The Course Enrollment Process. The course enrollment process is the shared responsibility of students, parents, teachers, and counselors. All of these people contribute ideas and information which result in effective educational programs for students. Since students’ educational programs have implications for post-high school education and eventual career choice, careful planning is required. Parents assist students in the selection process by discussing alternatives with them and by helping them analyze their individual interests, needs and goals. Involvement of parents provides students with the support, encouragement and knowledge necessary for this important step in educational career planning. Teachers are available to discuss the curriculum with students in an effort to provide understanding of the many options that are available. Students are encouraged to seek their teachers' recommendations before enrolling in some courses so that they are appropriately placed and meet the prerequisites. Counselors are available to assist students, parents and teachers in developing a sound educational program. The counselors have skills, experience, and accessibility to information needed to help students in the selection process. Students are provided with information about all the subjects available to them. Students must choose those subjects which give them knowledge and skills that are necessary for their future educational and career plans.

The Importance of Course Selection. If students give careful thought to the future, they will realize that course selection is a means to an end, not an end in itself. This includes meeting graduation requirements, following course pre-requisites, and choosing electives to enhance future endeavors and education. They are encouraged to seek as much information as needed from parents, teachers, counselors and others to make the wisest choices. In considering post-secondary plans students should note the admissions guidelines addressed in this booklet and career preparation when planning their courses. A tentative four-year plan will be a helpful guide.

Master Schedule of Classes. Enrollment selections provide an extremely important decision making process for the school and the student. Based on course requests, principals schedule the courses, sections, and teachers to best accommodate student requests. Identifying the number of seats needed across all courses, administrators work with the departments to determine the courses that will be taught, who will teach them, and when, where, and how many students per section (semester, periods, rooms, and seat limit) for each course. The requests and the decisions that follow determine how district staff, facilities, and budget resources are allocated for the coming year.

Course Schedule. Within that structure a schedule is then created for each individual student. Please note there is a need for students to be very serious and thoughtful consideration when making their enrollment requests. Each time students change their minds from their original selections, a number of issues are impacted. Changes requested after individual schedules have been created can be considered only on a space-available basis.
This course description book describes courses of study and enrollment procedures for students in grades 9-12. The purpose is to assist students and their parents/guardians in planning a high school program and choosing specific courses.

Please use this book as a resource for enrollment and keep it for future reference. There are many choices to be made at enrollment time, and the staff is prepared to discuss enrollment with students and their parents. The administrative and counseling office personnel are ready to assist in interpreting the provisions set forth and in suggesting how individual needs and interests can be accommodated. If assistance is needed, please visit with a guidance counselor in the student services office.

**Lawrence Free State High School**
4700 Overland
Lawrence, Kansas 66049
(785) 832-6050

Ed West, Principal
Counselors (by Last Name)
A-E ............................................. Bryan Duncan (ext. 1908)
F-K ............................................. Joel Frederick (ext 1992)
L-Q ............................................. Tina Mitchell (ext. 2672)
R-Z ............................................. Ken Hile (ext. 4782)

**Lawrence High School**
1901 Louisiana
Lawrence, Kansas 66046
(785) 832-5050

Matt Brungardt, Principal
Counselors (by Last Name)
A-E ............................................. Aaron Ebke (ext. 4573)
F-K ............................................. Sharon Wilson (ext. 1466)
L-R ............................................. Lori Stussle (ext. 4607)
S-Z ............................................. Natalie Konkel (ext. 4993)

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Enrollment Guidelines

Freshmen
- Must enroll in seven classes per semester
- Must enroll in English 9 or Adv. English 9
- Must enroll in a Mathematics course
- Must enroll in Biology, Adv. Biology or Science 9
- Must enroll in Civics and the US Constitution
- Must enroll in 1 semester of Health 9
- Will need to choose 6 semesters of electives

Sophomores
- Must enroll in seven classes per semester
- Must enroll in two semesters of English/Language Arts
- Must enroll in a Mathematics course
- Must enroll in a Science course
- Must enroll in Modern World History or Advanced Placement European History
- Will need to choose 6 semesters of electives

Juniors
- Must enroll in seven classes per semester
- Must enroll in two semesters of English/Language Arts
- Must enroll in a Mathematics course
- Must enroll in Survey of US History I & II or Advanced Placement US History I & II
- Will need to choose 6 semesters of electives
- RECOMMENDED: Enroll in two semesters of Science

Seniors
- Must enroll in seven classes per semester
- Must enroll in two semesters of English/Language Arts (one course must be senior-only English)
- Must enroll in one semester of US Government
- Will need to choose 11 semesters of electives
- Students planning to graduate early must see their counselor for details before enrolling for the senior year
- Must enroll in one to two semesters of Science if 3 credits not yet earned.

Additional Requirements (Grades 9—12)
- Students must enroll in one semester of a Health/Physical Education elective in high school
- Students must enroll in two semesters (1 year) of Fine Arts electives in high school
- Students must enroll in one semester of a Social Studies elective in high school

Enrollment Instructions

Each student should read the course descriptions in this book, which explain course requirements, semester and full-year courses, and all course prerequisites; after reading this information, students should list on the enrollment sheet the course numbers for those classes they select for each semester. **Full-year classes should be listed twice, semester courses should be listed once.**

Once enrollment choices are compiled, staffing decisions and planning for the master schedule begins; therefore, decisions made at enrollment time need to be made with care. **Once courses are scheduled changes are very difficult to make.** Alternate choices are used if the electives chosen cannot be scheduled. In order for a particular elective course to be offered, a minimum enrollment figure must be met.
Graduation requirements for USD 497 include 23 credits or Carnegie units earned during the 9th through 12th grades. A half credit is issued for the successful completion of one semester (1/2 school year) of a course. Specific courses may be required within each category.

### USD 497 Basic Graduation Requirements

#### English/Language Arts: 4 years/4 credits (Mandatory in 9, 10, 11 & 12)

<table>
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<tr>
<th>Grade</th>
<th>Course Options</th>
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<tbody>
<tr>
<td>Grade 9</td>
<td>☐ English 9 or Adv. English 9 (FSHS) / Intro to Lit./Comp. 1 &amp; 2/Adv. Intro. To Lit./Comp 1 &amp; 2 (LHS)</td>
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<tr>
<td>Grade 10</td>
<td>☐ English 10 or Adv. English 10 (sem) (FS)/ World Lit/Comp 1 &amp; 2 (LHS)</td>
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<td></td>
<td>☐ Appreciation of Literature (sem) or Epic Tradition (sem) (FSHS)</td>
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<td>☐ Pre-AP World Lit/Comp I AND Pre-AP World Lit/Comp II (LHS)</td>
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<tr>
<td>Grade 11</td>
<td>☐ American Literature I or Adv. American Literature (sem) plus one</td>
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<td>English Elective (sem)</td>
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<tr>
<td>Grade 12</td>
<td>☐ English Elective (2 semesters or 1 year)</td>
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#### Mathematics: 3 years/3 credits (Mandatory in 9, 10 & 11)

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<th>Course Options</th>
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<tr>
<td>Grade 9</td>
<td>☐ Geometry, Adv. Geometry, Algebra, Introduction to Algebra or Adv. Algebra II</td>
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<tr>
<td>Grade 11</td>
<td>☐ Analysis, Pre-Calculus or Other Math Course</td>
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#### Science: 3 years/3 credits (Mandatory in 9, 10 & 11)

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<td>Grade 9</td>
<td>☐ Biology, Adv. Biology or Science 9</td>
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<tr>
<td>Grade 10</td>
<td>☐ Chemistry, Physics or Other Science Elective</td>
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<tr>
<td>Grade 11</td>
<td>☐ Chemistry, Physics or Other Science Elective</td>
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#### Social Studies: 3.5 years/3.5 credits (Mandatory in 9, 10, 11 & 12)

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<tr>
<td>Grade 9</td>
<td>☐ Civics and the US Constitution (sem)</td>
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<tr>
<td>Grade 10</td>
<td>☐ Modern World History (year) or</td>
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<tr>
<td></td>
<td>☐ AP European History (year)</td>
</tr>
<tr>
<td>Grade 11</td>
<td>☐ US History I &amp; II (year) or AP US History I &amp; II (year)</td>
</tr>
<tr>
<td>Grade 12</td>
<td>☐ US Government (sem) or AP Government &amp; Politics (year)</td>
</tr>
<tr>
<td>Grade 9—12</td>
<td>☐ Social Studies Elective (sem)</td>
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#### P.E. and Health: 1 year/1 credit (Mandatory in 9—.5 credit)

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<tr>
<td>Grade 9</td>
<td>☐ Health 9 (sem)</td>
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<tr>
<td>Grade 9—12</td>
<td>☐ Physical Education Elective (sem)</td>
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#### Fine Arts: 1 year/1 credit

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<th>Grade</th>
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<tbody>
<tr>
<td>Grade 9—12</td>
<td>See page 4 for Fine Arts credit courses</td>
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#### Electives: 7.5 credits

|        |                                                                                   |
|--------| Adam                                                                                   |
## Graduation Requirements

### Fine Arts

**1 year / 1 credits**

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<thead>
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<th>Term</th>
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<td>Concert Band</td>
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<td></td>
<td></td>
<td></td>
<td>Yr</td>
</tr>
<tr>
<td>Symphonic Band</td>
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<td>●</td>
<td></td>
<td></td>
<td>Yr</td>
</tr>
<tr>
<td>Wind Ensemble</td>
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<td></td>
<td></td>
<td>Yr</td>
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<td>Freshman Choir</td>
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<tr>
<td>Men's Choir</td>
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<tr>
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<td>Yr</td>
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<tr>
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<tr>
<td>Advanced Women's Choir</td>
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<td>Advanced Mixed Choir</td>
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<td>Music Theory/Jazz Improvisation</td>
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<td></td>
<td>Yr</td>
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<td>AP Music Theory</td>
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<td>Introduction to Theater</td>
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<td></td>
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<td>●</td>
<td></td>
<td></td>
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<td>Acting II</td>
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<td>Civil Engineering and Architecture I</td>
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### Visual Arts

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### Fine Arts

<table>
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<th>10</th>
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<th>12</th>
<th>Term</th>
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<tbody>
<tr>
<td>Exploring Art</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>Sem</td>
</tr>
<tr>
<td>Drawing I</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>Sem</td>
</tr>
<tr>
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<td>Photography I</td>
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<td>AP Studio Art: 3-D Design</td>
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<td>Interiors</td>
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<td>Digital Media</td>
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<td>●</td>
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<td>●</td>
<td>●</td>
<td>●</td>
<td>Year</td>
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<tr>
<td>Digital Media P&amp;D - Yearbook</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>Year</td>
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</table>
Planning for Post High School

Students who plan to enter a two-year or four-year college should check the admission requirements at the institutions in which they are interested. Students should be sure they are using the most recent information available.

Most colleges require a minimum of a “C” average. Highly competitive colleges require a “B” average or better for admission. A record of good behavior and cooperation with school staff and classmates is expected and necessary in order to receive satisfactory recommendations for college. Good academic and attendance records and involvement in school and/or community activities are the best recommendations an applicant can offer.

Kansas Board of Regents

Qualified Admissions

Students who graduate in 2015 and plan to attend one of the Kansas Regents Universities (University of Kansas, Kansas State University, Wichita State University, Fort Hays State University, Emporia State University and Pittsburg State University) must graduate from high school meet one of the following requirements and complete the precollege or Kansas Scholars curriculum (see below) with at least a 2.0 cumulative Grade Point Average (GPA) to qualify for admission:

- Achieve an ACT composite score of 21 or above;
  - OR
- Achieve a combined SAT score of 980 or higher on math and critical reading
  - OR
- Rank in the top one-third of one’s high school’s graduating class
  - AND
- Complete the following Qualified Admissions Curriculum with at least a 2.0 grade point average (GPA) on a 4.0 scale

Kansas Board of Regents Pre-College Curriculum

- 4 units of English (not all English courses qualify for Kansas Board of Regents English credits.
- 3 units of Natural Science (including Biology, Advanced Biology, Chemistry, Physics or Principles of Technology and other courses)
  Note: One unit must be Chemistry or Physics
- 3 units of Math in high school (selected from Algebra I, Geometry, Algebra II or any course with Algebra II as a prerequisite) and an ACT Mathematics score of 22
  - OR
- 4 units of Math in high school with one unit taken in the year the student graduates (selected from Algebra I, Geometry, Algebra II or any course with Algebra II as a prerequisite)

  NOTE: Mathematics courses completed prior to 9th grade do not count toward the Qualified Admissions math requirement.

- 3 units of Social Studies (USD 497 required courses for graduation meet this requirement)
- 3 units of electives selected from: English, Math, Natural Science, Social Science, World Language, Personal Finance, Speech/Debate/Forensics, Journalism, Computer/Information Systems, Fine Arts and/or Career and Technical Education.

Exceptions & Kansas Scholars Curriculum

Students in any class may also qualify by completing 24 credit hours with a GPA of 2.0 or better at a community college or non-Regents university or applying for the 10% exceptions window.

The Kansas Scholars Curriculum, which one of the requirements Kansas residents must meet in order to receive State Scholar designation during the Senior Year of high school, is the Pre-College Curriculum with 2 units of one World Language within the elective choices.

For more information, see your school counselor
or
visit the Board of Regents website at
www.kansasregents.org
Planning for Post High School

NCAA

Freshman Eligibility Standards

**Division I**
If you enroll in a Division I college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school;
- Complete these 16 core courses:
  - 4 years of English
  - 3 years of math (Algebra I or higher)
  - 2 years of natural or physical science (including one year of lab science if offered by your high school)
  - 1 extra year of English, math, or natural or physical science
  - 2 years of social science
  - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- Earn a minimum required grade-point average in your core courses; and
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale.

- Ten (10) of the 16 core courses must be COMPLETE before the 7th semester (senior year) of high school
- Seven (7) of the 10 core courses must be in English, Math, or Science

**Division II**
If you enroll in a Division II college on or after August 1, 2013, and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school;
- Complete these 14 core courses:
  - 3 years of English
  - 2 years of math (Algebra I or higher)
  - 2 years of natural or physical science (including one year of lab science if offered by your high school)
  - 3 additional years of English, math, or natural or physical science
  - 2 years of social science
  - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- Earn a 2.000 grade-point average or better in your core courses; AND
- Earn a combined SAT score of 820 or an ACT sum score of 68.

It is the student’s responsibility to look at your high school’s list of NCAA-approved core courses on the NCAA clearinghouse website to make sure the courses being taken have been approved as core courses. The website is www.ncaaclearinghouse.net

Graduation from High School
You must graduate from high school on schedule (in eight semesters) with your incoming ninth-grade class. If you graduate from high school in eight semesters with your class, you may use one core course completed in the year after graduation (summer or academic year) to meet NCAA Division I eligibility requirements. You may complete the core course at a location other than the high school from which you graduated and may initially enroll full time at a collegiate institution at any time after completion of the core course.

Grade Point Average (GPA)
Only core courses are used in calculating a student’s GPA.

<table>
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<th>Core GPA</th>
<th>SAT</th>
<th>ACT</th>
<th>Core GPA</th>
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<th>ACT</th>
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Articulation Agreements and Advanced Standing Credit

Lawrence Public School students have the opportunity to take courses in high school that have been identified by the school district and post-secondary schools as equivalent courses. Each articulation agreement is different. Students and parents are encouraged to visit with counselors and course instructors for specific details. Courses that provide advanced standing credit are identified in the course description.

For a list of Career and Technical Education Articulated Courses and degree programs please visit: www.usd497.org/Page/4576

Advanced Placement

Advanced Placement (AP) is an internationally recognized standard of academic excellence that provides the following benefits to students:

- AP can enhance a student’s opportunities for scholarships and career possibilities.
- AP can enhance the student’s opportunities to receive admission into recognized universities and post-secondary programs.
- AP can provide college credits for courses and examinations completed successfully in high school.
- AP can reduce college costs and time to obtain a degree.
- AP curriculums have been successfully mastered by students who are hardworking and dedicated to excellence and rank in the upper 25 percent of their class.

AP Courses offered in USD 497 include:

- AP English Literature and Composition
- AP Language and Composition (LHS)
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Biology
- AP Physics B
- AP Chemistry
- AP Environmental Science
- AP European History
- AP U.S. History I and II
- AP Government and Politics
- AP Studio Art: Drawing
- AP Studio Art: 2-D Design
- AP Studio Art: 3-D Design
- AP Music Theory
- AP Latin: Vergil
- AP Computer Science

Weighted Grades

Advanced Placement (AP) courses will be weighted on student transcripts. An A, B, or C grade in a weighted course will earn .5 GPA points more than the same grade in a non-weighted course. Weighted and non-weighted GPAs are reported on student transcripts.

The Lawrence school district uses two different systems to determine grade point averages. The primary system, which is used to determine the class rank, top ten percent, and valedictorian, is a non-weighted, four-point formula where for every class A=4.0, B=3.0, C=2.0, D=1.0, F=0.

A second system, which students may use on college or scholarship applications, uses weighted grades for all AP (advanced placement) classes where A=4.5, B=3.5, C=2.5, D=1.0, and F=0. All other non-AP classes are figured on the traditional 4-point system.

Concurrent College Credit

The Lawrence Public School have partnered with the University of Kansas, Johnson County Community College and Neosho County Community College to provide college courses for students while still enrolled in high school. These courses include:

- ENGL 101 Composition (KU)
- MATH 101 Algebra (KU)
- Certified Nurse Aide (NCCC)
- Certified Medication Aide (NCCC)
- Construction (NCCC)
- Advanced Welding (NCCC)
- Intro to Biotechnology (JCCC)
- Intro to Administration of Justice (JCCC)
- EMS First Responder (JCCC)
- Intro to Health Care Information Systems (JCCC)
- Food Sanitation (JCCC)
- Intro to Hospitality Mgmt (JCCC)
- Electrical Technology (JCCC)

Many of the courses are available through the Lawrence College & Career Center. Please see the course descriptions for further details.

Special Services

The Lawrence Public Schools provide comprehensive programming for students with special needs. Such programming is represented through a continuum of service options ranging from collaboration in the general education classroom to direct services provided in special service classrooms. Individualized services and programming are provided as directed by an Individualized Education Planning (IEP) Team to students with learning disabilities, emotional and behavioral needs, sensory and physical needs, cognitive and developmental disabilities, speech/language needs, hearing and vision needs, and for students who are gifted. Placement in these programs/services is by Special Education action only.

For more information regarding special education services, contact your school administrator or the Student Intervention Services Office at 785-832-5000.

Gifted Services

Gifted services offer unique and specialized instruction for students who have been found eligible and in need of such services. Gifted services may include either direct or indirect service or a combination of both.

Homebound/Hospitalized Instructional Program

Homebound and hospitalized instruction is available to students K-12 who have a physical or psychological disability and are unable, or will be unable, to attend classes for two weeks or longer. Recommendation and approval for homebound instruction must be made by the referring physician, followed by a comprehensive evaluation and review by the staffing team. Counselors and the school nurse will assist in the coordination of all responsibilities. Students are not considered absent during the period that instruction is being given.
### Agriculture/Food & Natural Resources

<table>
<thead>
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<th>Course</th>
<th>Code</th>
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<tr>
<td><strong>Intro to Agriculture Sem. 1</strong></td>
<td>AG1011</td>
</tr>
<tr>
<td>Introduction to Agriculture surveys a wide array of topics within the agricultural industry exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). This course serves to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere.</td>
<td></td>
</tr>
<tr>
<td>CREDIT: 0.5 TYPE: Regular GRADE: 9-12</td>
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<tr>
<td><strong>Intro to Agriculture Sem. 2</strong></td>
<td>AG1012</td>
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<tr>
<td>Introduction to Agriculture surveys a wide array of topics within the agricultural industry exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). This course serves to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere.</td>
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<tr>
<td><strong>Agriscience Sem.1</strong></td>
<td>AG2011</td>
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<tr>
<td>A comprehensive course that covers a wide range of agricultural topics, including plant and animal science, production, and processing; agricultural mechanics, including tool and machine operation and repair; construction and repair of farm structures; business operations and management; and the careers available in the agricultural industry. Topics may also include topics such as chemical and soil science, ecology, agricultural marketing and veterinary science. Membership in the FFA ($12) is strongly encouraged but not required. Qualifies for JCCC Advanced Standing Credit (see page 7).</td>
<td></td>
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<td>PREREQUISITE: AG1011 - Intro to Agriculture Sem. 1 or AG1012 - Intro to Agriculture Sem. 2</td>
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<tr>
<td><strong>Agriscience Sem.2</strong></td>
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<tr>
<td>A comprehensive course that covers a wide range of agricultural topics, including plant and animal science, production, and processing; agricultural mechanics, including tool and machine operation and repair; construction and repair of farm structures; business operations and management; and the careers available in the agricultural industry. Topics may also include topics such as chemical and soil science, ecology, agricultural marketing and veterinary science. Membership in the FFA ($12) is strongly encouraged but not required. Qualifies for JCCC Advanced Standing Credit (see page 7).</td>
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<tr>
<td>PREREQUISITE: AG1011 - Intro to Agriculture Sem. 1 or AG1012 - Intro to Agriculture Sem. 2</td>
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</tr>
<tr>
<td><strong>Plant Science I Sem. 1</strong></td>
<td>AG2111</td>
</tr>
<tr>
<td>Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.</td>
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<tr>
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<td>AG2112</td>
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<tr>
<td>Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.</td>
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<td>CREDIT: 0.5 TYPE: Regular GRADE: 10-12</td>
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Plant Science II Sem. 1  
AG2121

Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: AG2111 - Plant Science I Sem. 1 or AG2112 - Plant Science I Sem. 2

Plant Science II Sem. 2  
AG2122

Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: AG2111 - Plant Science I Sem. 1 or AG2112 - Plant Science I Sem. 2

Animal Science I Sem. 1  
AG2211

Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Animal Science I Sem. 2  
AG2212

Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Animal Science II Sem. 1  
AG2221

Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: AG2211 - Animal Science I Sem. 1 or AG2212 - Animal Science I Sem. 2

Animal Science II Sem. 2  
AG2222

Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: AG2211 - Animal Science I Sem. 1 or AG2212 - Animal Science I Sem. 2
Natural Resources and Wildlife Sem. 1  AG3111
Environmental Resources and Wildlife combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife and forests. Within the general area of natural resources management, this course covers specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation and human outdoor recreation. Membership in the FFA ($12) is strongly encouraged but not required.
CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Natural Resources and Wildlife Sem. 2  AG3112
Environmental Resources and Wildlife combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife and forests. Within the general area of natural resources management, this course covers specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation and human outdoor recreation. Membership in the FFA ($12) is strongly encouraged but not required.
CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Veterinary Science I Sem. 1  AG3211
Veterinary Science focuses on the care and management of animals. Animal nutrition, health, behavior, reproduction and breeding, anatomy and physiology, facilities, handling and training, and grooming are typical areas of study. Course topics may include kennel operations and sales. Membership in the FFA ($12) is strongly encouraged but not required.
CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Veterinary Science II Sem. 2  AG3212
Veterinary Science focuses on the care and management of animals. Animal nutrition, health, behavior, reproduction and breeding, anatomy and physiology, facilities, handling and training, and grooming are typical areas of study. Course topics may include kennel operations and sales. Membership in the FFA ($12) is strongly encouraged but not required.
CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Agribusiness Sem. 1  AG3411
Agribusiness provide students with the information and skills necessary for success in agribusiness and in operating entrepreneurial ventures in the agricultural industry. This course covers topics such as economic principles, budgeting, risk management, finance, business, law, marketing and promotion strategies, insurance and resource management. Other possible topics include developing a business plan, employee/employer relations, problem-solving and decision making, commodities, and building leadership skills. This course also provides work experience in fields related to agribusiness. Goals are typically set cooperatively by the student, teacher and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Membership in the FFA ($12) is required.
CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
PREREQUISITE: a minimum of 2 Agriculture Courses

Agribusiness Sem. 2  AG3412
Agribusiness provide students with the information and skills necessary for success in agribusiness and in operating entrepreneurial ventures in the agricultural industry. This course covers topics such as economic principles, budgeting, risk management, finance, business, law, marketing and promotion strategies, insurance and resource management. Other possible topics include developing a business plan, employee/employer relations, problem-solving and decision making, commodities, and building leadership skills. This course also provides work experience in fields related to agribusiness. Goals are typically set cooperatively by the student, teacher and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Membership in the FFA ($12) is required.
Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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**Food Science I Sem. 1**

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**PREREQUISITE:** a minimum of 2 Agriculture Courses

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

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**Food Science I Sem. 2**

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COREQUISITES:** If you take this course, you must also take SM2621 - Food Science II Sem. 1  
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

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**Food Science II Sem. 1**

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COREQUISITES:** If you take this course, you must also take SM2622 - Food Science II Sem. 2  
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

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**Food Science II Sem. 2**

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

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**Food Science II Sem. 1**

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

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**Food Science II Sem. 2**

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center.
College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take SM2612 - Food Science I Sem. 2
Intro to Industrial Technology Sem. 1 CP1011
Intro to Industrial Technology is designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, Welding & Transportation areas. Students will explore careers and skills in numerous fields. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Regular GRADE: 9

Intro to Industrial Technology Sem. 2 CP1012
Intro to Industrial Technology is designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, Welding & Transportation areas. Students will explore careers and skills in numerous fields. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Regular GRADE: 9

Drafting Sem. 1 AC1011
Drafting is offered to introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications. The course provides students with the knowledge, experience and ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems will be introduced. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Regular GRADE: 9-12

Drafting Sem. 2 AC1012
Drafting is offered to introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications. The course provides students with the knowledge, experience and ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems will be introduced. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Regular GRADE: 9-12

CAD/Drafting II Sem. 1 AC2311
These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Regular GRADE: 9-12
PREREQUISITE: AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2

CAD/Drafting II Sem. 2 AC2312
These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Regular GRADE: 9-12
PREREQUISITE: AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2

CAD/Drafting III Sem. 1 AC2321
These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques
and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CAD/Drafting III Sem. 2**

AC2322

These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in CAD/Drafting II. The year will be spent learning computer drawing techniques and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**Woodworking for the Novice Sem. 1**

AC2411

his course is designed to instruct students in the basic skills necessary to complete woodworking projects. Students will learn how to draft and sketch basic shapes and develop a multi-view drawing for construction. After developing a materials list, students will construct the project using common hand and power tools. All students will complete the OSHA 10 Hours Safety Training as part of the course.

**Civil Engineering and Architecture I Sem. 1**

SM3011

This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**Civil Engineering and Architecture I Sem. 2**

SM3012

This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**Civil Engineering and Architecture II Sem. 1**

SM3021

This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**Civil Engineering and Architecture II Sem. 2**

SM3022
This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** SM3011 - Civil Engineering and Architecture I Sem. 1 or SM3012 - Civil Engineering and Architecture I Sem. 2

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**Cabinetry I Sem. 1**

AC2111

Cabinetry I and II provide students with experience in constructing cases, cabinets, counters and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware.

A $20.00 materials fee is required for Cabinetry courses beyond Cabinetry I.

Additional charges may apply for ALL Cabinetry courses (see “Course Fees and Additional Charges” Chart at end of this guide).

Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**PREREQUISITE:** AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2 or CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2

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**Cabinetry I Sem. 2**

AC2112

Cabinetry I and II provide students with experience in constructing cases, cabinets, counters and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware.

A $20.00 materials fee is required for Cabinetry courses beyond Cabinetry I.

Additional charges may apply for ALL Cabinetry courses (see “Course Fees and Additional Charges” Chart at end of this guide).

Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**PREREQUISITE:** AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2 or CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2

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**Cabinetry II Sem. 1**

AC2121

Cabinetry I and II provide students with experience in constructing cases, cabinets, counters and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware.

A $20.00 materials fee is required for Cabinetry courses beyond Cabinetry I.

Additional charges may apply for ALL Cabinetry courses (see “Course Fees and Additional Charges” Chart at end of this guide).

Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12
PREREQUISITE: AC2111 - Cabinetry I Sem. 1 or AC2112 - Cabinetry I Sem. 2

Cabinetry II Sem. 2

AC2122

Cabinetry I and II provide students with experience in constructing cases, cabinets, counters and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware.

A $20.00 materials fee is required for Cabinetry courses beyond Cabinetry I.

Additional charges may apply for ALL Cabinetry courses (see “Course Fees and Additional Charges” Chart at end of this guide).

Qualifies for JCCC Advanced Standing Credit (see page 7)

THESE COURSES ARE OFFERED AT LAWRENCE HIGH SCHOOL ONLY. FREE STATE HIGH STUDENTS ARE PERMITTED TO TRAVEL TO LAWRENCE HIGH SCHOOL FOR THE COURSE. SEE YOUR COUNSELOR FOR DETAILS.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: AC2111 - Cabinetry I Sem. 1 or AC2112 - Cabinetry I Sem. 2

Construction - Level 1a1 Sem. 1

AC2511

Construction Level 1a is a comprehensive course designed to instruct students in the basic knowledge and skills required for construction of residential structures. The course is taught by Neosho County Community College at the Lawrence College and Career Center. Students will earn 8 college credits upon successful completion. Tuition ($540) is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. This course is only available during the fall semester. This course, in combination with Construction Level Ib, will provide a certificate for students who intend to seek entry-level employment after completing a one-year program of study.

Course Fee: $439 assessed by Neosho County Community College covers Construction Level 1a1 and 1a2

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take AC2521 - Construction - Level 1a2 Sem. 1

If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Construction - Level 1a2 Sem. 1

AC2521

Construction Level 1a is a comprehensive course designed to instruct students in the basic knowledge and skills required for construction of residential structures. The course is taught by Neosho County Community College at the Lawrence College and Career Center. Students will earn 8 college credits upon successful completion. Tuition ($540) is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. This course is only available during the fall semester. This course, in combination with Construction Level Ib, will provide a certificate for students who intend to seek entry-level employment after completing a one-year program of study.

Course Fee: $439 assessed by Neosho County Community College covers Construction Level 1a1 and 1a2

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take AC2511 - Construction - Level 1a1 Sem. 1

Design/Build I Sem. 1

AC3311
Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5
**TYPE:** Regular
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3321 - Design/Build II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

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**Design/Build I Sem. 2**

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5
**TYPE:** Regular
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3322 - Design/Build II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

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**Design/Build II Sem. 1**

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5
**TYPE:** Regular
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3311 - Design/Build I Sem. 1

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**Design/Build II Sem. 2**

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5
**TYPE:** Regular
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3312 - Design/Build I Sem. 2
### Construction - Level 1b1 Sem. 2

Construction Level Ib, continues to prepare the student for entry level employment in the construction field. This course covers Floors, Walls & Ceiling Framing, Roof Framing and Windows Doors and Stairs. The course is taught by Neosho County Community College at the Lawrence College and Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. Students will earn 10 college credits upon successful completion. Tuition ($600) is waived, but there are course fees. This course, in combination with Construction Level Ia, will provide a certificate for students who intend to seek entry-level employment after completing a one-year program of study. Students who wish to continue instruction can earn the National Center for Construction Education and Research (NCCER) Core and Carpentry I certification beginning in the fall 2016.

**Course Fee:** $530 assessed by Neosho County Community College covers both Construction Level 1b1 and 1b2

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3522 - Construction - Level 1b2 Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

### Construction - Level 1b2 Sem. 2

Construction Level Ib, continues to prepare the student for entry level employment in the construction field. This course covers Floors, Walls & Ceiling Framing, Roof Framing and Windows Doors and Stairs. The course is taught by Neosho County Community College at the Lawrence College and Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. Students will earn 10 college credits upon successful completion. Tuition ($600) is waived, but there are course fees. This course, in combination with Construction Level Ia, will provide a certificate for students who intend to seek entry-level employment after completing a one-year program of study. Students who wish to continue instruction can earn the National Center for Construction Education and Research (NCCER) Core and Carpentry I certification beginning in the fall 2016.

**Course Fee:** $530 assessed by Neosho County Community College covers both Construction Level 1b1 and 1b2

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3512 - Construction - Level 1b1 Sem. 2

### Cabinetry III Sem. 1

Cabinetry III & IV provide work experience in a field related to construction and cabinetry. Goals are set cooperatively by the student, teacher, and employer (although students are not necessarily paid). The course includes classroom activities as well, involving further study of the field and discussion regarding experiences that students encounter in the workplace.

Qualifies for JCCC Advanced Standing Credit (see page 7)
A $20.00 materials fee is required for Cabinetry III and IV courses. Additional charges may apply for Cabinetry Courses (see “Course Fees and Additional Charges” Chart at end of this guide).

**CABINETRY COURSES ARE ONLY OFFERED AT LAWRENCE HIGH SCHOOL. STUDENTS INTERESTED IN THESE COURSES ARE ENCOURAGED TO VISIT WITH INSTRUCTORS TO ARRANGE WORKPLACE EXPERIENCES.**

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12

**OTHER REQUIREMENTS:** Instructor Approval

### Cabinetry III Sem. 2

Cabinetry III & IV provide work experience in a field related to construction and cabinetry. Goals are set cooperatively by the student, teacher, and employer (although students are not necessarily paid). The course includes classroom activities as well, involving further study of the field and discussion regarding experiences that students encounter in the workplace.
Qualifies for JCCC Advanced Standing Credit (see page 7)
A $20.00 materials fee is required for Cabinetry III and IV courses. Additional charges may apply for Cabinetry Courses (see “Course Fees and Additional Charges” Chart at end of this guide).
CABINETRY COURSES ARE ONLY OFFERED AT LAWRENCE HIGH SCHOOL. STUDENTS INTERESTED IN THESE COURSES ARE ENCOURAGED TO VISIT WITH INSTRUCTORS TO ARRANGE WORKPLACE EXPERIENCES.

CREDIT: 0.5  TYPE: Regular  GRADE: 12
OTHER REQUIREMENTS: Instructor Approval

Cabinetry IV Sem. 1  AC3121

Construction III & IV and Cabinetry III & IV provide work experience in a field related to construction and cabinetry. Goals are set cooperatively by the student, teacher, and employer (although students are not necessarily paid). The course includes classroom activities as well, involving further study of the field and discussion regarding experiences that students encounter in the workplace.
Qualifies for JCCC Advanced Standing Credit (see page 7)
A $20.00 materials fee is required for Cabinetry III and IV courses. Additional charges may apply for Cabinetry Courses (see “Course Fees and Additional Charges” Chart at end of this guide).
CABINETRY COURSES ARE ONLY OFFERED AT LAWRENCE HIGH SCHOOL. STUDENTS INTERESTED IN THESE COURSES ARE ENCOURAGED TO VISIT WITH INSTRUCTORS TO ARRANGE WORKPLACE EXPERIENCES.

CREDIT: 0.5  TYPE: Regular  GRADE: 12
OTHER REQUIREMENTS: Instructor Approval

Cabinetry IV Sem. 2  AC3122

Construction III & IV and Cabinetry III & IV provide work experience in a field related to construction and cabinetry. Goals are set cooperatively by the student, teacher, and employer (although students are not necessarily paid). The course includes classroom activities as well, involving further study of the field and discussion regarding experiences that students encounter in the workplace.
Qualifies for JCCC Advanced Standing Credit (see page 7)
A $20.00 materials fee is required for Cabinetry III and IV courses. Additional charges may apply for Cabinetry Courses (see “Course Fees and Additional Charges” Chart at end of this guide).
CABINETRY COURSES ARE ONLY OFFERED AT LAWRENCE HIGH SCHOOL. STUDENTS INTERESTED IN THESE COURSES ARE ENCOURAGED TO VISIT WITH INSTRUCTORS TO ARRANGE WORKPLACE EXPERIENCES.

CREDIT: 0.5  TYPE: Regular  GRADE: 12
Business Essentials Sem. 1  BF1011

Business Essentials is an introductory business class. It will provide students with a basic understanding of business in our economy. A few of the topics are: our economic system, supply and demand, the stock market, banking, business management, and marketing. Throughout the semester the students will work on individual and group projects, research and present information, use interactive websites and software, and view videos. This course will provide a gateway to the other business courses offered at the high school.
Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5  | TYPE: Regular  | GRADE: 9-12 |

Business Essentials Sem. 2  BF1012

Business Essentials is an introductory business class. It will provide students with a basic understanding of business in our economy. A few of the topics are: our economic system, supply and demand, the stock market, banking, business management, and marketing. Throughout the semester the students will work on individual and group projects, research and present information, use interactive websites and software, and view videos. This course will provide a gateway to the other business courses offered at the high school.
Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5  | TYPE: Regular  | GRADE: 9-12 |

Accounting I Sem. 1  BF2011

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5  | TYPE: Regular  | GRADE: 10-12 |

Accounting I Sem. 2  BF2012

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5  | TYPE: Regular  | GRADE: 10-12 |

Accounting II Sem. 1  BF2021

Accounting II allows students to continue to develop their understanding of accounting principles. Through a practical, hands-on approach the students will use accounting tools, such as Excel, QuickBooks, and the Internet, to analyze financial data for a merchandising business. They will interpret financial data to assist in business decision-making. A simulation packet will be used to provide a realistic environment for the students to work and learn as accountants.
Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5  | TYPE: Regular  | GRADE: 10-12 |

PREREQUISITE: BF2011 - Accounting I Sem. 1 or BF2012 - Accounting I Sem. 2

Accounting II Sem. 2  BF2022

Accounting II allows students to continue to develop their understanding of accounting principles. Through a practical, hands-on approach the students will use accounting tools, such as Excel, QuickBooks, and the Internet, to analyze financial data for a merchandising business. They will interpret financial data to assist in business decision-making. A simulation packet will be used to provide a realistic environment for the students to work and learn as accountants.
Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5  | TYPE: Regular  | GRADE: 10-12 |

PREREQUISITE: BF2011 - Accounting I Sem. 1 or BF2012 - Accounting I Sem. 2
### Marketing I Sem. 1  BF2211
Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

### Marketing I Sem. 2  BF2212
Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

### Marketing II Sem. 1  BF2221
Marketing Education II continues to educate students using a practical approach to marketing in today's technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain leadership and competitive skills through local, state, regional, and national leadership conferences.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

### Marketing II Sem. 2  BF2222
Marketing Education II continues to educate students using a practical approach to marketing in today's technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain leadership and competitive skills through local, state, regional, and national leadership conferences.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

### Entrepreneurship Sem. 1  BF2311
Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

### Entrepreneurship Sem. 2  BF2312
Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12
### Business and Personal Law I Sem. 1  BF2411
This course is designed to help students understand the legal issues that will be encountered in personal lives. Civil and criminal laws dealing with the court systems, rights of students/minors, contracts, crimes and torts, landlord/tenant, and employment are some of the topics studied. Guest speakers, videos, and current legal issues are utilized. A field trip to courtroom trials may be planned.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

### Business and Personal Law I Sem. 2  BF2412
This course is designed to help students understand the legal issues that will be encountered in personal lives. Civil and criminal laws dealing with the court systems, rights of students/minors, contracts, crimes and torts, landlord/tenant, and employment are some of the topics studied. Guest speakers, videos, and current legal issues are utilized. A field trip to courtroom trials may be planned.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

### Business Law II Sem. 1  BF2421
This class focuses on legal research and preparation for mock trials. Students are organized into law firms and conduct mock trials before a judge or jury. Resources in the school library, internet, videos, and guest speakers help students complete their research. Field trips to courtroom trials will be planned, as well as a mock trial in a Douglas County courtroom.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**PREREQUISITE:** BF2411 - Business and Personal Law I Sem. 1 or BF2412 - Business and Personal Law I Sem. 2

### Business Law II Sem. 2  BF2422
This class focuses on legal research and preparation for mock trials. Students are organized into law firms and conduct mock trials before a judge or jury. Resources in the school library, internet, videos, and guest speakers help students complete their research. Field trips to courtroom trials will be planned, as well as a mock trial in a Douglas County courtroom.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**PREREQUISITE:** BF2411 - Business and Personal Law I Sem. 1 or BF2412 - Business and Personal Law I Sem. 2

### Business Economics Sem. 1  BF2511
Business Economics integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/ business concepts (such as marketing principles, business law, and risk). Upon completion of the course students will understand the future implications of their personal spending, saving and credit decisions, and how similar economic decisions affect the economic markets globally.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**PREREQUISITE:** BF1011 - Business Essentials Sem. 1 or BF1012 - Business Essentials Sem. 2

### Business Economics Sem. 2  BF2512
Business Economics integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/ business concepts (such as marketing principles, business law, and risk). Upon completion of the course students will understand the future implications of their personal spending, saving and credit decisions, and how similar economic decisions affect the economic markets globally.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**PREREQUISITE:** BF1011 - Business Essentials Sem. 1 or BF1012 - Business Essentials Sem. 2

### Business Management Sem. 1  BF2611
Business Management acquaints students with management skills and effective human relations. In this course, students will be introduced to the planning, staffing, financing, and controlling functions within a business. Students will also explore the interconnections among industry, government, and the global economy. Business Management
emphasizes problem-based, real-world applications of business concepts and the use of accounting concepts to formulate, analyze, and evaluate business decisions.
Qualifies for JCCC Advanced Standing Credit (see page 7)

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<tr>
<td>PREREQUISITE: Accounting I &amp; II</td>
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**Business Management Sem. 2 BF2612**

Business Management acquaints students with management skills and effective human relations. In this course, students will be introduced to the planning, staffing, financing, and controlling functions within a business. Students will also explore the interconnections among industry, government, and the global economy. Business Management emphasizes problem-based, real-world applications of business concepts and the use of accounting concepts to formulate, analyze, and evaluate business decisions.
Qualifies for JCCC Advanced Standing Credit (see page 7)

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**Practical Law Sem. 1 LP2011**

This course is designed for students interested in law, government and politics. Students will be introduced to the Constitution, the branches of federal government, state and local government and the practices and functions of government. Additionally, the course includes the basics of legal topics of Constitutional issues, criminal law, ethics, torts, contracts and family and juvenile law. Students will have the opportunity to learn from experts during field visits and mentorships from professionals in the field of government and law. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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<tr>
<td>If you take this course, you must also take 4151C1 - US Government (w/ Practical Law) Sem. 1</td>
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**Practical Law Sem. 2 LP2012**

This course is designed for students interested in law, government and politics. Students will be introduced to the Constitution, the branches of federal government, state and local government and the practices and functions of government. Additionally, the course includes the basics of legal topics of Constitutional issues, criminal law, ethics, torts, contracts and family and juvenile law. Students will have the opportunity to learn from experts during field visits and mentorships from professionals in the field of government and law. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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<td>If you take this course, you must also take 4151C2 - US Government (w/ Practical Law) Sem. 2</td>
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**Applied Business Development Sem. 1 BF3711**

Applied Business Development provides students opportunities to explore careers in the Business, Finance and/or Marketing fields. Students will assume appropriate roles either within the school or outside the school in developing,
supporting and/or managing business functions. Advanced business skills are required for this hands-on, experience based course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12

**PREREQUISITES:** The following courses are required pre-requisites. One of the following - Business Essentials, Business Economics or Entrepreneurship and One of the following—Accounting I & II or Marketing I & II

**COREQUISITES:** If you take this course, you must also take BF3712 - Applied Business Development Sem. 2

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**Applied Business Development Sem. 2  BF3712**

Applied Business Development provides students opportunities to explore careers in the Business, Finance and/or Marketing fields. Students will assume appropriate roles either within the school or outside the school in developing, supporting and/or managing business functions. Advanced business skills are required for this hands-on, experience based course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12

**COREQUISITES:** If you take this course, you must also take BF3711 - Applied Business Development Sem. 1
Education & Training

Human Growth and Development I Sem. 1  
**HS2011**  
Human Growth and Development provides students with knowledge about the physical, intellectual, emotional, and social growth and development of children from birth to 5 years. The course includes topics such as prenatal development and birth processes and developmental characteristics of the infant, toddler and preschool-aged child. The simulated infant is also used for instructional purposes. This class is designed for the student who is interested in pursuing a career working with infants and young children.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

Human Growth and Development I Sem. 2  
**HS2012**  
Human Growth and Development provides students with knowledge about the physical, intellectual, emotional, and social growth and development of children from birth to 5 years. The course includes topics such as prenatal development and birth processes and developmental characteristics of the infant, toddler and preschool-aged child. The simulated infant is also used for instructional purposes. This class is designed for the student who is interested in pursuing a career working with infants and young children.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

Teaching as a Career Sem. 1  
**ET2031**  
Teaching as a Career introduces students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. The course exposes students to and trains them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**COREQUISITES:** If you take this course, you must also take ET2032 - Teaching as a Career Sem. 2

Teaching as a Career Sem. 2  
**ET2032**  
Teaching as a Career introduces students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. The course exposes students to and trains them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**COREQUISITES:** If you take this course, you must also take ET2031 - Teaching as a Career Sem. 1

Human Growth and Development II Sem. 1  
**HS2021**  
Human Growth and Development II begins with the study of the elementary child and continues through the lifespan. This class focuses on growth and development through hands-on activities. The final portion of the class will be devoted to geriatric experiences. Students will learn skills necessary in working with the elderly and be exposed to wellness concepts specific to this age group.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**PREREQUISITE:** HS2011 - Human Growth and Development I Sem. 1 or HS2012 - Human Growth and Development I Sem. 2

Human Growth and Development II Sem. 2  
**HS2022**  
Human Growth and Development II begins with the study of the elementary child and continues through the lifespan. This class focuses on growth and development through hands-on activities. The final portion of the class will be devoted to geriatric experiences. Students will learn skills necessary in working with the elderly and be exposed to wellness concepts specific to this age group.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**PREREQUISITE:** HS2011 - Human Growth and Development I Sem. 1 or HS2012 - Human Growth and Development I Sem. 2
Teaching Internship Sem. 1

Teaching Internship prepares students to teach and guide others. This course provides opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques. Students are required to provide transportation to internship sites.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**PREREQUISITE:** ET2032 - Teaching as a Career Sem. 2

Teaching Internship Sem. 2

Teaching Internship prepares students to teach and guide others. This course provides opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques. Students are required to provide transportation to internship sites.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**PREREQUISITE:** ET2032 - Teaching as a Career Sem. 2

Classroom Tutor Sem. 1

Classroom Tutor provides students with work experience in fields related to education. Goals are set cooperatively by the student and the cooperating teacher. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**OTHER REQUIREMENTS:** Permission of Cooperating Instructor

Classroom Tutor Sem. 2

Classroom Tutor provides students with work experience in fields related to education. Goals are set cooperatively by the student and the cooperating teacher. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**OTHER REQUIREMENTS:** Permission of Cooperating Instructor
## English Language Arts

### Alternative Courses

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<th>Code</th>
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<td>0.5</td>
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<td>9-12</td>
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<td>English as a Second Language Sem. 2</td>
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<td>0.5</td>
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<td>9-12</td>
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<td>Literacy Workshop Sem. 1</td>
<td>106611</td>
<td>0.5</td>
<td>Regular</td>
<td>9-12</td>
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<tr>
<td>Literacy Workshop Sem. 2</td>
<td>106612</td>
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<td>Regular</td>
<td>9-12</td>
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<td>21st Century Journalism Sem. 1</td>
<td>110111</td>
<td>0.5</td>
<td>Regular</td>
<td>9-12</td>
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**English as a Second Language Sem. 1**

.5 or 1 credit/1 or 2 sem.

English as a Second Language (ESL) courses are designed for the progressive mastery of the English Language, focusing on reading, writing, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide and explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States. Students will complete an educational plan with the assigned counselor and the ESL teacher will monitor progress towards completion of the plan on a yearly basis. Non-credit diploma-seeking LEP exchange students will be approved for inclusion in an ESL class on an as-needed basis if space is available.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**English as a Second Language Sem. 2**

.5 or 1 credit/1 or 2 sem.

English as a Second Language (ESL) courses are designed for the progressive mastery of the English Language, focusing on reading, writing, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide and explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States. Students will complete an educational plan with the assigned counselor and the ESL teacher will monitor progress towards completion of the plan on a yearly basis. Non-credit diploma-seeking LEP exchange students will be approved for inclusion in an ESL class on an as-needed basis if space is available.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Literacy Workshop Sem. 1**

This course is designed to offer students an opportunity to further develop their reading skills. Skill development will be in the areas of comprehension, vocabulary, critical reading and study skills. Students will read six to eight young adult novels.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Literacy Workshop Sem. 2**

This course is designed to offer students an opportunity to further develop their reading skills. Skill development will be in the areas of comprehension, vocabulary, critical reading and study skills. Students will read six to eight young adult novels.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**21st Century Journalism Sem. 1**

21st Century Journalism students create news products using a range of digital media tools. Students explore the role the media has in society, the impact of the First Amendment in a democracy, and the legal and ethical responsibilities of journalists in the digital age. Students develop technical skills essential to journalistic writing including interviewing, story structure, and compelling story-telling techniques. Students will explore different mediums for communication, including online, social media, multimedia, and traditional media.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12
Digital Media D&P—Newspaper Sem. 1  

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**OTHER REQUIREMENTS:** Teacher Approval required

**COREQUISITES:** If you take this course, you must also take 110122 - Digital Media D&P—Newspaper Sem. 2

Digital Media D&P—Newspaper Sem. 2  

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 110121 - Digital Media D&P—Newspaper Sem. 1

Digital Media D&P—Yearbook Sem. 1  

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**OTHER REQUIREMENTS:** Teacher Approval required

**COREQUISITES:** If you take this course, you must also take 110132 - Digital Media D&P—Yearbook Sem. 2

Digital Media D&P—Yearbook Sem. 2  

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 110131 - Digital Media D&P—Yearbook Sem. 1

Debate I Fall Sem.  

offered first semester only

Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only. A $25.00 Co-Curricular fee is required for all Debate and Forensic students.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  

Debate I Fall Sem.  

115312
Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only. A $25.00 Co-Curricular fee is required for all Debate and Forensic students.

**Debate II Fall Sem.**

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<tr>
<td><strong>115321</strong></td>
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</table>

**Debate II Fall Sem.**

Offered first semester only

Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only. A $25.00 Co-Curricular fee is required for all Debate and Forensic students.

**Debate III Fall Sem.**

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**Debate III Fall Sem.**

Offered first semester only

Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only. A $25.00 Co-Curricular fee is required for all Debate and Forensic students.

**PREREQUISITE:** Debate I and II
Debate III Fall Sem.  
115332
offered first semester only
Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only. A $25.00 Co-Curricular fee is required for all Debate and Forensic students.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
PREREQUISITE: Debate I and II

Debate IV Fall Sem.  
115341
offered first semester only
Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only. A $25.00 Co-Curricular fee is required for all Debate and Forensic students.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
PREREQUISITE: Debate I and II

Debate IV Fall Sem.  
115342
offered first semester only
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CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
PREREQUISITE: Debate I and II

Forensics I Spring Sem.  
115461
second semester only
Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the
Forensics I Spring Sem.  
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A $25.00 Co-Curricular fee AND a $25.00 Activity Ticket are required for all Debate and Forensic students.  
CREDIT: 0.5       TYPE: Regular       GRADE: 9-12

Forensics II Spring Sem.  
second semester only
Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one Forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in Forensics. Forensics is offered second semester only.  
A $25.00 Co-Curricular fee AND a $25.00 Activity Ticket are required for all Debate and Forensic students.  
CREDIT: 0.5       TYPE: Regular       GRADE: 9-12
PREREQUISITE: Forensics I

Forensics III Spring Sem.  
second semester only
Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one Forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in Forensics. Forensics is offered second semester only.  
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A $25.00 Co-Curricular fee AND a $25.00 Activity Ticket are required for all Debate and Forensic students.

**Forensics IV Spring Sem.**

Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one Forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in Forensics. Forensics is offered second semester only. 

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**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**PREREQUISITE:** Forensics III

### Digital Journalism Sem. 2

510442

Through experience creating the school newspaper and news website or yearbook and photojournalism website, Digital Journalism students participate in the work flow of deadlines and see projects through from start to finish. Students explore reporting stories utilizing words, visual design, audio, video, photography, and social media.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**PREREQUISITE:** 110111 - 21st Century Journalism Sem. 1 or 110112 - 21st Century Journalism Sem. 2

### English Language Arts

#### English 9(FS) Intro to Lit/Comp(LHS) Sem. 1

100191

Ninth-grade English is a study of literature, composition, vocabulary and grammar. The literature program includes fiction, mythology, drama, and poetry. The composition program consists chiefly of expository writing of paragraphs and short themes incorporating the six writing traits. The work in vocabulary, grammar, dictionary and library skills, and spelling is a continuing process throughout the year.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9  
**COREQUISITES:** If you take this course, you must also take 100192 - English 9(FS) Intro to Lit/Comp(LHS) Sem. 2

#### English 9(FS) Intro to Lit/Comp(LHS) Sem. 2

100192

Ninth-grade English is a study of literature, composition, vocabulary and grammar. The literature program includes fiction, mythology, drama, and poetry. The composition program consists chiefly of expository writing of paragraphs and short themes incorporating the six writing traits. The work in vocabulary, grammar, dictionary and library skills, and spelling is a continuing process throughout the year.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9  
**COREQUISITES:** If you take this course, you must also take 100191 - English 9(FS) Intro to Lit/Comp(LHS) Sem. 1

#### Advanced English 9 (FS) Adv. Intro to Lit/Comp (LHS) Sem. 1

1001A1

Advanced English 9 offers an enriched program in literature, grammar, composition, spelling and vocabulary. Students need to have mastered the fundamentals of grammar study, basic capitalization, punctuation and writing skills before enrolling in the course. This is a rigorous course designed to challenge students in the study of English. Care should be taken prior to enrollment in Advanced English 9 to ensure that the student is willing and prepared to meet the demands of this course. The students and parents sign a contract indicating that they understand and agree to the class requirements.

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 9  
**COREQUISITES:** If you take this course, you must also take 1001A2 - Advanced English 9 (FS) Adv. Intro to Lit/Comp (LHS) Sem. 2

#### Advanced English 9 (FS) Adv. Intro to Lit/Comp (LHS) Sem. 2

1001A2

Advanced English 9 offers an enriched program in literature, grammar, composition, spelling and vocabulary. Students need to have mastered the fundamentals of grammar study, basic capitalization, punctuation and writing skills before enrolling in the course. This is a rigorous course designed to challenge students in the study of English. Care should be taken prior to enrollment in Advanced English 9 to ensure that the student is willing and prepared to meet the demands of this course. The students and parents sign a contract indicating that they understand and agree to the class requirements.
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<td>COREQUISITES: If you take this course, you must also take 1001A1 - Advanced English 9 (FS) Adv. Intro to Lit/Comp (LHS) Sem. 1</td>
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**Communication Skills 1 & 2 Sem. 1**

This course is designed for entering freshman who have been identified as needing intensive additional training in reading and writing skills.

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<tr>
<td>COREQUISITES: If you take this course, you must also take 100922 - Communication Skills 1 &amp; 2 Sem. 2</td>
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**Communication Skills 1 & 2 Sem. 2**

This course is designed for entering freshman who have been identified as needing intensive additional training in reading and writing skills.

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<tr>
<td>COREQUISITES: If you take this course, you must also take 100921 - Communication Skills 1 &amp; 2 Sem. 1</td>
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**English Individual Goals Sem. 1**

The students’ IEP will require enrolling in this course to meet Kansas Extended Standards and graduation requirements. The objectives of this course are to teach skills in vocabulary, spelling, reading, writing and speaking. Students will learn to apply reading, writing and speaking skills successfully while participating in selected classes, employment, family living and social situations. Classroom instruction focuses on learning strategies and application of skills to “real-life” situations.

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<td>OTHER REQUIREMENTS: Recommendation Required</td>
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<tr>
<td>COREQUISITES: If you take this course, you must also take 100912 - English Individual Goals Sem. 2</td>
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**English Individual Goals Sem. 2**

The students’ IEP will require enrolling in this course to meet Kansas Extended Standards and graduation requirements. The objectives of this course are to teach skills in vocabulary, spelling, reading, writing and speaking. Students will learn to apply reading, writing and speaking skills successfully while participating in selected classes, employment, family living and social situations. Classroom instruction focuses on learning strategies and application of skills to “real-life” situations.

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**English 10 Sem. 1**

Fall Semester only
Students will read and study from a selection of literature, selected short stories, essays, and poems. Students will write a research paper (Big 6 Unit), as well as persuasive essays (2-3 pages), response paragraphs, and other writing assignments as designated. The Six-Trait Analytical Rubric is also used for scoring of writing projects.

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<tr>
<td>COREQUISITES: If you take this course, you must also take 100292 - English 10 Sem. 2</td>
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**English 10 Sem. 2**

Fall Semester only
Students will read and study from a selection of literature, selected short stories, essays, and poems. Students will write a research paper (Big 6 Unit), as well as persuasive essays (2-3 pages), response paragraphs, and other writing assignments as designated. The Six-Trait Analytical Rubric is also used for scoring of writing projects.
### Advanced English 10 Sem. 1

**1002A1**

**Fall Semester only**

This course is for those students who have mastered grammar and are ready for accelerated review and practice in using the more complex structures of our language. Advanced English 10 is designed to challenge students and develop higher-level critical and creative thinking skills through the study of literature. Emphasis will be placed on writing as a process, and particular attention will be given to developing skills in revision. Class activities are created to improve reading, writing, thinking, speaking and listening skills, and each student should be prepared and highly motivated in order to meet the rigorous reading and writing demands of this course. A substantial amount of time must be spent on work outside of class to be successful. Students may be asked to complete a contract prior to enrolling in the class.

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 10  
**COREQUISITES:** If you take this course, you must also take 1002A2 - Advanced English 10 Sem. 2

### Advanced English 10 Sem. 2

**1002A2**

**Fall Semester only**

This course is for those students who have mastered grammar and are ready for accelerated review and practice in using the more complex structures of our language. Advanced English 10 is designed to challenge students and develop higher-level critical and creative thinking skills through the study of literature. Emphasis will be placed on writing as a process, and particular attention will be given to developing skills in revision. Class activities are created to improve reading, writing, thinking, speaking and listening skills, and each student should be prepared and highly motivated in order to meet the rigorous reading and writing demands of this course. A substantial amount of time must be spent on work outside of class to be successful. Students may be asked to complete a contract prior to enrolling in the class.

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 10  
**COREQUISITES:** If you take this course, you must also take 1002A1 - Advanced English 10 Sem. 1

### Appreciation of Literature (FS) Sem. 1

**105311**

This course is designed to increase the student’s knowledge and appreciation of literature through a better understanding of the structure of the various types of literature. An intensive study of each form—the short story, the drama, the essay, the biography, the poem, and the novel—will be made so that the student gains a better knowledge of how a literary work operates.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10

### Appreciation of Literature (FS) Sem. 2

**105312**

This course is designed to increase the student’s knowledge and appreciation of literature through a better understanding of the structure of the various types of literature. An intensive study of each form—the short story, the drama, the essay, the biography, the poem, and the novel—will be made so that the student gains a better knowledge of how a literary work operates.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10

### Pre-AP World Lit/Comp I (LHS) Fall Sem.

**105821**

**Fall semester only**

This course will have a composition focus supported by literary study. Students will engage in literature from ancient civilizations (Sumerian, Egyptian, etc.), through the rise of Asian cultures, and up to the rise of Classical civilizations, including literature of Greece and Rome. Contemporary texts will be used to enhance and inform literature of the ancient past. Various modes of composition for both the academic and workplace environments will be introduced and studied, and there will be a continued focus on correct grammatical usage. As an advanced course, the length of writings and readings will be more demanding, and the text complexity of the literature will prove more rigorous.

**CREDIT:** 0.5  
**TYPE:** Pre-Advanced Placement  
**GRADE:** 10  
**PREREQUISITE:** completion of grade 9 courses

### Pre-AP World Lit/Comp II (LHS) Spring Sem.

**105832**
Spring Semester Only
This course will have a literary focus supported by composition study. Students will engage in literature of the Middle Ages, the Renaissance, the Romantic Period, and the Modern world. Contemporary texts will be used to enhance, augment, and inform the discussion. Various modes of composition for the academic environment will be introduced and studied, and there will be a continued focus on correct grammatical usage.

CREDIT: 0.5  TYPE: Pre-Advanced Placement  GRADE: 10
PREREQUISITE: completion of grade 9 courses and World Lit/Comp I

World Lit/Comp I (LHS) Fall Sem.  WORLDLT1
Fall semester only
This course will have a composition focus supported by literary study. Students will engage in literature from ancient civilizations (Sumerian, Egyptian, etc.), through the rise of Asian cultures, and up to the rise of Classical civilizations, including literature of Greece and Rome. Contemporary texts will be used to enhance and inform literature of the ancient past. Various modes of composition for both the academic and workplace environments will be introduced and studied, and there will be a continued focus on correct grammatical usage.

CREDIT: 0.5  TYPE: Regular  GRADE: 10
PREREQUISITE: completion of grade 9 courses

World Lit/Comp II (LHS) Spring Sem.  WORLDLT2
Spring Semester Only
This course will have a literary focus supported by composition study. Students will engage in literature of the Middle Ages, the Renaissance, the Romantic Period, and the Modern world. Contemporary texts will be used to enhance, augment, and inform the discussion. Various modes of composition for the academic environment will be introduced and studied, and there will be a continued focus on correct grammatical usage.

CREDIT: 0.5  TYPE: Regular  GRADE: 10
PREREQUISITE: completion of grade 9 courses and World Lit/Comp I

The Epic Tradition Fall Sem.  106111
Spring Semester Only
The purpose of this course is to understand the beginnings of the literature of Western civilization, to recognize the basis for classical allusions in Western literature, to appreciate the values and attitudes of Greek and Roman heroes, and to see the influence of Homer on authors such as Virgil and Dante. This course is designed for the student who wants a background in classical literature. Some modern poetry will also be studied in order to recognize classical allusions. A term paper is a requirement for passing the course.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: 100192 - English 9(FS) Intro to Lit/Comp(LHS) Sem. 2 or 1001A2 - Advanced English 9 (FS) Adv. Intro to Lit/Comp (LHS) Sem. 2

The Epic Tradition Spring Sem.  106112
Spring Semester Only
The purpose of this course is to understand the beginnings of the literature of Western civilization, to recognize the basis for classical allusions in Western literature, to appreciate the values and attitudes of Greek and Roman heroes, and to see the influence of Homer on authors such as Virgil and Dante. This course is designed for the student who wants a background in classical literature. Some modern poetry will also be studied in order to recognize classical allusions. A term paper is a requirement for passing the course.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: 100192 - English 9(FS) Intro to Lit/Comp(LHS) Sem. 2 or 1001A2 - Advanced English 9 (FS) Adv. Intro to Lit/Comp (LHS) Sem. 2

AP English Lang. & Comp I (LHS) Fall Sem.  100511
Fall Semester Only
This course is designed to help students become skilled readers of pre-colonial-late 19th Century American prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their
writing and reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Emphasis will be placed on content, purpose, and audience to allow this focus to guide the organization of student writing. A substantial amount of time must be spent on work outside of class to be successful. It is intended that students enrolled in this course will take the AP English Language and Composition Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11

**PREREQUISITE:** Completion of grade 9 and 10 courses

**AP English Lang. & Comp. II (LHS) Spring Sem.**

**100522**

**Spring Semester Only**

This course is designed to help students become skilled readers of late 19th Century and 20th Century American prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Writing and reading assignments will expand on instruction from the previous semester and will continue to explore interactions among a writer’s purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Emphasis on content, purpose, and audience will be the guide to organization of student writing. A substantial amount of time must be spent on work outside of class to be successful. It is intended that students enrolled in this course will take the AP English Language and Composition Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11

**PREREQUISITE:** Completion of grade 9 and 10 courses AND AP English Lang. & Lit. I

**American Literature I Sem. 1**

**105491**

This course is designed to acquaint the student with America’s literary periods through the nineteenth century and to give the student a solid background in early American literature as a basis for further study, particularly in contemporary writing. This course is required of all juniors. This course may include works by Hawthorne, Thoreau, Twain, and Melville. American Literature I is a prerequisite to American Literature II.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11

**American Literature I Sem. 2**

**105492**

This course is designed to acquaint the student with America’s literary periods through the nineteenth century and to give the student a solid background in early American literature as a basis for further study, particularly in contemporary writing. This course is required of all juniors. This course may include works by Hawthorne, Thoreau, Twain, and Melville. American Literature I is a prerequisite to American Literature II.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11

**Advanced American Literature Sem. 1**

**1054A1**

This course spans the same literary periods as American Literature I but provides more depth and explores additional essays, poems, and novels. It is helpful preparation for college literature courses. A semester project is required. To be successful, students must spend a substantial amount of time on work outside of class.

**CREDIT:** 0.5  **TYPE:** Advanced  **GRADE:** 11

**Advanced American Literature Sem. 2**

**1054A2**

This course spans the same literary periods as American Literature I but provides more depth and explores additional essays, poems, and novels. It is helpful preparation for college literature courses. A semester project is required. To be successful, students must spend a substantial amount of time on work outside of class.

**CREDIT:** 0.5  **TYPE:** Advanced  **GRADE:** 11

**AP Seminar Sem. 1**

**121061**

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic
works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. AP Seminar serves as one of two required courses for completion of the AP Capstone Program. AP Seminar is a prerequisite for AP Research.

**AP Seminar Sem. 2**

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. AP Seminar serves as one of two required courses for completion of the AP Capstone Program. AP Seminar is a prerequisite for AP Research.

**Communication Skills III/IV Sem. 1**

This course is offered for students who show a continued need for help in basic skills of reading and writing.

**Communication Skills III/IV Sem. 2**

This course is offered for students who show a continued need for help in basic skills of reading and writing.

**American Literature II Sem. 1**

This course is designed for students with an interest in modern American literature. Representative American writers such as Hemingway, Cather, Wilder, Faulkner, Fitzgerald, Hughes, Hurston, Miller, and Steinbeck will be among those studied. The course includes the study of essays, poetry, plays and novels. The material covers roughly 1900 to the present.

**American Literature II Sem. 2**

This course is designed for students with an interest in modern American literature. Representative American writers such as Hemingway, Cather, Wilder, Faulkner, Fitzgerald, Hughes, Hurston, Miller, and Steinbeck will be among those studied. The course includes the study of essays, poetry, plays and novels. The material covers roughly 1900 to the present.

**British Literature Sem. 1**

The purpose of this course is to gain appreciation of various types of literature, to become aware of trends and periods in British literature and to trace the changing values of Western Civilization as reflected in British literature from the Anglo-Saxon Period through the Romantic Age. The course is designed for students who want to investigate the culture which produced such writers as Chaucer, Shakespeare and Pope. A term project is required.
**British Literature Sem. 2**

The purpose of this course is to gain appreciation of various types of literature, to become aware of trends and periods in British literature and to trace the changing values of Western Civilization as reflected in British literature from the Anglo-Saxon Period through the Romantic Age. The course is designed for students who want to investigate the culture which produced such writers as Chaucer, Shakespeare and Pope. A term project is required.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** completion of required ELA courses for grade 9, grade 10, and grade 11

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**Science Fiction & Fantasy Sem. 1**

This course investigates the characteristics which distinguish science fiction and presents its development from the nineteenth century through the late twentieth century. Reading, writing, and research focus on the technological, social, philosophical, and historical developments which affect the condition of humanity and the future of the world. Several novels, short stories and essays by such authors as Wells, Orwell, Bradbury, Clarke, Asimov and others will provide background for the student's further study. Due to the extensive reading requirements, this course is recommended for average and above-average readers. A term project is required.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** completion of required ELA courses for grade 9, grade 10, and grade 11

---

**Science Fiction & Fantasy Sem. 2**

This course investigates the characteristics which distinguish science fiction and presents its development from the nineteenth century through the late twentieth century. Reading, writing, and research focus on the technological, social, philosophical, and historical developments which affect the condition of humanity and the future of the world. Several novels, short stories and essays by such authors as Wells, Orwell, Bradbury, Clarke, Asimov and others will provide background for the student’s further study. Due to the extensive reading requirements, this course is recommended for average and above-average readers. A term project is required.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** completion of required ELA courses for grade 9, grade 10, and grade 11

---

**Comparative Mythology Sem.1**

The purpose of this course is to explore human beings’ persistent attempts to explain the unintelligible through the creation of myth and fantasy. Students will investigate recurrent motifs in a comparative study of Sumerian, Hebrew, Greek, Norse, Native American, and African American myths. In addition, students will examine the influence of fantasy and culture. Above-average reading proficiency is recommended for students in this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** completion of required ELA courses for grade 9, grade 10, and grade 11

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**Comparative Mythology Sem.2**

The purpose of this course is to explore human beings’ persistent attempts to explain the unintelligible through the creation of myth and fantasy. Students will investigate recurrent motifs in a comparative study of Sumerian, Hebrew, Greek, Norse, Native American, and African American myths. In addition, students will examine the influence of fantasy and culture. Above-average reading proficiency is recommended for students in this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** completion of required ELA courses for grade 9, grade 10, and grade 11

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**Topics In: A Woman’s Place: Women in Literature & the World (LHS) Fall Sem.**

Fall only

This course will look critically at the roles of women as depicted by artists and critics. Music and film, as well as visual representations, will be studied alongside poetry, short fiction, essays, and novels related to female experience. Students will confront gender stereotypes while analyzing how negative and positive views of women are created, perpetuated,
and destroyed around the world. Formal academic essays as well as narrative and creative work will be written, culminating in a term paper and project related to some aspect of female experience at the end of the semester. Texts studied may include but are not limited to the novels Jane Eyre, The Handmaid's Tale, and Beloved and the films Dogfight and Born Into Brothels, as well as assorted short stories, poems, and essays.

**Topics In: A Woman’s Place: Women in Literature & the World (LHS) Spring Sem.**

**Fall only**
This course will look critically at the roles of women as depicted by artists and critics. Music and film, as well as visual representations, will be studied alongside poetry, short fiction, essays, and novels related to female experience. Students will confront gender stereotypes while analyzing how negative and positive views of women are created, perpetuated, and destroyed around the world. Formal academic essays as well as narrative and creative work will be written, culminating in a term paper and project related to some aspect of female experience at the end of the semester. Texts studied may include but are not limited to the novels Jane Eyre, The Handmaid's Tale, and Beloved and the films Dogfight and Born Into Brothels, as well as assorted short stories, poems, and essays.

**Topics In: Writing the Environment - Nature and Ecology (LHS) Fall Sem.**

**Spring only**
This course considers possible answers to the questions: What is nature? What is the environment? What is the relationship between people and the natural environment and how can this relationship be enhanced by creative writing and service projects? The course will include literary study of long and short form journalism, a book-length work of non-fiction and a book-length work of fiction, short non-fiction and fiction, poetry, and film. It will also include writing of creative non-fiction, eco-critical literary analysis essays, a portfolio of originally created poetry, a film review, a service project (inspired by Wangari Maathai’s Unbowed), and participation in an outdoor education project. In addition, the course will include digital and print research. It will be both a scholarly and hands-on course—both of which will be treated with rigor and intensity.

**Topics In: Writing the Environment - Nature and Ecology (LHS) Spring Sem.**

**Spring only**
This course considers possible answers to the questions: What is nature? What is the environment? What is the relationship between people and the natural environment and how can this relationship be enhanced by creative writing and service projects? The course will include literary study of long and short form journalism, a book-length work of non-fiction and a book-length work of fiction, short non-fiction and fiction, poetry, and film. It will also include writing of creative non-fiction, eco-critical literary analysis essays, a portfolio of originally created poetry, a film review, a service project (inspired by Wangari Maathai’s Unbowed), and participation in an outdoor education project. In addition, the course will include digital and print research. It will be both a scholarly and hands-on course—both of which will be treated with rigor and intensity.

**Reading & Writing of Poetry (LHS) Fall Sem.**

(Spring or Fall—alternating years)
This course is designed to stimulate, guide, and encourage students who wish to create original poetry. Students will study the elements of effective closed form and open form lyric poetry and apply those techniques and structures to
their own imaginative concepts. In addition, students will learn how famous writers write, how to edit and rewrite creative efforts, and how to submit work for publication.

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<tr>
<th>Course</th>
<th>Semester</th>
<th>CRN</th>
<th>Description</th>
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<tbody>
<tr>
<td>Reading &amp; Writing of Poetry (LHS) Spring Sem.</td>
<td></td>
<td>106162</td>
<td>This course is designed to stimulate, guide, and encourage students who wish to create original poetry. Students will study the elements of effective closed form and open form lyric poetry and apply those techniques and structures to their own imaginative concepts. In addition, students will learn how famous writers write, how to critique their peers' writing, how to edit and rewrite creative efforts, and how to submit work for publication.</td>
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<tr>
<td>Reading &amp; Writing of Fiction (LHS) Fall Sem.</td>
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<td>106171</td>
<td>This course is designed to stimulate, guide, and encourage students who wish to create original short fiction. Students will study the elements of effective narration and apply those techniques and structures to their own imaginative concepts. In addition, students will learn how famous writers write, how to critique their peers' writing, how to edit and rewrite creative efforts, and how to submit work for publication.</td>
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<tr>
<td>Reading &amp; Writing of Fiction (LHS) Spring Sem.</td>
<td></td>
<td>106172</td>
<td>This course is designed to stimulate, guide, and encourage students who wish to create original short fiction. Students will study the elements of effective narration and apply those techniques and structures to their own imaginative concepts. In addition, students will learn how famous writers write, how to critique their peers' writing, how to edit and rewrite creative efforts, and how to submit work for publication.</td>
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<tr>
<td>Humanities I (LHS) Fall Sem.</td>
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<td>106411</td>
<td>This multi-disciplinary course involves the study of a culture through the examination of its belief and value systems, rules, customs, and artifacts, particularly as reflected in the fine arts – language, literature, art, music, dance and cinema. Students will study selected past cultures of Western Civilization. Research and creative projects are required. In addition, students will write reaction papers and tests over material examining various art forms as well as the works of specific artists. The course may be taken for English or Fine Arts credit. Humanities I will cover early recorded history through 1600.</td>
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<tr>
<td>Humanities I (LHS) Spring Sem.</td>
<td></td>
<td>106412</td>
<td>This multi-disciplinary course involves the study of a culture through the examination of its belief and value systems, rules, customs, and artifacts, particularly as reflected in the fine arts – language, literature, art, music, dance and cinema. Students will study selected past cultures of Western Civilization. Research and creative projects are required. In addition, students will write reaction papers and tests over material examining various art forms as well as the works of specific artists. The course may be taken for English or Fine Arts credit. Humanities II will cover 1600 through the mid-20th century.</td>
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<td>Course Description</td>
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<tr>
<td>Creative Writing Sem. 1</td>
<td>110411</td>
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<td>This advanced writing course is designed to stimulate, guide, and encourage students who wish to create original poetry and short fiction. In addition, students will learn how famous writers write, how to critique their peers’ writing, how to edit and rewrite creative efforts, and how to submit work for publication.</td>
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<td>CREDIT: 0.5 TYPE: Regular GRADE: 11-12</td>
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<td>PREREQUISITE: completion of required ELA courses for grade 9, grade 10, and grade 11</td>
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<tr>
<td>Creative Writing Sem. 2</td>
<td>110412</td>
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<td>This advanced writing course is designed to stimulate, guide, and encourage students who wish to create original poetry and short fiction. In addition, students will learn how famous writers write, how to critique their peers’ writing, how to edit and rewrite creative efforts, and how to submit work for publication.</td>
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<tr>
<td>Public Speaking (LHS) Sem. 1</td>
<td>115111</td>
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<td>This course engages students in a number of communication contexts, including the examination of public discourse, the exploration of group dynamics, the preparation and delivery of a number of speeches, as well as the investigation of the power of language in all communication venues. Students should expect to identify the basic communication model, read and analyze classic and contemporary speeches, compose and deliver a number of original speeches, and reflect on their own communication skills. This performance class will sharpen students’ public speaking, thinking, and research skills and is appropriate for both college and career readiness.</td>
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<tr>
<td>Public Speaking (LHS) Sem. 2</td>
<td>115112</td>
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<td>This course engages students in a number of communication contexts, including the examination of public discourse, the exploration of group dynamics, the preparation and delivery of a number of speeches, as well as the investigation of the power of language in all communication venues. Students should expect to identify the basic communication model, read and analyze classic and contemporary speeches, compose and deliver a number of original speeches, and reflect on their own communication skills. This performance class will sharpen students’ public speaking, thinking, and research skills and is appropriate for both college and career readiness.</td>
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<tr>
<td>Contemporary Literature (LHS) Sem. 1</td>
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<td>This course is designed to engage students in careful reading and analysis of literature written from the early twentieth century to the present. The focus is on thematic parallels between the works studied and the creation of academic essays that illustrate an understanding of and ability to use analysis to discern and discuss those themes. Students will read poetry, dramas, short stories, and novels as well as non-fiction pieces to augment and inform the imaginative literature. The literature chosen will reflect different cultural, political, social, and historical perspectives in an effort to provide the student with a global perspective on the world in which s/he lives. The writing in this course is entirely based on the works studied and therefore reading outside of class is a necessity.</td>
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<tr>
<td>Contemporary Literature (LHS) Sem. 2</td>
<td>CONTLIT2</td>
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<tr>
<td>This course is designed to engage students in careful reading and analysis of literature written from the early twentieth century to the present. The focus is on thematic parallels between the works studied and the creation of academic essays that illustrate an understanding of and ability to use analysis to discern and discuss those themes. Students will read poetry, dramas, short stories, and novels as well as non-fiction pieces to augment and inform the imaginative literature. The literature chosen will reflect different cultural, political, social, and historical perspectives in an effort to</td>
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**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** completion of required ELA courses for grade 9, grade 10, and grade 11

### AP English Literature and Composition Sem. 1 100611

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. Advanced Placement English is designed to engage students in the careful reading and critical analysis of imaginative literature. Students will study literary structures, styles, and themes, as well as such smaller-scale elements of narrative technique as figurative language, imagery, diction, and tone. Students will read poetry, drama, short stories, and novels. A substantial amount of time must be spent on work outside of class to be successful. It is intended that students enrolled in this course will take the Advanced Placement English Literature and Composition exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

This course will be weighted on student transcripts. Both a weighted GPA and a non-weighted GPA will be reported.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take 100612 - AP English Literature and Composition Sem. 2

### AP English Literature and Composition Sem. 2 100612

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. Advanced Placement English is designed to engage students in the careful reading and critical analysis of imaginative literature. Students will study literary structures, styles, and themes, as well as such smaller-scale elements of narrative technique as figurative language, imagery, diction, and tone. Students will read poetry, drama, short stories, and novels. A substantial amount of time must be spent on work outside of class to be successful. It is intended that students enrolled in this course will take the Advanced Placement English Literature and Composition exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

This course will be weighted on student transcripts. Both a weighted GPA and a non-weighted GPA will be reported.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take 100611 - AP English Literature and Composition Sem. 1

### World Literature Sem. 1 105811

This course will explore how people of different races, time periods and cultures have viewed some of our greater questions: Is there a God? If so, does God play an active role in our world? What is humanity's place in the scheme of things? What is the role of woman? The course will also deal with tests of the human spirit: love, war, materialism and isolation. Students will read literature from France, Germany, Russia, South Africa and Ancient Greece. The course will include such authors as Sophocles, Shakespeare, Voltaire, Tolstoy, Dostoevski, Paton, Rostand, Flaubert, Camus and Mann.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

### World Literature Sem. 2 105812

This course will explore how people of different races, time periods and cultures have viewed some of our greater questions: Is there a God? If so, does God play an active role in our world? What is humanity's place in the scheme of things? What is the role of woman? The course will also deal with tests of the human spirit: love, war, materialism and isolation. Students will read literature from France, Germany, Russia, South Africa and Ancient Greece. The course will include such authors as Sophocles, Shakespeare, Voltaire, Tolstoy, Dostoevski, Paton, Rostand, Flaubert, Camus and Mann.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

### Twentieth-Century Literature Sem. 1 106211

This course is designed for students who want to read and discuss major twentieth-century thinkers and artists. Students will read three or four novels, several plays, poetry, short stories and essays by the following representative

**Twentieth-Century Literature Sem. 2**

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<th>CREDIT: 0.5</th>
<th>TYPE: Regular</th>
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This course is designed for students who want to read and discuss major twentieth-century thinkers and artists. Students will read three or four novels, several plays, poetry, short stories and essays by the following representative writers: Angelou, O'Neill, Kesey, Remarque, Huxley, Salinger, Williams, Hughes, Shaw, Hansberry, Hemingway, Hurston, Beckett, O'Brien, Eliot and Yeats.

**Myth, Fantasy, and Folklore Sem. 1**

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<th>CREDIT: 0.5</th>
<th>TYPE: Regular</th>
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This course will include many myths, legends, fairy tales and folk tales. It is offered for students who show a continued need to improve reading and writing skills.

**Myth, Fantasy, and Folklore Sem. 2**

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This course will include many myths, legends, fairy tales and folk tales. It is offered for students who show a continued need to improve reading and writing skills.

**Writing for the College Bound (FS) College Writing (LHS) Sem. 1**

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<th>CREDIT: 0.5</th>
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The purpose of this course is to emphasize essay writing for students who intend to go to college. During the semester, students will write six to seven essays, in class and out, of varying lengths. In addition, various other writing exercises will be required so that students are writing almost every day. Students will learn to write effective introductions and conclusions, to organize their thoughts, to illustrate ideas with specific details, and to revise their papers. A semester paper will be required.

**Writing for the College Bound (FS) College Writing (LHS) Sem. 2**

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**ENGL 101 Composition - University of Kansas Sem. 1**

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<th>CREDIT: 0.5</th>
<th>TYPE: Regular</th>
<th>GRADE: 12</th>
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This is a concurrent credit course for students wishing to earn college credit while attending high school. Students will analyze how language and rhetorical choice vary across texts, demonstrate their rhetorical flexibility with and beyond academic writing, and revise to improve their own writing. All students enrolled will be required to apply as a non-degree seeking student to the University of Kansas. Students will be required to pay tuition and fees to the University of Kansas totaling $309.00. This course utilizes the same curriculum, assessments, standards of achievement and grading practice as expected of students on-campus college students.

KU Course Description: Composition. Instruction and practice in writing in a variety of rhetorical contexts, including academic ones.

To learn more about concurrent credit courses offered through a partnership between USD 497 and the Lawrence Public Schools, please visit www.usd497.org/kuconcurrentcredit

**COURSE NOTE:** Course Fee: $309 assessed by the University of Kansas
**PREREQUISITE:** Completion of 9th and 10th grade English courses with a grade of A or B

**ENGL 101 Composition - University of Kansas Sem. 2**

1103C2

This is a concurrent credit course for students wishing to earn college credit while attending high school. Students will analyze how language and rhetorical choice vary across texts, demonstrate their rhetorical flexibility with and beyond academic writing, and revise to improve their own writing. All students enrolled will be required to apply as a non-degree seeking student to the University of Kansas. Students will be required to pay tuition and fees to the University of Kansas totaling $309.00. This course utilizes the same curriculum, assessments, standards of achievement and grading practice as expected of students on-campus college students.

KU Course Description: Composition. Instruction and practice in writing in a variety of rhetorical contexts, including academic ones.

To learn more about concurrent credit courses offered through a partnership between USD 497 and the Lawrence Public Schools, please visit www.usd497.org/kuconcurrentcredit

**COURSE NOTE:** Course Fee: $309 assessed by the University of Kansas

CREDIT: 0.5    TYPE: Regular    GRADE: 12

**PREREQUISITE:** Completion of 9th and 10th grade English courses with a grade of A or B

**Writing and Communications Sem. 1**

199211

This course is designed to develop skills necessary to prepare seniors for real-world communication expectations in real-world/working situations (College Writing is recommended for college-bound seniors seeking academic writing skills). This course is intended to bolster confidence in basic reading, writing, speaking, and vocabulary, and serves students struggling with basic skills in these areas. Students can expect to read, write, and speak about socially significant issues facing young adults today. The focus will be on developing real world written and verbal skills and on developing critical, thoughtful, and mechanically accurate responses from socially conscious young adults.

CREDIT: 0.5    TYPE: Regular    GRADE: 12

**Writing and Communications Sem. 2**

199212

This course is designed to develop skills necessary to prepare seniors for real-world communication expectations in real-world/working situations (College Writing is recommended for college-bound seniors seeking academic writing skills). This course is intended to bolster confidence in basic reading, writing, speaking, and vocabulary, and serves students struggling with basic skills in these areas. Students can expect to read, write, and speak about socially significant issues facing young adults today. The focus will be on developing real world written and verbal skills and on developing critical, thoughtful, and mechanically accurate responses from socially conscious young adults.

CREDIT: 0.5    TYPE: Regular    GRADE: 12

**Coming of Age: Literature & Composition Sem. 1**

LITCOM1

This course focuses on the individual as a unique, professional, and functioning member of a larger community. The course includes works of nonfiction and fiction with an emphasis on non-fiction and narrative reading and writing. This course is offered for students who show a continued need to improve reading and writing skills.

CREDIT: 0.5    TYPE: Regular    GRADE: 12

**OTHER REQUIREMENTS:** Recommendation Required

**Coming of Age: Literature & Composition Sem. 2**

LITCOM2

This course focuses on the individual as a unique, professional, and functioning member of a larger community. The course includes works of nonfiction and fiction with an emphasis on non-fiction and narrative reading and writing. This course is offered for students who show a continued need to improve reading and writing skills.

CREDIT: 0.5    TYPE: Regular    GRADE: 12

**OTHER REQUIREMENTS:** Recommendation Required
Business Essentials Sem. 1  
**BF1011**

Business Essentials is an introductory business class. It will provide students with a basic understanding of business in our economy. A few of the topics are: our economic system, supply and demand, the stock market, banking, business management, and marketing. Throughout the semester the students will work on individual and group projects, research and present information, use interactive websites and software, and view videos. This course will provide a gateway to the other business courses offered at the high school.

Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

Business Essentials Sem. 2  
**BF1012**

Business Essentials is an introductory business class. It will provide students with a basic understanding of business in our economy. A few of the topics are: our economic system, supply and demand, the stock market, banking, business management, and marketing. Throughout the semester the students will work on individual and group projects, research and present information, use interactive websites and software, and view videos. This course will provide a gateway to the other business courses offered at the high school.

Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

Accounting I Sem. 1  
**BF2011**

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

Accounting I Sem. 2  
**BF2012**

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

Accounting II Sem. 1  
**BF2021**

Accounting II allows students to continue to develop their understanding of accounting principles. Through a practical, hands-on approach the students will use accounting tools, such as Excel, QuickBooks, and the Internet, to analyze financial data for a merchandising business. They will interpret financial data to assist in business decision-making. A simulation packet will be used to provide a realistic environment for the students to work and learn as accountants.

Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**PREREQUISITE:** BF2011 - Accounting I Sem. 1 or BF2012 - Accounting I Sem. 2

Accounting II Sem. 2  
**BF2022**

Accounting II allows students to continue to develop their understanding of accounting principles. Through a practical, hands-on approach the students will use accounting tools, such as Excel, QuickBooks, and the Internet, to analyze financial data for a merchandising business. They will interpret financial data to assist in business decision-making. A simulation packet will be used to provide a realistic environment for the students to work and learn as accountants.

Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**PREREQUISITE:** BF2011 - Accounting I Sem. 1 or BF2012 - Accounting I Sem. 2
Entrepreneurship Sem. 1  
Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)  
**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

Entrepreneurship Sem. 2  
Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)  
**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

Business Economics Sem. 1  
Business Economics integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/ business concepts (such as marketing principles, business law, and risk). Upon completion of the course students will understand the future implications of their personal spending, saving and credit decisions, and how similar economic decisions affect the economic markets globally.  
**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12  
**PREREQUISITE:** BF1011 - Business Essentials Sem. 1 or BF1012 - Business Essentials Sem. 2

Business Economics Sem. 2  
Business Economics integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/ business concepts (such as marketing principles, business law, and risk). Upon completion of the course students will understand the future implications of their personal spending, saving and credit decisions, and how similar economic decisions affect the economic markets globally.  
**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12  
**PREREQUISITE:** BF1011 - Business Essentials Sem. 1 or BF1012 - Business Essentials Sem. 2

Banking and Finance Sem. 1  
Banking and Finance provides students with an overview of the American monetary and banking system as well as types of financial institutions and services and products they offer. The course content includes government regulations; checking, savings, and money market accounts; loans; investments; and negotiable instruments.  
**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12  
**PREREQUISITE:** Application Required

Banking and Finance Sem. 2  
Banking and Finance provides students with an overview of the American monetary and banking system as well as types of financial institutions and services and products they offer. The course content includes government regulations; checking, savings, and money market accounts; loans; investments; and negotiable instruments.  
**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12  
**PREREQUISITE:** Application Required

Investments Sem. 1  
Students taking this course will learn about the fundamental principals of investments and financial planning. The goal of this course is to equip students with the tools necessary to make good money-management decisions. Students will develop budgeting and savings skills, complete tax forms, deal with debt and credit issues, develop investment
strategies, estimate risk-return tradeoffs, set short and long-term goals, and discuss consumer protection strategies.

Students will use the internet, simulations and projects to enhance their learning experience.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

**Investments Sem. 2**

**BF3122**

Students taking this course will learn about the fundamental principals of investments and financial planning. The goal of this course is to equip students with the tools necessary to make good money-management decisions. Students will develop budgeting and savings skills, complete tax forms, deal with debt and credit issues, develop investment strategies, estimate risk-return tradeoffs, set short and long-term goals, and discuss consumer protection strategies. Students will use the internet, simulations and projects to enhance their learning experience.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

**Personal Finance Sem. 1**

**HS2121**

Students taking this course will learn about the fundamental principles of managing their personal finances. The goal of this course is to help students develop the skills necessary to make good money-management decisions that can lead to financial independence. Students will research career and college options, develop budgeting and savings skills, complete tax forms, deal with debt and credit issues, develop investment strategies, set short and long-term goals, and discuss consumer protection strategies. Students will use real world resources, projects and simulations to enhance their learning experience.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

**Personal Finance Sem. 2**

**HS2122**

Students taking this course will learn about the fundamental principles of managing their personal finances. The goal of this course is to help students develop the skills necessary to make good money-management decisions that can lead to financial independence. Students will research career and college options, develop budgeting and savings skills, complete tax forms, deal with debt and credit issues, develop investment strategies, set short and long-term goals, and discuss consumer protection strategies. Students will use real world resources, projects and simulations to enhance their learning experience.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

**Advanced Accounting I Sem. 1**

**BF3011**

This course expands upon the foundational accounting principles and procedures used in business. The students will work within a departmental accounting structure to calculate and analyze purchases, sales, payroll, depreciation, and periodic adjustments. Students will use auditing principles to prepare budgets and final reports. QuickBooks, Excel, the Internet, and a simulated business activity will be used to enhance learning and problem-solving.

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12

PREREQUISITE: BF2021 - Accounting II Sem. 1 or BF2022 - Accounting II Sem. 2

**Advanced Accounting I Sem. 2**

**BF3012**

This course expands upon the foundational accounting principles and procedures used in business. The students will work within a departmental accounting structure to calculate and analyze purchases, sales, payroll, depreciation, and periodic adjustments. Students will use auditing principles to prepare budgets and final reports. QuickBooks, Excel, the Internet, and a simulated business activity will be used to enhance learning and problem-solving.

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12

PREREQUISITE: BF2021 - Accounting II Sem. 1 or BF2022 - Accounting II Sem. 2

**Advanced Accounting II Sem. 1**

**BF3021**

This course allows students to apply accounting theory through practical, hands-on exercises. The students will work within a corporate accounting setting to buy and sell stock, record dividends, purchase bonds, and calculate income tax. They will also develop management accounting skills by calculating and analyzing cash flow, break even point, and earnings performance to make decisions regarding the future profitability of a business.

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12
**Advanced Accounting II Sem. 2**

This course allows students to apply accounting theory through practical, hands-on exercises. The students will work within a corporate accounting setting to buy and sell stock, record dividends, purchase bonds, and calculate income tax. They will also develop management accounting skills by calculating and analyzing cash flow, break even point, and earnings performance to make decisions regarding the future profitability of a business.

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 11-12

**PREREQUISITE:** BF3011 - Advanced Accounting I Sem. 1 or BF3012 - Advanced Accounting I Sem. 2

**OTHER REQUIREMENTS:** Teacher Recommendation
Health & Physical Education

**Health 9 Sem. 1**

Required Course
Health 9 is an application-based course that will engage students in the processes and reflection behind making decisions that support a healthy lifestyle. Students will focus on health enhancing behaviors, services, and products while also studying disease prevention, the influence of culture and societal factors, advocating community health, goal-setting, and decision making.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 416112 - Civics & the U.S. Constitution Sem. 2

**Health 9 Sem. 2**

Required Course
Health 9 is an application-based course that will engage students in the processes and reflection behind making decisions that support a healthy lifestyle. Students will focus on health enhancing behaviors, services, and products while also studying disease prevention, the influence of culture and societal factors, advocating community health, goal-setting, and decision making.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 416111 - Civics & the U.S. Constitution Sem. 1

**General Physical Education Sem. 1**

Required Course
Activities are designed to provide skills and knowledge in sports and related activities in order to develop and maintain physical efficiency along with physical, mental, emotional and social wellness. All physical education classes begin with warm-up exercises designed to stretch and strengthen the muscles. Activities and sports that may be included are: volleyball, soccer, gymnastics, aerobic activities, recreational sports, speedball, team handball, ultimate Frisbee, basketball, track and field, softball, badminton, recreational sports, and several "fun" games and activities. Emphasis in class includes skills, knowledge, fitness, participation and disposition. All physical education classes are coeducational. The students may or may not be required to wear a uniform (shorts and shirt in school colors) for class.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-10

**General Physical Education Sem. 2**

Required Course
Activities are designed to provide skills and knowledge in sports and related activities in order to develop and maintain physical efficiency along with physical, mental, emotional and social wellness. All physical education classes begin with warm-up exercises designed to stretch and strengthen the muscles. Activities and sports that may be included are: volleyball, soccer, gymnastics, aerobic activities, recreational sports, speedball, team handball, ultimate Frisbee, basketball, track and field, softball, badminton, recreational sports, and several "fun" games and activities. Emphasis in class includes skills, knowledge, fitness, participation and disposition. All physical education classes are coeducational. The students may or may not be required to wear a uniform (shorts and shirt in school colors) for class.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-10

**Aerobic Fitness Sem. 1**

This course is designed for the student who wants to get in shape and have fun. All activities will involve the use of music. The class will start on a beginner level and progress to an advanced level. Activities may include: jogging/walking (varying distances), video workouts, weights, and dance works/step bench aerobics. Students will be graded on attendance, participation, individual progress and final exam.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-12

**Aerobic Fitness Sem. 2**

This course is designed for the student who wants to get in shape and have fun. All activities will involve the use of music. The class will start on a beginner level and progress to an advanced level. Activities may include: jogging/walking
(varying distances), video workouts, weights, and dance works/step bench aerobics. Students will be graded on attendance, participation, individual progress and final exam.

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<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credit</th>
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<th>Grade</th>
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<tbody>
<tr>
<td>Dance/Tumbling Sem. 1</td>
<td>800811</td>
<td>0.5</td>
<td>Regular</td>
<td>9-12</td>
</tr>
<tr>
<td>By the end of the semester, students will be able to demonstrate skills in the areas of ballet, modern dance, jazz dance and rhythmic aerobics. Dance fitness will be incorporated into the class with students experimenting with various routines and combinations of steps. Students will practice various tumbling techniques and analyze the benefits of cardio fitness and elasticity of muscles.</td>
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<tr>
<td>Dance/Tumbling Sem. 2</td>
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<td>By the end of the semester, students will be able to demonstrate skills in the areas of ballet, modern dance, jazz dance and rhythmic aerobics. Dance fitness will be incorporated into the class with students experimenting with various routines and combinations of steps. Students will practice various tumbling techniques and analyze the benefits of cardio fitness and elasticity of muscles.</td>
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<tr>
<td>Physical Fitness &amp; Weight Training Sem. 1</td>
<td>800911</td>
<td>0.5</td>
<td>Regular</td>
<td>9-12</td>
</tr>
<tr>
<td>This course is designed to upgrade the general fitness level of each student enrolled in the class. Fundamentals of weight training, form and proper technique will be stressed. Conditioning and weight lifting will be used to improve strength and endurance. The course curriculum will include fitness testing, jogging, weight training, sprinting and stretching. Class competitions will be conducted.</td>
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<tr>
<td>Physical Fitness &amp; Weight Training Sem. 2</td>
<td>800912</td>
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<tr>
<td>Swimming I Sem. 1</td>
<td>801011</td>
<td>0.5</td>
<td>Regular</td>
<td>9-12</td>
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<tr>
<td>This course is designed for those students who have had little or no previous swimming experience. The class will cover strokes and skills taught in elementary Red Cross courses. Also included are basic lifesaving skills and work that is fundamental to diving. Please Note: Students enrolled in swimming classes or classes that involve swimming must provide their own swim suits. All swim suits must be acceptable for class. Girls must wear one-piece swim suits.</td>
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<tr>
<td>Swimming I Sem. 2</td>
<td>801012</td>
<td>0.5</td>
<td>Regular</td>
<td>9-12</td>
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<td>This course is designed for those students who have had little or no previous swimming experience. The class will cover strokes and skills taught in elementary Red Cross courses. Also included are basic lifesaving skills and work that is fundamental to diving. Please Note: Students enrolled in swimming classes or classes that involve swimming must provide their own swim suits. All swim suits must be acceptable for class. Girls must wear one-piece swim suits.</td>
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<tr>
<td>Introduction to Health Careers Sem. 1</td>
<td>HC1011</td>
<td>0.5</td>
<td>Regular</td>
<td>9-12</td>
</tr>
<tr>
<td>Introduction to Health Careers exposes students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). This course will focus on &quot;real life&quot; situations including, but not limited to stress, relationships, alcohol and other drugs, basic first aid, death, and a knowledge related to the health care industry as a whole.</td>
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</table>
### Introduction to Health Careers Sem. 2

HC1012

Introduction to Health Careers exposes students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). This course will focus on "real life" situations including, but not limited to stress, relationships, alcohol and other drugs, basic first aid, death, and a knowledge related to the health care industry as a whole.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-12

### Individual Fitness and Wellness Sem. 1

HC1021

This course is for those who wish to develop an individual personal lifetime fitness program for themselves. The student will research and develop their own personal health and fitness goals and with the guidance of the teacher implement an individualized fitness program designed for themselves.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-12

### Individual Fitness and Wellness Sem. 2

HC1022

This course is for those who wish to develop an individual personal lifetime fitness program for themselves. The student will research and develop their own personal health and fitness goals and with the guidance of the teacher implement an individualized fitness program designed for themselves.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-12

### Ball Sports Sem. 1

800311

One quarter of this course will cover basketball; the other quarter will include speed football and softball. Basic skills, rules and strategies will be taught with each sport. Testing, fitness activities and class competition will be included throughout the semester.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

### Ball Sports Sem. 2

800312

One quarter of this course will cover basketball; the other quarter will include speed football and softball. Basic skills, rules and strategies will be taught with each sport. Testing, fitness activities and class competition will be included throughout the semester.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

### Swimming II Sem. 1

801021

Students who have completed and passed Red Cross elementary class are eligible for this course. This course will begin at an intermediate level and progress through an advanced level. Additional life saving skills will be introduced, together with instruction in springboard diving. Please Note: Students enrolled in swimming classes or classes that involve swimming must provide their own swim suits. All swim suits must be acceptable for class. Girls must wear one-piece swim suits.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12  **PREREQUISITE:** Swimming I or Red Cross Certification

### Swimming II Sem. 2

801022

Students who have completed and passed Red Cross elementary class are eligible for this course. This course will begin at an intermediate level and progress through an advanced level. Additional life saving skills will be introduced, together with instruction in springboard diving. Please Note: Students enrolled in swimming classes or classes that involve swimming must provide their own swim suits. All swim suits must be acceptable for class. Girls must wear one-piece swim suits.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12  **PREREQUISITE:** Swimming I or Red Cross Certification

### Lifetime Sports Sem. 1

804911

This course is intended to develop the student’s skill, knowledge and self-confidence in various activities that will have a carry-over value in later life. Lifetime Sports activities may include: bowling, golf, tennis, volleyball, slo-pitch softball,
badminton, billiards, table tennis, archery, jogging, basketball and pickle-ball. The sports covered in this class each semester will vary with seasonal adaptations, the number of students enrolled in each section, and the availability of equipment and facilities. A $25.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**Lifetime Sports Sem. 2**  804912

This course is intended to develop the student's skill, knowledge and self-confidence in various activities that will have a carry-over value in later life. Lifetime Sports activities may include: bowling, golf, tennis, volleyball, slo-pitch softball, badminton, billiards, table tennis, archery, jogging, basketball and pickle-ball. The sports covered in this class each semester will vary with seasonal adaptations, the number of students enrolled in each section, and the availability of equipment and facilities. A $25.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12
# Health Science

## Introduction to Health Careers Sem. 1

Introduction to Health Careers exposes students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). This course will focus on "real life" situations including, but not limited to stress, relationships, alcohol and other drugs, basic first aid, death, and a knowledge related to the health care industry as a whole.

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## Introduction to Health Careers Sem. 2

Introduction to Health Careers exposes students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). This course will focus on "real life" situations including, but not limited to stress, relationships, alcohol and other drugs, basic first aid, death, and a knowledge related to the health care industry as a whole.

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## Human Biology Sem. 1

This course is designed for general biology students who are interested in obtaining specific knowledge about the human body. An understanding of the major organ systems, diseases, and current topics concerning health-related issues will be accomplished through lecture, discussion, labs, and various community resources. A student completing this course will have a better understanding of the human body and how it relates to nutrition, exercise, sexuality, substance abuse, and disease.

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**PREREQUISITE:** Biology or Adv Biology

**COREQUISITES:** If you take this course, you must also take 305212 - Human Biology Sem. 2

## Human Biology Sem. 2

This course is designed for general biology students who are interested in obtaining specific knowledge about the human body. An understanding of the major organ systems, diseases, and current topics concerning health-related issues will be accomplished through lecture, discussion, labs, and various community resources. A student completing this course will have a better understanding of the human body and how it relates to nutrition, exercise, sexuality, substance abuse, and disease.

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**COREQUISITES:** If you take this course, you must also take 305211 - Human Biology Sem. 1

## Pre-Med I Sem. 1

Pre Med I is a comprehensive course that prepares students for professional experiences in the health care industry. Topics covered include an overview of the health care delivery system, patient care, legal and ethical issues in health care, medical terminology, infection control and diseases, and abnormal conditions related to these specific body systems: integumentary, skeletal, muscular, special senses and nervous system. This course is required before students can participate in Pre Med II or Pre Med III and the Health Careers Internship.

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## Pre-Med I Sem. 2

Pre Med I is a comprehensive course that prepares students for professional experiences in the health care industry. Topics covered include an overview of the health care delivery system, patient care, legal and ethical issues in health care, medical terminology, infection control and diseases, and abnormal conditions related to these specific body systems: integumentary, skeletal, muscular, special senses and nervous system. This course is required before students can participate in Pre Med II or Pre Med III and the Health Careers Internship.

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## Pre-Med II Sem. 1

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<th>CREDIT:</th>
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</table>
Pre Med II is a comprehensive course that prepares students for professional experiences in the health care system and post-secondary studies. Medical terminology is a vital unit for successful completion of this course. Topics covered include an overview of human growth and development, nutrition, pharmacy, and diseases and abnormal conditions related to specific body systems: digestive, lymphatic, urinary and endocrine systems. This class places a special emphasis on the knowledge and skills needed in medical emergencies and the ability to assess a patient’s vital signs. First Aid certification can be achieved through the successful completion of skills and knowledge assessments.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: HC2011 - Pre-Med I Sem. 1 or HC2012 - Pre-Med I Sem. 2

Pre-Med II Sem. 2  HC2022

Pre Med II is a comprehensive course that prepares students for professional experiences in the health care system and post-secondary studies. Medical terminology is a vital unit for successful completion of this course. Topics covered include an overview of human growth and development, nutrition, pharmacy, and diseases and abnormal conditions related to specific body systems: digestive, lymphatic, urinary and endocrine systems. This class places a special emphasis on the knowledge and skills needed in medical emergencies and the ability to assess a patient’s vital signs. First Aid certification can be achieved through the successful completion of skills and knowledge assessments.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: HC2011 - Pre-Med I Sem. 1 or HC2012 - Pre-Med I Sem. 2

Human Anatomy and Physiology Sem. 1  305311

Study of structures and functions within the human body systems will be emphasized in this course. The major systems will be surveyed by means of lecture, discussions, and laboratory sessions. This course is a college preparatory class. Team dissection of a cat and other mammalian organs is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: Biology or Adv Biology Chemistry or Adv Chemistry

COREQUISITES: If you take this course, you must also take 305312 - Human Anatomy and Physiology Sem. 2

Human Anatomy and Physiology Sem. 2  305312

Study of structures and functions within the human body systems will be emphasized in this course. The major systems will be surveyed by means of lecture, discussions, and laboratory sessions. This course is a college preparatory class. Team dissection of a cat and other mammalian organs is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take 305311 - Human Anatomy and Physiology Sem. 1

Pre-Med III Sem. 1  HC2031

Pre Med III is a comprehensive course that prepares students for specialized areas of practice in medicine. Medical terminology as it relates to medical records will be introduced to the student. Topics covered include mental health, geriatric medicine and palliative care. Diseases and abnormal conditions related to these body systems will be covered: cardiovascular, respiratory, and reproductive system. Students will become certified in CPR in this course. Students will perfect skills in public speaking by researching and presenting various medical topics.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: HC2021 - Pre-Med II Sem. 1 or HC2022 - Pre-Med II Sem. 2

Pre-Med III Sem. 2  HC2032

Pre Med III is a comprehensive course that prepares students for specialized areas of practice in medicine. Medical terminology as it relates to medical records will be introduced to the student. Topics covered include mental health, geriatric medicine and palliative care. Diseases and abnormal conditions related to these body systems will be covered: cardiovascular, respiratory, and reproductive system. Students will become certified in CPR in this course. Students will perfect skills in public speaking by researching and presenting various medical topics.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: HC2021 - Pre-Med II Sem. 1 or HC2022 - Pre-Med II Sem. 2
Certified Nurse Aide (CNA) I Sem. 1

Certified Nurse Aide is the first step in a medical care career. This course includes a study of the aging process, its related conditions and the nursing skills required in assisting geriatric residents to reach and maintain their highest levels of wellness. Students will complete supervised clinical experiences in a nursing home and project-based lab work. Students will receive 6 hours of college credit through Neosho County, the course provider. The course is taught at the Lawrence College & Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $366 assessed by Neosho County Community College covers CNA I & CNA II. This fee is reimbursable for students who pass the CNA Exam.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School. Please note the course fees for this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HC3121 - Certified Nurse Aide (CNA) II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Certified Nurse Aide (CNA) I Sem. 2

Certified Nurse Aide is the first step in a medical care career. This course includes a study of the aging process, its related conditions and the nursing skills required in assisting geriatric residents to reach and maintain their highest levels of wellness. Students will complete supervised clinical experiences in a nursing home and project-based lab work. Students will receive 6 hours of college credit through Neosho County, the course provider. The course is taught at the Lawrence College & Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $366 assessed by Neosho County Community College covers CNA I & CNA II. This fee is reimbursable for students who pass the CNA Exam.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School. Please note the course fees for this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HC3122 - Certified Nurse Aide (CNA) II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Certified Nurse Aide (CNA) II Sem. 1

Certified Nurse Aide is the first step in a medical care career. This course includes a study of the aging process, its related conditions and the nursing skills required in assisting geriatric residents to reach and maintain their highest levels of wellness. Students will complete supervised clinical experiences in a nursing home and project-based lab work. Students will receive 6 hours of college credit through Neosho County, the course provider. The course is taught at the Lawrence College & Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $366 assessed by Neosho County Community College covers CNA I & CNA II. This fee is reimbursable for students who pass the CNA Exam.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School. Please note the course fees for this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HC3111 - Certified Nurse Aide (CNA) I Sem. 1
If you take this course, you must also take HC3211 - Certified Medication Aide (CMA) I Sem. 1

Certified Nurse Aide (CNA) II Sem. 2

Certified Nurse Aide is the first step in a medical care career. This course includes a study of the aging process, its related conditions and the nursing skills required in assisting geriatric residents to reach and maintain their highest levels of wellness. Students will complete supervised clinical experiences in a nursing home and project-based lab work. Students will receive 6 hours of college credit through Neosho County, the course provider. The course is taught at the Lawrence College & Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $366 assessed by Neosho County Community College covers CNA I & CNA II. This fee is reimbursable for students who pass the CNA Exam.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School. Please note the course fees for this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HC3111 - Certified Nurse Aide (CNA) I Sem. 1
If you take this course, you must also take HC3211 - Certified Medication Aide (CMA) I Sem. 1
Certified Nurse Aide is the first step in a medical care career. This course includes a study of the aging process, its related conditions and the nursing skills required in assisting geriatric residents to reach and maintain their highest levels of wellness. Students will complete supervised clinical experiences in a nursing home and project-based lab work. Students will receive 6 hours of college credit through Neosho County, the course provider. The course is taught at the Lawrence College and Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $366 assessed by Neosho County Community College covers CNA I & CNA II. This fee is reimbursable for students who pass the CNA Exam.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take HC3112 - Certified Nurse Aide (CNA) I Sem. 2

**Certified Medication Aide (CMA) I Sem. 1**  
HC3211

Certified Medication Aide covers information related to many commonly prescribed medications. Students will learn the classification, side effects and techniques of administration, including preparations and accurate distribution of medications. Clinical practice sessions are included. Students must have CNA certification to enroll. Students will receive 5 hours of college credit through Neosho County Community College, the course provider. The course is taught at the Lawrence College and Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $305 assessed by Neosho County Community College covers CMA I & CMA II.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**PREREQUISITE:** Students must have passed the Certified Nurse Aide Exam in order to enroll in this class.

**COREQUISITES:** If you take this course, you must also take HC3121 - Certified Nurse Aide (CNA) II Sem. 1  
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

**Certified Medication Aide (CMA) I Sem. 2**  
HC3212

Certified Medication Aide covers information related to many commonly prescribed medications. Students will learn the classification, side effects and techniques of administration, including preparations and accurate distribution of medications. Clinical practice sessions are included. Students must have CNA certification to enroll. Students will receive 5 hours of college credit through Neosho County Community College, the course provider. The course is taught at the Lawrence College and Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $305 assessed by Neosho County Community College covers CMA I & CMA II.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**PREREQUISITE:** Students must have passed the Certified Nurse Aide Exam in order to enroll in this class.

**COREQUISITES:** If you take this course, you must also take HC3222 - Certified Medication Aide (CMA) II Sem. 2  
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2  
If you take this course, you must also take HC3221 - Certified Medication Aide (CMA) II Sem. 2

**Certified Medication Aide (CMA) II Sem. 2**  
HC3221
Certified Medication Aide covers information related to many commonly prescribed medications. Students will learn the classification, side effects and techniques of administration, including preparations and accurate distribution of medications. Clinical practice sessions are included. Students must have CNA certification to enroll. Students will receive 5 hours of college credit through Neosho County Community College, the course provider. The course is taught at the Lawrence College and Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $305 assessed by Neosho County Community College covers CMA I & CMA II.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |
| PREREQUISITE: Students must have passed the Certified Nurse Aide Exam in order to enroll in this class. |
| COREQUISITES: If you take this course, you must also take HC3212 - Certified Medication Aide (CMA) I Sem. 2 |

**Certified Medication Aide (CMA) II Sem. 2**

Certified Medication Aide covers information related to many commonly prescribed medications. Students will learn the classification, side effects and techniques of administration, including preparations and accurate distribution of medications. Clinical practice sessions are included. Students must have CNA certification to enroll. Students will receive 5 hours of college credit through Neosho County Community College, the course provider. The course is taught at the Lawrence College and Career Center. Tuition is waived, but there are course fees. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Course Fee: $305 assessed by Neosho County Community College covers CMA I & CMA II.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

Please note the course fees for this course.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |
| PREREQUISITE: Students must have passed the Certified Nurse Aide Exam in order to enroll in this class. |
| COREQUISITES: If you take this course, you must also take HC3212 - Certified Medication Aide (CMA) I Sem. 2 |

**Forensic Science I Sem. 1**

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |**

**COREQUISITES: If you take this course, you must also take HC3321 - Forensic Science II Sem. 1**

If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

**Forensic Science I Sem. 2**

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.
Forensic Science II Sem. 1  
HC3321

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to "solve the crime." Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3322 - Forensic Science II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Forensic Science II Sem. 2  
HC3322

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to "solve the crime." Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3311 - Forensic Science I Sem. 1

EMS First Responder I Sem. 1  
HC3411

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 1  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3421 - EMS First Responder II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

EMS First Responder I Sem. 2  
HC3412

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.
COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3422 - EMS First Responder II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

EMS First Responder II Sem. 1
HC3421

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3411 - EMS First Responder I Sem. 1

EMS First Responder II Sem. 2
HC3422

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3412 - EMS First Responder I Sem. 2

Health Careers Internship Sem. 1
HC3011

The Health Careers Internship course provides students with shadowing experience in the health care industry. Student transportation is required as students will be shadowing at health care facilities during the semester experience. Goals are typically set cooperatively by the student and teacher at the beginning of the semester. Based on these goals, the course will also include classroom activities and community based learning projects. Pre-Med I is a required for enrollment in this class. Students must also complete an application process including an interview before being placed in this course.
Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 1 TYPE: Regular GRADE: 12

PREREQUISITE: Pre-Med I, Pre-Med II

Health Careers Internship Sem. 2
HC3012

The Health Careers Internship course provides students with shadowing experience in the health care industry. Student transportation is required as students will be shadowing at health care facilities during the semester experience. Goals are typically set cooperatively by the student and teacher at the beginning of the semester. Based on these goals, the course will also include classroom activities and community based learning projects. Pre-Med I is a required for enrollment in this class. Students must also complete an application process including an interview before being placed in this course.
Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 1  TYPE: Regular  GRADE: 12

PREREQUISITE: HC2011 - Pre-Med I Sem. 1 or HC2012 - Pre-Med I Sem. 2 or HC2021 - Pre-Med II Sem. 1 or HC2022 - Pre-Med II Sem. 2

OTHER REQUIREMENTS: Teacher Approval through Application & Interview
Business Essentials Sem. 1  BF1011
Business Essentials is an introductory business class. It will provide students with a basic understanding of business in our economy. A few of the topics are: our economic system, supply and demand, the stock market, banking, business management, and marketing. Throughout the semester the students will work on individual and group projects, research and present information, use interactive websites and software, and view videos. This course will provide a gateway to the other business courses offered at the high school. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Business Essentials Sem. 2  BF1012
Business Essentials is an introductory business class. It will provide students with a basic understanding of business in our economy. A few of the topics are: our economic system, supply and demand, the stock market, banking, business management, and marketing. Throughout the semester the students will work on individual and group projects, research and present information, use interactive websites and software, and view videos. This course will provide a gateway to the other business courses offered at the high school. Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Culinary Essentials Sem. 1  HT1011
Culinary Essentials is an introductory course for students interested in food preparation and the culinary industry. The course focuses on food safety, basic culinary tool usage, basic food preparation, and nutrition. Cooking labs will consist of everyday foods and include meal management skills. All of the labs will be correlated to specific nutrition principles. This course is designed for the novice chef who wishes to gain experience in the kitchen as well as for students with an interest in Human Services, Health Careers, or Culinary related pathways.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Culinary Essentials Sem. 2  HT1012
Culinary Essentials is an introductory course for students interested in food preparation and the culinary industry. The course focuses on food safety, basic culinary tool usage, basic food preparation, and nutrition. Cooking labs will consist of everyday foods and include meal management skills. All of the labs will be correlated to specific nutrition principles. This course is designed for the novice chef who wishes to gain experience in the kitchen as well as for students with an interest in Human Services, Health Careers, or Culinary related pathways.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Marketing I Sem. 1  BF2211
Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.
CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Marketing I Sem. 2  BF2212
Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.
CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
Marketing II Sem. 1  
BF2221

Marketing Education II continues to educate students using a practical approach to marketing in today’s technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain leadership and competitive skills through local, state, regional, and national leadership conferences. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

Marketing II Sem. 2  
BF2222

Marketing Education II continues to educate students using a practical approach to marketing in today’s technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain leadership and competitive skills through local, state, regional, and national leadership conferences. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

Entrepreneurship Sem. 1  
BF2311

Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Entrepreneurship Sem. 2  
BF2312

Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Culinary I Sem. 1  
HT2011

Culinary I introduces the culinary skills of food preparation and meal planning for the more advanced cooking student. Units of study include: knife skills, protein foods, sauces, side dishes, breads and pastry. An in-depth study of regional food specialties and international cuisines will be included in this course. Students in class should have a strong desire to enter a culinary career pathway. A $15.00 materials fee is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: HT1011 - Culinary Essentials Sem. 1 or HT1012 - Culinary Essentials Sem. 2

Culinary I Sem. 2  
HT2012

Culinary I introduces the culinary skills of food preparation and meal planning for the more advanced cooking student. Units of study include: knife skills, protein foods, sauces, side dishes, breads and pastry. An in-depth study of regional food specialties and international cuisines will be included in this course. Students in class should have a strong desire to enter a culinary career pathway. A $15.00 materials fee is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: HT1011 - Culinary Essentials Sem. 1 or HT1012 - Culinary Essentials Sem. 2

Career & Community Connections Service Learning Experience Sem. 1

Career and Community Connections: Service Learning Experience provides students with service-work experience and community impact project development in fields related to human services. Goals are set cooperatively by the student, teacher, and community partners based on service learning framework and community needs. The course consists of service site experiences, development of community impact projects and classroom activities including progress monitoring, reflection and analysis, experience-based portfolio, further study of the field and discussion regarding experiences that students encounter within human services.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

OTHER REQUIREMENTS: Recommendation Required

Career & Community Connections Service Learning Experience Sem. 2

Career and Community Connections: Service Learning Experience provides students with service-work experience and community impact project development in fields related to human services. Goals are set cooperatively by the student, teacher, and community partners based on service learning framework and community needs. The course consists of service site experiences, development of community impact projects and classroom activities including progress monitoring, reflection and analysis, experience-based portfolio, further study of the field and discussion regarding experiences that students encounter within human services.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

OTHER REQUIREMENTS: Recommendation Required

Culinary II Sem. 1

Culinary II is for those students who intend to follow a career in hospitality and tourism. An application is required and will be provided upon the completion of Culinary I. This course is taught at the USD 497 Culinary Lab at the Career Community Connections Center at Holcomb Park. Students will practice culinary skills and develop knowledge of dining room management.

A description of fees are included in the application.

COURSE NOTE: This course is taught at the Advanced Culinary Center at Holcomb Park. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

PREREQUISITE: HT2011 - Culinary I Sem. 1 or HT2012 - Culinary I Sem. 2

OTHER REQUIREMENTS: Approved Application

COREQUISITES: If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1
If you take this course, you must also take HT3011 - Culinary III Sem. 1

Culinary II Sem. 2

Culinary II is for those students who intend to follow a career in hospitality and tourism. An application is required and will be provided upon the completion of Culinary I. This course is taught at the USD 497 Culinary Lab at the Career Community Connections Center at Holcomb Park. Students will practice culinary skills and develop knowledge of dining room management.

A description of fees are included in the application.

COURSE NOTE: This course is taught at the Advanced Culinary Center at Holcomb Park. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

PREREQUISITE: HT2011 - Culinary I Sem. 1 or HT2012 - Culinary I Sem. 2

OTHER REQUIREMENTS: Approved Application
COREQUISITES: If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2
If you take this course, you must also take HT3012 - Culinary III Sem. 2

Event Planning and Management Sem. 1

Event Planning and Management provides students with the knowledge and skills related to the event planning and implementation process. It will include establishing client relationships, the importance of communication, planning process, resource management, quality service and staffing issues. An application is required and will be provided upon the completion of Culinary I. This course is taught at the USD 497 Culinary Lab at the Career Community Connections Center at Holcom Park.
A description of fees are included in the application.

COURSE NOTE: This course is taught at the Advanced Culinary Center at Holcomb Park. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12
PREREQUISITE: HT3011 - Culinary III Sem. 1 or HT3012 - Culinary III Sem. 2
OTHER REQUIREMENTS: Approved Application
COREQUISITES: If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Event Planning and Management Sem. 2

Event Planning and Management provides students with the knowledge and skills related to the event planning and implementation process. It will include establishing client relationships, the importance of communication, planning process, resource management, quality service and staffing issues. An application is required and will be provided upon the completion of Culinary I. This course is taught at the USD 497 Culinary Lab at the Career Community Connections Center at Holcom Park.
A description of fees are included in the application.

COURSE NOTE: This course is taught at the Advanced Culinary Center at Holcomb Park. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12
PREREQUISITE: HT3011 - Culinary III Sem. 1 or HT3012 - Culinary III Sem. 2
OTHER REQUIREMENTS: Approved Application
COREQUISITES: If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Culinary III Sem. 1

Culinary III is for those students who intend to follow a career in hospitality and tourism. An application is required and will be provided upon the completion of Culinary II. This course is taught at the USD 497 Culinary Lab at the Career Community Connections Center at Holcom Park. Students will practice and develop culinary skills and demonstrate implementation of management functions, customer service and menu development.
A description of fees are included in the application.

COURSE NOTE: This course is taught at the Advanced Culinary Center at Holcomb Park. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12
PREREQUISITE: HT2021 - Culinary II Sem. 1 or HT2022 - Culinary II Sem. 2
OTHER REQUIREMENTS: Approved Application
COREQUISITES: If you take this course, you must also take HT2021 - Culinary II Sem. 1

Culinary III Sem. 2

Culinary III is for those students who intend to follow a career in hospitality and tourism. An application is required and will be provided upon the completion of Culinary II. This course is taught at the USD 497 Culinary Lab at the Career Community Connections Center at Holcom Park. Students will practice and develop culinary skills and demonstrate
Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: HT2021 - Culinary II Sem. 1 or HT2022 - Culinary II Sem. 2

OTHER REQUIREMENTS: Approved Application

COREQUISITES: If you take this course, you must also take HT2022 - Culinary II Sem. 2

Food Science I Sem. 1  SM2611

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2621 - Food Science II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Food Science I Sem. 2  SM2612

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2622 - Food Science II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Food Science II Sem. 1  SM2621

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2611 - Food Science I Sem. 1
Food Science II Sem. 2  

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take SM2612 - Food Science I Sem. 2

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**Applied Business Development Sem. 1**  

Applied Business Development provides students opportunities to explore careers in the Business, Finance and/or Marketing fields. Students will assume appropriate roles either within the school or outside the school in developing, supporting and/or managing business functions. Advanced business skills are required for this hands-on, experience based course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12  

**PREREQUISITE:** The following courses are required pre-requisites. One of the following - Business Essentials, Business Economics or Entrepreneurship and One of the following—Accounting I & II or Marketing I & II  

**COREQUISITES:** If you take this course, you must also take BF3712 - Applied Business Development Sem. 2

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**Applied Business Development Sem. 2**  

Applied Business Development provides students opportunities to explore careers in the Business, Finance and/or Marketing fields. Students will assume appropriate roles either within the school or outside the school in developing, supporting and/or managing business functions. Advanced business skills are required for this hands-on, experience based course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12  

**COREQUISITES:** If you take this course, you must also take BF3711 - Applied Business Development Sem. 1
### Human Services

#### Introduction to Human Services Sem. 1  
**HS1011**

Intro to Human Services introduces and exposes students to the career opportunities pertaining to the provision of personal and consumer services for other human beings. Course topics include the skills, knowledge, attitudes, and behaviors necessary to be successful in families, careers, and communities in today’s ever changing society.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

#### Introduction to Human Services Sem. 2  
**HS1012**

Intro to Human Services introduces and exposes students to the career opportunities pertaining to the provision of personal and consumer services for other human beings. Course topics include the skills, knowledge, attitudes, and behaviors necessary to be successful in families, careers, and communities in today’s ever changing society.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

#### Human Growth and Development I Sem. 1  
**HS2011**

Human Growth and Development provides students with knowledge about the physical, intellectual, emotional, and social growth and development of children from birth to 5 years. The course includes topics such as prenatal development and birth processes and developmental characteristics of the infant, toddler and preschool-aged child. The simulated infant is also used for instructional purposes. This class is designed for the student who is interested in pursuing a career working with infants and young children.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

#### Human Growth and Development I Sem. 2  
**HS2012**

Human Growth and Development provides students with knowledge about the physical, intellectual, emotional, and social growth and development of children from birth to 5 years. The course includes topics such as prenatal development and birth processes and developmental characteristics of the infant, toddler and preschool-aged child. The simulated infant is also used for instructional purposes. This class is designed for the student who is interested in pursuing a career working with infants and young children.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

#### Marketing I Sem. 1  
**BF2211**

Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

#### Marketing I Sem. 2  
**BF2212**

Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

#### Marketing II Sem. 1  
**BF2221**

Marketing Education II continues to educate students using a practical approach to marketing in today’s technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain
leadership and competitive skills through local, state, regional, and national leadership conferences. Qualifies for JCCC Advanced Standing Credit (see page 7)

**Marketing II Sem. 2**

Marketing Education II continues to educate students using a practical approach to marketing in today’s technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain leadership and competitive skills through local, state, regional, and national leadership conferences. Qualifies for JCCC Advanced Standing Credit (see page 7)

**Credit:** 0.5  
**Type:** Regular  
**Grade:** 10-12  
**Prerequisite:** BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

**Entrepreneurship Sem. 1**

Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)

**Credit:** 0.5  
**Type:** Regular  
**Grade:** 10-12  
**Prerequisite:** BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

**Entrepreneurship Sem. 2**

Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)

**Credit:** 0.5  
**Type:** Regular  
**Grade:** 10-12

**Human Growth and Development II Sem. 1**

Human Growth and Development II begins with the study of the elementary child and continues through the lifespan. This class focuses on growth and development through hands-on activities. The final portion of the class will be devoted to geriatric experiences. Students will learn skills necessary in working with the elderly and be exposed to wellness concepts specific to this age group.

**Credit:** 0.5  
**Type:** Regular  
**Grade:** 10-12  
**Prerequisite:** HS2011 - Human Growth and Development I Sem. 1 or HS2012 - Human Growth and Development I Sem. 2

**Human Growth and Development II Sem. 2**

Human Growth and Development II begins with the study of the elementary child and continues through the lifespan. This class focuses on growth and development through hands-on activities. The final portion of the class will be devoted to geriatric experiences. Students will learn skills necessary in working with the elderly and be exposed to wellness concepts specific to this age group.

**Credit:** 0.5  
**Type:** Regular  
**Grade:** 10-12  
**Prerequisite:** HS2011 - Human Growth and Development I Sem. 1 or HS2012 - Human Growth and Development I Sem. 2

**Personal Finance Sem. 1**

Students taking this course will learn about the fundamental principles of managing their personal finances. The goal of this course is to help students develop the skills necessary to make good money-management decisions that can lead to
financial independence. Students will research career and college options, develop budgeting and savings skills, complete tax forms, deal with debt and credit issues, develop investment strategies, set short and long-term goals, and discuss consumer protection strategies. Students will use real world resources, projects and simulations to enhance their learning experience.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

**Personal Finance Sem. 2**

Students taking this course will learn about the fundamental principles of managing their personal finances. The goal of this course is to help students develop the skills necessary to make good money-management decisions that can lead to financial independence. Students will research career and college options, develop budgeting and savings skills, complete tax forms, deal with debt and credit issues, develop investment strategies, set short and long-term goals, and discuss consumer protection strategies. Students will use real world resources, projects and simulations to enhance their learning experience.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

**Family Studies Sem. 1**

Family Studies emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. Students will learn strategies to manage the multiple individual, family, career and community roles and responsibilities. This course will include units related to individual self development, interpersonal skills for family living, parenting strategies and community involvement. Guest speakers representing careers in human services and field trips to human service agencies will be a part of this class.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

**Family Studies Sem. 2**

Family Studies emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. Students will learn strategies to manage the multiple individual, family, career and community roles and responsibilities. This course will include units related to individual self development, interpersonal skills for family living, parenting strategies and community involvement. Guest speakers representing careers in human services and field trips to human service agencies will be a part of this class.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

**Career & Community Connections Service Learning Experience Sem. 1**

Career and Community Connections: Service Learning Experience provides students with service-work experience and community impact project development in fields related to human services. Goals are set cooperatively by the student, teacher, and community partners based on service learning framework and community needs. The course consists of service site experiences, development of community impact projects and classroom activities including progress monitoring, reflection and analysis, experience- based portfolio, further study of the field and discussion regarding experiences that students encounter within human services.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

**Career & Community Connections Service Learning Experience Sem. 2**

Career and Community Connections: Service Learning Experience provides students with service-work experience and community impact project development in fields related to human services. Goals are set cooperatively by the student, teacher, and community partners based on service learning framework and community needs. The course consists of service site experiences, development of community impact projects and classroom activities including progress monitoring, reflection and analysis, experience- based portfolio, further study of the field and discussion regarding experiences that students encounter within human services.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

OTHER REQUIREMENTS: Recommendation Required
**Information Technology**

**Graphic Design I Sem. 1**  
510221  
Graphic Design I students learn essential concepts of the graphic design process. The class provides an introduction to Adobe Illustrator to explore composition techniques, color theory, and typography. Students examine how design is used as a communication tool. Students explore careers in graphic design and communications.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Graphic Design I Sem. 2**  
510222  
Graphic Design I students learn essential concepts of the graphic design process. The class provides an introduction to Adobe Illustrator to explore composition techniques, color theory, and typography. Students examine how design is used as a communication tool. Students explore careers in graphic design and communications.  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Introduction to IT Sem. 1**  
IT1011  
Introduction to IT offers a broad exploration of the use of computers in a variety of fields. Students are introduced to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, possible applications of computers, and occupations related to computer hardware and software. Students will explore legal and ethical issues associated with computer use, as well as how computers influence modern society. Qualifies for JCCC Advanced Standing Credit (see page 7)  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Introduction to IT Sem. 2**  
IT1012  
Introduction to IT offers a broad exploration of the use of computers in a variety of fields. Students are introduced to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, possible applications of computers, and occupations related to computer hardware and software. Students will explore legal and ethical issues associated with computer use, as well as how computers influence modern society. Qualifies for JCCC Advanced Standing Credit (see page 7)  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Web Page Design Sem. 1**  
IT2111  
This course offers students the ability to create web sites, and be exposed to proper web site design and management techniques. Students will learn the proper procedures and create Web pages using Dreamweaver CSS and HTML for coursework, professional purposes, and personal use. Qualifies for JCCC Advanced Standing Credit (see page 7)  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Web Page Design Sem. 2**  
IT2112  
This course offers students the ability to create web sites, and be exposed to proper web site design and management techniques. Students will learn the proper procedures and create Web pages using Dreamweaver CSS and HTML for coursework, professional purposes, and personal use. Qualifies for JCCC Advanced Standing Credit (see page 7)  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**Graphic Design II Sem. 1**  
516211  
In Graphic Design II, students learn essential graphic design skills, working primarily with vector images. They will utilize Adobe Illustrator and other programs in the Adobe Creative Suite. Students explore graphic design in the creation of logos, packaging and artistic designs. Students examine typography, branding, and composition as they explore how design conveys a message. A $25.00 materials fee is required. Qualifies for JCCC Advanced Standing Credit (see page 7)  
**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**PREREQUISITE:** 510221 - Graphic Design I Sem. 1 or 510222 - Graphic Design I Sem. 2
Graphic Design II Sem. 2 516212

In Graphic Design II, students learn essential graphic design skills, working primarily with vector images. They will utilize Adobe Illustrator and other programs in the Adobe Creative Suite. Students explore graphic design in the creation of logos, packaging and artistic designs. Students examine typography, branding, and composition as they explore how design conveys a message. A $25.00 materials fee is required.
Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Regular GRADE: 10-12
PREREQUISITE: 510221 - Graphic Design I Sem. 1 or 510222 - Graphic Design I Sem. 2

Programming and Software Development Sem. 1 IT2011

This course introduces students to the variety of careers related to programming and software development. Students will gather and analyze software needs and requirements, learn core principles of programming, develop software specifications and use appropriate reference tools. A variety of programming languages will be used to demonstrate the proper programming techniques.
CREDIT: 0.5 TYPE: Regular GRADE: 10-12

Programming and Software Development Sem. 2 IT2012

This course introduces students to the variety of careers related to programming and software development. Students will gather and analyze software needs and requirements, learn core principles of programming, develop software specifications and use appropriate reference tools. A variety of programming languages will be used to demonstrate the proper programming techniques.
CREDIT: 0.5 TYPE: Regular GRADE: 10-12

Programming and Game Development Sem. 1 IT2021

This course introduces students to the basic concepts of programming through game development. The topics to be covered include basic programming, principles of game design, and the usage of a game development environment.
CREDIT: 0.5 TYPE: Regular GRADE: 10-12
PREREQUISITE: IT2011 - Programming and Software Development Sem. 1 or IT2012 - Programming and Software Development Sem. 2

Programming and Game Development Sem. 2 IT2022

This course introduces students to the basic concepts of programming through game development. The topics to be covered include basic programming, principles of game design, and the usage of a game development environment.
CREDIT: 0.5 TYPE: Regular GRADE: 10-12
PREREQUISITE: IT2011 - Programming and Software Development Sem. 1 or IT2012 - Programming and Software Development Sem. 2

Digital Design Sem. 1 516221

Digital Design is a project-based course that expands upon the skills learned in Graphic Design II and Photography II. Students will complete projects that respond to a client’s needs, while utilizing a range of programs in the Adobe Creative Suite, including Photoshop, Illustrator, and InDesign. The course is for advanced students interested in pursuing a career in digital arts and graphic design.
Qualifies for JCCC Advanced Standing Credit (see page 7)
CREDIT: 0.5 TYPE: Advanced GRADE: 11-12
PREREQUISITE: Graphic Design II and Photography II

Digital Design Sem. 2 516222

Digital Design is a project-based course that expands upon the skills learned in Graphic Design II and Photography II. Students will complete projects that respond to a client’s needs, while utilizing a range of programs in the Adobe Creative Suite, including Photoshop, Illustrator, and InDesign. The course is for advanced students interested in pursuing a career in digital arts and graphic design.
Qualifies for JCCC Advanced Standing Credit (see page 7)
Media Technology-Workplace Exp. Sem. 1  
**AV3021**

Students with a wide variety of digital media skills (digital design, digital photography, video production, web page design) will work together as a team to create a digital media product for a client. Students must demonstrate skill competency in a number of areas and must be able to work independently to complete project tasks and assignments.

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 11-12  
**PREREQUISITE:** Graphic Design II and Photography II

**OTHER REQUIREMENTS:** Teacher Approval

**COREQUISITES:** If you take this course, you must also take AV3022 - Media Technology-Workplace Exp. Sem. 2

**Other Courses:**
- Media Technology - Workplace Exp. Sem. 2  
**AV3022**

Students with a wide variety of digital media skills (digital design, digital photography, video production, web page design) will work together as a team to create a digital media product for a client. Students must demonstrate skill competency in a number of areas and must be able to work independently to complete project tasks and assignments.

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 11-12  
**PREREQUISITE:** Graphic Design II and Photography II

**OTHER REQUIREMENTS:** Teacher Approval

**COREQUISITES:** If you take this course, you must also take AV3021 - Media Technology-Workplace Exp. Sem. 1

**Computer Technology I Sem. 1**  
**IT2211**

Students who enjoy computers and are willing to share their knowledge, are encouraged to enroll in Computer Technology. Students will learn to identify hardware devices and components, as well as their functions. Upon completion of the course students will understand software and be able to develop, maintain and update various computer systems. Customer service and problem solving techniques will be covered, allowing students to begin professional work experience supporting information technology. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit [www.usd497.org/discoverwhatsnext](http://www.usd497.org/discoverwhatsnext).

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** Computer Technology I Sem. 2  
**COREQUISITES:** If you take this course, you must also take IT2221 - Computer Technology II Sem. 1  
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

**Computer Technology I Sem. 2**  
**IT2212**

Students who enjoy computers and are willing to share their knowledge, are encouraged to enroll in Computer Technology. Students will learn to identify hardware devices and components, as well as their functions. Upon completion of the course students will understand software and be able to develop, maintain and update various computer systems. Customer service and problem solving techniques will be covered, allowing students to begin professional work experience supporting information technology. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit [www.usd497.org/discoverwhatsnext](http://www.usd497.org/discoverwhatsnext).

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** Computer Technology I Sem. 1  
**COREQUISITES:** If you take this course, you must also take IT2222 - Computer Technology II Sem. 1  
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

**Computer Technology II Sem. 1**  
**IT2221**

Students who enjoy computers and are willing to share their knowledge, are encouraged to enroll in Computer Technology. Students will learn to identify hardware devices and components, as well as their functions. Upon completion of the course students will understand software and be able to develop, maintain and update various computer systems. Customer service and problem solving techniques will be covered, allowing students to begin professional work experience supporting information technology. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit [www.usd497.org/discoverwhatsnext](http://www.usd497.org/discoverwhatsnext).

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.
computer systems. Customer service and problem solving techniques will be covered, allowing students to begin professional work experience supporting information technology. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take IT2211 - Computer Technology I Sem. 1

**Computer Technology II Sem. 2**

Students who enjoy computers and are willing to share their knowledge, are encouraged to enroll in Computer Technology. Students will learn to identify hardware devices and components, as well as their functions. Upon completion of the course students will understand software and be able to develop, maintain and update various computer systems. Customer service and problem solving techniques will be covered, allowing students to begin professional work experience supporting information technology. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take IT2212 - Computer Technology I Sem. 2

**Network Technology I Sem. 1**

How can we automate the transfer of information from one computer to another? To answer that question, this course introduces students to the fundamental technology and concepts to make networking possible. Students will work to support software and hardware supporting LANs, WANs and Wi-Fi networks. Engaging with industry partners, they will be introduced to questions of security, network management and network operating systems. Students who are unfamiliar with computers and/or the Internet are likely to be at a disadvantage in this course. There are, however, no theoretical concepts required or expected for students entering the course. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take IT2321 - Network Technology II Sem. 1

If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

**Network Technology I Sem. 2**

How can we automate the transfer of information from one computer to another? To answer that question, this course introduces students to the fundamental technology and concepts to make networking possible. Students will work to support software and hardware supporting LANs, WANs and Wi-Fi networks. Engaging with industry partners, they will be introduced to questions of security, network management and network operating systems. Students who are unfamiliar with computers and/or the Internet are likely to be at a disadvantage in this course. There are, however, no theoretical concepts required or expected for students entering the course. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12
COREQUISITES: If you take this course, you must also take IT2322 - Network Technology II Sem. 2.
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2.

Network Technology II Sem. 1

How can we automate the transfer of information from one computer to another? To answer that question, this course introduces students to the fundamental technology and concepts to make networking possible. Students will work to support software and hardware supporting LANs, WANs and Wi-Fi networks. Engaging with industry partners, they will be introduced to questions of security, network management and network operating systems. Students who are unfamiliar with computers and/or the Internet are likely to be at a disadvantage in this course. There are, however, no theoretical concepts required or expected for students entering the course. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5
TYPE: Regular
GRADE: 11-12
COREQUISITES: If you take this course, you must also take IT2311 - Network Technology I Sem. 1.

Network Technology II Sem. 2

How can we automate the transfer of information from one computer to another? To answer that question, this course introduces students to the fundamental technology and concepts to make networking possible. Students will work to support software and hardware supporting LANs, WANs and Wi-Fi networks. Engaging with industry partners, they will be introduced to questions of security, network management and network operating systems. Students who are unfamiliar with computers and/or the Internet are likely to be at a disadvantage in this course. There are, however, no theoretical concepts required or expected for students entering the course. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5
TYPE: Regular
GRADE: 11-12
COREQUISITES: If you take this course, you must also take IT2312 - Network Technology I Sem. 2.

AP Computer Science Sem. 1

Following the College Board’s suggested curriculum designed to mirror college-level computer science courses, AP Computer Science provides students with the logical, mathematical, and problem-solving skills needed to design structured, well-documented computer programs that provide solutions to real-world problems. This course covers such topics as programming methodology, features, and procedures; algorithms; data structures; computer systems; and programmer responsibilities.

Students are encouraged to take the Advanced Placement Computer Science exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5
TYPE: Advanced Placement
GRADE: 11-12
COREQUISITES: If you take this course, you must also take IT2302 - AP Computer Science Sem. 2.

AP Computer Science Sem. 2

Following the College Board’s suggested curriculum designed to mirror college-level computer science courses, AP Computer Science provides students with the logical, mathematical, and problem-solving skills needed to design structured, well-documented computer programs that provide solutions to real-world problems. This course covers such topics as programming methodology, features, and procedures; algorithms; data structures; computer systems; and programmer responsibilities.

Students are encouraged to take the Advanced Placement Computer Science exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5
TYPE: Advanced Placement
GRADE: 11-12
**COREQUISITES:** If you take this course, you must also take IT3031 - AP Computer Science Sem. 1

**Information Technology - Workplace Exp. I Sem. 1**

This course provides students the opportunity to apply skills developed in Computer Technology while working with clients and customers. Students will develop Professional Work Experience goals and will work with a business and industry mentor to reach those goals while in the workplace environment. Students should review the Professional Work Experience Handbook with the instructor and parents before enrolling in this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12  
**OTHER REQUIREMENTS:** Teacher/Counselor Approval Required

**Information Technology - Workplace Exp. I Sem. 2**

This course provides students the opportunity to apply skills developed in Computer Technology while working with clients and customers. Students will develop Professional Work Experience goals and will work with a business and industry mentor to reach those goals while in the workplace environment. Students should review the Professional Work Experience Handbook with the instructor and parents before enrolling in this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12  
**OTHER REQUIREMENTS:** Teacher/Counselor Approval Required

**Information Technology - Workplace Exp. II Sem. 1**

This course provides students the opportunity to apply skills developed in Computer Technology while working with clients and customers. Students will develop Professional Work Experience goals and will work with a business and industry mentor to reach those goals while in the workplace environment. Students should review the Professional Work Experience Handbook with the instructor and parents before enrolling in this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12  
**OTHER REQUIREMENTS:** Teacher/Counselor Approval Required

**Information Technology - Workplace Exp. II Sem. 2**

This course provides students the opportunity to apply skills developed in Computer Technology while working with clients and customers. Students will develop Professional Work Experience goals and will work with a business and industry mentor to reach those goals while in the workplace environment. Students should review the Professional Work Experience Handbook with the instructor and parents before enrolling in this course.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12  
**OTHER REQUIREMENTS:** Teacher/Counselor Approval Required
Intro to Law & Public Safety Sem. 1  LP1011

Introduction to Law and Public Service is an introductory level course in the new Law and Public Safety pathway. The course will examine law-related material and career options. It is designed to be an introduction to law, the legal system and fire science. An individual law-related project will be completed, presented and displayed by each student. Field trips and guest speakers from the Lawrence Police Department, Douglas County Sheriff, Douglas County District Attorney and Lawrence and Douglas County Fire and Medical.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Intro to Law & Public Safety Sem. 2  LP1012

Introduction to Law and Public Service is an introductory level course in the new Law and Public Safety pathway. The course will examine law-related material and career options. It is designed to be an introduction to law, the legal system and fire science. An individual law-related project will be completed, presented and displayed by each student. Field trips and guest speakers from the Lawrence Police Department, Douglas County Sheriff, Douglas County District Attorney and Lawrence and Douglas County Fire and Medical.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Forensic Science I Sem. 1  HC3311

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3321 - Forensic Science II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Forensic Science I Sem. 2  HC3312

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3322 - Forensic Science II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Forensic Science II Sem. 1  HC3321

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3311 - Forensic Science I Sem. 1
Forensic Science II Sem. 2  
HC3322
Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3312 - Forensic Science I Sem. 2

EMS First Responder I Sem. 1  
HC3411
This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 1  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3421 - EMS First Responder II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

EMS First Responder I Sem. 2  
HC3412
This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take HC3422 - EMS First Responder II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

EMS First Responder II Sem. 1  
HC3421
This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.
EMS First Responder II Sem. 2

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The course is taught by Johnson County Community College at the Lawrence College and Career Center. Students will earn 5 college credits upon successful completion. Tuition is waived.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
COREQUISITES: If you take this course, you must also take HC3411 - EMS First Responder I Sem. 1

Practical Law Sem. 1

This course is designed for students interested in law, government and politics. Students will be introduced to the Constitution, the branches of federal government, state and local government and the practices and functions of government. Additionally, the course includes the basics of legal topics of Constitutional issues, criminal law, ethics, torts, contracts and family and juvenile law. Students will have the opportunity to learn from experts during field visits and mentorships from professionals in the field of government and law. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
COREQUISITES: If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1
If you take this course, you must also take 4151C1 - US Government (w/ Practical Law) Sem. 1

Practical Law Sem. 2

This course is designed for students interested in law, government and politics. Students will be introduced to the Constitution, the branches of federal government, state and local government and the practices and functions of government. Additionally, the course includes the basics of legal topics of Constitutional issues, criminal law, ethics, torts, contracts and family and juvenile law. Students will have the opportunity to learn from experts during field visits and mentorships from professionals in the field of government and law. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
COREQUISITES: If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2
If you take this course, you must also take 4151C2 - US Government (w/ Practical Law) Sem. 2
## Manufacturing

### Intro to Industrial Technology Sem. 1

**CP1011**

Intro to Industrial Technology is designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, Welding & Transportation areas. Students will explore careers and skills in numerous fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9 |

### Intro to Industrial Technology Sem. 2

**CP1012**

Intro to Industrial Technology is designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, Welding & Transportation areas. Students will explore careers and skills in numerous fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9 |

### Drafting Sem. 1

**AC1011**

Drafting is offered to introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications. The course provides students with the knowledge, experience and ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems will be introduced. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

### Drafting Sem. 2

**AC1012**

Drafting is offered to introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications. The course provides students with the knowledge, experience and ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems will be introduced. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

### CAD/Drafting II Sem. 1

**AC2311**

These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

**PREREQUISITE:** AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2

### CAD/Drafting II Sem. 2

**AC2312**

These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

**PREREQUISITE:** AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2

### CAD/Drafting III Sem. 1

**AC2321**

These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques.
and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

**CAD/Drafting III Sem. 2**

AC2322

These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

**Auto/Welding for the Novice Sem. 2**

AT2112

This is an introductory course designed to instruct students in practical car maintenance and basic welding skills. Students will attain the basic skills to own and maintain a vehicle. Students will learn what to consider when buying a car, shopping for car insurance and acquiring a title. Students will also learn to safely use welding tools and explore beginning welding practices. All students will complete the OSHA 10 Hours Safety Training as part of the course. This course is offered in the spring semester only.

**Design/Build I Sem. 1**

AC3311

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**Design/Build II Sem. 1**

AC3321

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**Design/Build II Sem. 2**

AC3322

These courses are for students who have an interest in computer-aided drafting. The objective will be to provide computer uses for drafting skills learned in In Drafting. The year will be spent learning computer drawing techniques and developing 3-D computer drawings. The course is designed for students wishing to pursue a career in engineering, architecture, construction or drafting fields. Qualifies for JCCC Advanced Standing Credit (see page 7)
Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics in design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take AC3311 - Design/Build I Sem. 1

Design/Build II Sem. 2  AC3322

This basic course is offered to students with little or no welding experience. The first nine weeks are devoted to welding safety, cutting skills and welding techniques. The remainder of the course is focused on arc safety and welding using various kinds of electrodes. Some of these skills are flat welds, butt welds, fillet welds and lap welds using various kinds of electrodes and welding rods. Students will furnish their own protective clothing (coveralls), good used clothing is okay. Students will be required to wear safety glasses.

Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2

Welding I Sem. 1  MF2011

This basic course is offered to students with little or no welding experience. The first nine weeks are devoted to welding safety, cutting skills and welding techniques. The remainder of the course is focused on arc safety and welding using various kinds of electrodes. Some of these skills are flat welds, butt welds, fillet welds and lap welds using various kinds of electrodes and welding rods. Students will furnish their own protective clothing (coveralls), good used clothing is okay. Students will be required to wear safety glasses.

Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2

Welding I Sem. 2  MF2012

This basic course is offered to students with little or no welding experience. The first nine weeks are devoted to welding safety, cutting skills and welding techniques. The remainder of the course is focused on arc safety and welding using various kinds of electrodes. Some of these skills are flat welds, butt welds, fillet welds and lap welds using various kinds of electrodes and welding rods. Students will furnish their own protective clothing (coveralls), good used clothing is okay. Students will be required to wear safety glasses.

Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2

Advanced Welding Ia Sem. 1  MF3111

Advanced Welding Ia is an advanced course for students who intend to seek entry-level employment after completing a one-year program of study. The curriculum utilizes the American Welding Societies SENSE system, a nationally-recognized credentialing and certification system for welders. The course is taught by Neosho County Community College at Lawrence Free State High School. Students will earn 7 college credits upon successful completion. Tuition ($420) is waived, but there are course fees. This course, in combination with Advanced Welding Ib, will provide a certificate for students who intend to seek entry-level employment after completing a one-year program of study. This course is taught two days a week from 5:30 – 9:30pm and may be counted for high school elective credit. This course is
only offered in the fall.

Course Fee: $441 assessed by Neosho County Community College and covers both Advanced Welding Ia

**COURSE NOTE:** This course is offered at Free State High School by Neosho County Community College from 5:30 - 9:30 pm two days per week. Please note the fees related to this course.

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**Advanced Welding Ib Sem. 2**

MF3122

Advanced Welding Ib is an advanced course for students who intend to seek entry-level employment after completing a one-year program of study. The curriculum utilizes the American Welding Societies SENSE system, a nationally-recognized credentialing and certification system for welders. The course is taught by Neosho County Community College at Lawrence Free State High School. Students will earn 9 college credits upon successful completion. Tuition ($540) is waived, but there are course fees. This course, in combination with Advanced Welding Ia, will provide a certificate for students who intend to seek entry-level employment after completing a one-year program of study. This course is taught two days a week from 5:30 – 9:30 pm and may be counted for high school elective credit. This course is only offered in the spring.

Course Fee: $532 assessed by Neosho County Community College

**COURSE NOTE:** This course is offered at Free State High School by Neosho County Community College from 5:30 - 9:30 pm two days per week. Please note the fees related to this course.

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**PREREQUISITE:** Successful completion of Advanced Welding 1a through Neosho County Community College is required.

**Robotics I Sem. 1**

SM2311

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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**COREQUISITES:** If you take this course, you must also take SM2321 - Robotics II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

**Robotics I Sem. 2**

SM2312

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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**COREQUISITES:** If you take this course, you must also take SM2322 - Robotics II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2
### Robotics II Sem. 1  
**SM2321**

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2311 - Robotics I Sem. 1

### Robotics II Sem. 2  
**SM2322**

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2312 - Robotics I Sem. 2

### Principles of Engineering I Sem. 1  
**SM2411**

Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU)

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2421 - Principles of Engineering II Sem. 1

If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

### Principles of Engineering I Sem. 2  
**SM2412**

Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.
Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU)

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take SM2422 - Principles of Engineering II Sem. 2  
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

### Principles of Engineering II Sem. 1

SM2421

Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU)

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take SM2411 - Principles of Engineering I Sem. 1

### Principles of Engineering II Sem. 2

SM2422

Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU)

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take SM2412 - Principles of Engineering I Sem. 2

### Computer Integrated Manufacturing I Sem. 1

SM2511

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12
**COREQUISITES:** If you take this course, you must also take SM2521 - Computer Integrated Manufacturing II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

**Computer Integrated Manufacturing I Sem. 2**

*SM2512*

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2522 - Computer Integrated Manufacturing II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

**Computer Integrated Manufacturing II Sem. 1**

*SM2521*

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2511 - Computer Integrated Manufacturing I Sem. 1

**Computer Integrated Manufacturing II Sem. 2**

*SM2522*

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2512 - Computer Integrated Manufacturing I Sem. 2

**Welding II Sem. 1**

*MF2021*

Advanced welding techniques in MIG, TIG, plasma arc, oxyacetylene brazing and cutting will be covered in this course, as well as layout and fabrication techniques that apply to individual student projects. Upon completion of this course, students should have the necessary skills for successful job entry into welding and maintenance technician positions. Students will furnish their own protective clothing (coveralls), good used clothing is okay. Students will be required to wear safety glasses.
Qualifies for JCCC Advanced Standing Credit (see page 7)
A $20.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12

**PREREQUISITE:** MF2011 - Welding I Sem. 1 or MF2012 - Welding I Sem. 2

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**Welding II Sem. 2**

**MF2022**

Advanced welding techniques in MIG, TIG, plasma arc, oxyacetylene brazing and cutting will be covered in this course, as well as layout and fabrication techniques that apply to individual student projects. Upon completion of this course, students should have the necessary skills for successful job entry into welding and maintenance technician positions. Students will furnish their own protective clothing (coveralls), good used clothing is okay. Students will be required to wear safety glasses.

Qualifies for JCCC Advanced Standing Credit (see page 7)
A $20.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12

**PREREQUISITE:** MF2011 - Welding I Sem. 1 or MF2012 - Welding I Sem. 2
**Business Essentials Sem. 1**

Business Essentials is an introductory business class. It will provide students with a basic understanding of business in our economy. A few of the topics are: our economic system, supply and demand, the stock market, banking, business management, and marketing. Throughout the semester the students will work on individual and group projects, research and present information, use interactive websites and software, and view videos. This course will provide a gateway to the other business courses offered at the high school. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

**Accounting I Sem. 1**

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**Accounting II Sem. 1**

Accounting II allows students to continue to develop their understanding of accounting principles. Through a practical, hands-on approach the students will use accounting tools, such as Excel, QuickBooks, and the Internet, to analyze financial data for a merchandising business. They will interpret financial data to assist in business decision-making. A simulation packet will be used to provide a realistic environment for the students to work and learn as accountants. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**Accounting II Sem. 2**

Accounting II allows students to continue to develop their understanding of accounting principles. Through a practical, hands-on approach the students will use accounting tools, such as Excel, QuickBooks, and the Internet, to analyze financial data for a merchandising business. They will interpret financial data to assist in business decision-making. A simulation packet will be used to provide a realistic environment for the students to work and learn as accountants. Qualifies for JCCC Advanced Standing Credit (see page 7)

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**Accounting I Sem. 2**

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**Accounting I Sem. 2**

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

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| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

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**Accounting I Sem. 2**

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |

**Accounting I Sem. 2**

This course will help students gain general accounting knowledge and skill. Students will learn accounting for personal and business financial activities and how it relates to business careers. They will analyze transactions, use various journals and ledgers, and prepare financial statements for a fiscal period. The hands-on approach of this course will allow students to use the Internet, accounting software, simulations, and projects to enhance their learning experience.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |
Marketing I Sem. 1  
BF2211  
Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.  
CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12

Marketing I Sem. 2  
BF2212  
Marketing Education I is a course designed to provide students with basic entry-level knowledge and skill needed for career opportunities in the field of Marketing. Students will understand and be able to explain the concepts of Marketing Fundamentals, Marketing Planning, Marketing Research, Product Planning, Promotion, and Advertising. Students will also have the opportunity to join and participate in DECA, an association of marketing students. Participation in DECA will allow students to gain leadership and competitive skills through local, state, regional, and national leadership conferences and competition.  
CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12

Marketing II Sem. 1  
BF2221  
Marketing Education II continues to educate students using a practical approach to marketing in today’s technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain leadership and competitive skills through local, state, regional, and national leadership conferences. Qualifies for JCCC Advanced Standing Credit (see page 7)  
CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12  
PREREQUISITE: BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

Marketing II Sem. 2  
BF2222  
Marketing Education II continues to educate students using a practical approach to marketing in today’s technological business environment. The Students will pursue an in depth focus on Market Planning, Pricing, and Selling. Students will assist in the operation of the school store, gain experience in human relations, management, customer service, and stock control. DECA, the marketing management club, is incorporated within the class and will allow student to gain leadership and competitive skills through local, state, regional, and national leadership conferences. Qualifies for JCCC Advanced Standing Credit (see page 7)  
CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12  
PREREQUISITE: BF2211 - Marketing I Sem. 1 or BF2212 - Marketing I Sem. 2

Entrepreneurship Sem. 1  
BF2311  
Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)  
CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12

Entrepreneurship Sem. 2  
BF2312  
Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. Qualifies for JCCC Advanced Standing Credit (see page 7)  
CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12
Business Economics Sem. 1  BF2511
Business Economics integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk). Upon completion of the course students will understand the future implications of their personal spending, saving and credit decisions, and how similar economic decisions affect the economic markets globally.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: BF1011 - Business Essentials Sem. 1 or BF1012 - Business Essentials Sem. 2

Business Economics Sem. 2  BF2512
Business Economics integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk). Upon completion of the course students will understand the future implications of their personal spending, saving and credit decisions, and how similar economic decisions affect the economic markets globally.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: BF1011 - Business Essentials Sem. 1 or BF1012 - Business Essentials Sem. 2

Marketing III/Management Sem. 1  BF3231
Marketing Education III is a senior level course recommended for both college bound and non-college bound students. Students taking this course must also participate in a career learning experience. The students manage the school store and develop skills that are necessary for a mid-level management job. DECA, the marketing and management club, is an integral part of this class and will enable students to participate and compete in regional, state, and national events and provides relationships with national companies offering work experiences.
Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 12
PREREQUISITE: BF2221 - Marketing II Sem. 1 or BF2222 - Marketing II Sem. 2
OTHER REQUIREMENTS: Permission of Instructor
COREQUISITES: If you take this course, you must also take BF3232 - Marketing III/Management Sem. 2

Marketing III/Management Sem. 2  BF3232
Marketing Education III is a senior level course recommended for both college bound and non-college bound students. Students taking this course must also participate in a career learning experience. The students manage the school store and develop skills that are necessary for a mid-level management job. DECA, the marketing and management club, is an integral part of this class and will enable students to participate and compete in regional, state, and national events and provides relationships with national companies offering work experiences.
Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 12
COREQUISITES: If you take this course, you must also take BF3231 - Marketing III/Management Sem. 1

Marketing III/Marketing Research Sem. 1  BF3331
Marketing III/Marketing Research is a senior course recommended for both college bound and non-college bound students. The students will engage in marketing information management, marketing research, report writing, and presentation skills. Students taking this course must also participate in a career learning experience. The students will also have the opportunity to join DECA, the marketing club. DECA will enable students to participate and compete in regional, state, and national events.
Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 12
PREREQUISITE: BF2221 - Marketing II Sem. 1 or BF2222 - Marketing II Sem. 2
OTHER REQUIREMENTS: Permission of Instructor
COREQUISITES: If you take this course, you must also take BF3332 - Marketing III/Marketing Research Sem. 2
Marketing III/Marketing Research Sem. 2  BF3332

Marketing III/Marketing Research is a senior course recommended for both college bound and non-college bound students. The students will engage in marketing information management, marketing research, report writing, and presentation skills. Students taking this course must also participate in a career learning experience. The students will also have the opportunity to join DECA, the marketing club. DECA will enable students to participate and compete in regional, state, and national events. Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take BF3331 - Marketing III/Marketing Research Sem. 1
Mathematics

**Introductory Algebra Sem. 1** 205111

This course is designed for students who need more time to assimilate certain algebraic concepts. The course covers algebraic expressions, equations, inequalities and linear functions. It reviews the properties of integers, fractions, ratios, proportions and percents. The course also covers geometry, statistics and data analysis. Most students completing this course will enroll in Algebra I. It is recommended that students purchase a TI-30X IIS calculator for this class.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9

**OTHER REQUIREMENTS:** Recommendation Required

**COREQUISITES:** If you take this course, you must also take 205112 - Introductory Algebra Sem. 2

**Introductory Algebra Sem. 2** 205112

This course is designed for students who need more time to assimilate certain algebraic concepts. The course covers algebraic expressions, equations, inequalities and linear functions. It reviews the properties of integers, fractions, ratios, proportions and percents. The course also covers geometry, statistics and data analysis. Most students completing this course will enroll in Algebra I. It is recommended that students purchase a TI-30X IIS calculator for this class.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 205111 - Introductory Algebra Sem. 1

**Algebra I Sem. 1** 205211

Students will deepen and extend their understanding of previous algebraic concepts. Topics for this course include linear functions, exponential functions, quadratic functions and modeling while engaged in the mathematical practice standards. It is recommended that students purchase a TI30X IIS calculator for this class.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-10

**COREQUISITES:** If you take this course, you must also take 205212 - Algebra I Sem. 2

**Algebra I Sem. 2** 205212

Students will deepen and extend their understanding of previous algebraic concepts. Topics for this course include linear functions, exponential functions, quadratic functions and modeling while engaged in the mathematical practice standards. It is recommended that students purchase a TI30X IIS calculator for this class.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-10

**COREQUISITES:** If you take this course, you must also take 205211 - Algebra I Sem. 1

**Advanced Algebra II Sem. 1** 2056A1

The material covered in this course will include all topics contained in Algebra II including matrices, logarithmic and exponential functions, arithmetic and geometric sequences and series. This is a rigorous course designed to challenge the dedicated mathematics student. Above-average performance in previous math courses is strongly recommended. Students are required to purchase a TI 83 or TI 84 calculator for this class.

**CREDIT:** 0.5  **TYPE:** Advanced  **GRADE:** 9-10

**PREREQUISITE:** 207212 - Geometry Sem. 2

**COREQUISITES:** If you take this course, you must also take 2056A2 - Advanced Algebra II Sem. 2

**Advanced Algebra II Sem. 2** 2056A2

The material covered in this course will include all topics contained in Algebra II including matrices, logarithmic and exponential functions, arithmetic and geometric sequences and series. This is a rigorous course designed to challenge the dedicated mathematics student. Above-average performance in previous math courses is strongly recommended. Students are required to purchase a TI 83 or TI 84 calculator for this class.

**CREDIT:** 0.5  **TYPE:** Advanced  **GRADE:** 9-10

**COREQUISITES:** If you take this course, you must also take 2056A1 - Advanced Algebra II Sem. 1
Algebra I Lab Sem. 1

.5 or 1 credit/1 or 2 sem.
The purpose of Algebra 1 Lab is to provide extra support to students who have experienced difficulty in math. Instruction in basic skills will be provided and efforts will be made to reinforce and preteach concepts and skills taught in regular math classes. Student grades for the course are based on daily participation and work completion. Enrollment is by teacher recommendation only.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-10
OTHER REQUIREMENTS: Recommendation Required

Algebra I Lab Sem. 2

.5 or 1 credit/1 or 2 sem.
The purpose of Algebra 1 Lab is to provide extra support to students who have experienced difficulty in math. Instruction in basic skills will be provided and efforts will be made to reinforce and preteach concepts and skills taught in regular math classes. Student grades for the course are based on daily participation and work completion. Enrollment is by teacher recommendation only.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-10
OTHER REQUIREMENTS: Recommendation Required

Geometry Sem. 1

Topics for this course include: definitions, properties and measurements of geometric figures, properties of parallel lines, rotations, translations, proofs, study of the Pythagorean Theorem, basic constructions, coordinate geometry and trigonometry. This class is recommended for students who were successful in Algebra I. It is recommended that students purchase a TI30X IIS calculator for this class.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-10
PREREQUISITE: 205212 - Algebra I Sem. 2
COREQUISITES: If you take this course, you must also take 207212 - Geometry Sem. 2

Geometry Sem. 2

Topics for this course include: definitions, properties and measurements of geometric figures, properties of parallel lines, rotations, translations, proofs, study of the Pythagorean Theorem, basic constructions, coordinate geometry and trigonometry. This class is recommended for students who were successful in Algebra I. It is recommended that students purchase a TI30X IIS calculator for this class.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-10
COREQUISITES: If you take this course, you must also take 207211 - Geometry Sem. 1

Advanced Geometry Sem. 1

Material covered in this class includes all topics contained in Geometry but in greater depth with a strong emphasis on real-world applications. Formal and informal proofs will be emphasized. It is a rigorous course designed to challenge the dedicated math student. Above average performance in previous math courses is strongly recommended.

CREDIT: 0.5       TYPE: Advanced       GRADE: 9-10
PREREQUISITE: Algebra I or Integrated Alg. 1 Plus
COREQUISITES: If you take this course, you must also take 207312 - Advanced Geometry Sem. 2

Advanced Geometry Sem. 2

Material covered in this class includes all topics contained in Geometry but in greater depth with a strong emphasis on real-world applications. Formal and informal proofs will be emphasized. It is a rigorous course designed to challenge the dedicated math student. Above average performance in previous math courses is strongly recommended.

CREDIT: 0.5       TYPE: Advanced       GRADE: 9-10
COREQUISITES: If you take this course, you must also take 207311 - Advanced Geometry Sem. 1
Geometry Lab Sem. 1 207911
.5 or 1 credit/1 or 2 sem.
The purpose of Algebra 1 Lab is to provide extra support to students who have experienced difficulty in math. Instruction in basic skills will be provided and efforts will be made to reinforce and preteach concepts and skills taught in regular math classes. Student grades for the course are based on daily participation and work completion. Enrollment is by teacher recommendation only.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-10
OTHER REQUIREMENTS: Recommendation Required

Geometry Lab Sem. 2 207912
.5 or 1 credit/1 or 2 sem.
The purpose of Algebra 1 Lab is to provide extra support to students who have experienced difficulty in math. Instruction in basic skills will be provided and efforts will be made to reinforce and preteach concepts and skills taught in regular math classes. Student grades for the course are based on daily participation and work completion. Enrollment is by teacher recommendation only.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-10
OTHER REQUIREMENTS: Recommendation Required

Algebra II Sem. 1 205691
The topics covered in this course will include mathematical operations and graphing and solving systems of equations, linear and quadratic equations and inequalities, polynomial equations, rational equations, and graph and write equations of conics. It is recommended that students purchase a TI 83 or TI 84 calculator for this class.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
PREREQUISITE: 207212 - Geometry Sem. 2
COREQUISITES: If you take this course, you must also take 205692 - Algebra II Sem. 2

Algebra II Sem. 2 205692
The topics covered in this course will include mathematical operations and graphing and solving systems of equations, linear and quadratic equations and inequalities, polynomial equations, rational equations, and graph and write equations of conics. It is recommended that students purchase a TI 83 or TI 84 calculator for this class.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
COREQUISITES: If you take this course, you must also take 205691 - Algebra II Sem. 1

Mathematics—Individual Goals Sem. 1 299911
The student’s IEP will require enrolling in this course to meet Kansas Extended Standards and graduation requirements. The purpose of this course is to teach students basic mathematics, as well as the skills for applying what is learned to everyday life situations. Students will learn to use a calculator to perform basic computations, count money, tell time, and use mathematics processes in a functional way.
CREDIT: 0.5  TYPE: IEP  GRADE: 9-12
OTHER REQUIREMENTS: Recommendation Required
COREQUISITES: If you take this course, you must also take 299912 - Mathematics—Individual Goals Sem. 2

Mathematics—Individual Goals Sem. 2 299912
The student’s IEP will require enrolling in this course to meet Kansas Extended Standards and graduation requirements. The purpose of this course is to teach students basic mathematics, as well as the skills for applying what is learned to everyday life situations. Students will learn to use a calculator to perform basic computations, count money, tell time, and use mathematics processes in a functional way.
CREDIT: 0.5  TYPE: IEP  GRADE: 9-12
**Principles of Algebra and Geometry Sem. 1**  
08071

This course emphasizes strengthening and applying algebraic skills within the framework of geometry. Topics for this course include: definitions, properties and measurements of geometric figures, properties of parallel lines, proofs, study of the Pythagorean Theorem, coordinate geometry and trigonometry. This class is recommended for students needing reinforcement in algebraic skills.  
It is recommended that students purchase a TI30X IIS calculator for this class.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-11

**PREREQUISITE:** 205212 - Algebra I Sem. 2

**OTHER REQUIREMENTS:** Recommendation Required

**COREQUISITES:** If you take this course, you must also take 08072 - Principles of Algebra and Geometry Sem. 2

**Principles of Algebra and Geometry Sem. 2**  
08072

This course emphasizes strengthening and applying algebraic skills within the framework of geometry. Topics for this course include: definitions, properties and measurements of geometric figures, properties of parallel lines, proofs, study of the Pythagorean Theorem, coordinate geometry and trigonometry. This class is recommended for students needing reinforcement in algebraic skills.  
It is recommended that students purchase a TI30X IIS calculator for this class.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-11

**COREQUISITES:** If you take this course, you must also take 08071 - Principles of Algebra and Geometry Sem. 1

**Fundamentals in Mathematics Sem. 1**  
200211

.5 or 1 credit/1 or 2 sem.  
Fundamentals in Mathematics may be taken for one semester or one year by students who demonstrate a need and desire for basic skills of arithmetic. Topics will include basic operations involving whole numbers, fractions and decimals, percentages, graphs, and applications to everyday living. Students will also be introduced to concepts of algebra.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**OTHER REQUIREMENTS:** Recommendation Required

**Fundamentals in Mathematics Sem. 2**  
200212

.5 or 1 credit/1 or 2 sem.  
Fundamentals in Mathematics may be taken for one semester or one year by students who demonstrate a need and desire for basic skills of arithmetic. Topics will include basic operations involving whole numbers, fractions and decimals, percentages, graphs, and applications to everyday living. Students will also be introduced to concepts of algebra.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**OTHER REQUIREMENTS:** Recommendation Required

**Pre-Calculus Sem. 1**  
211011

This course is designed for the college-bound student. Functions will be the focus of this course. These functions will include linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise defined. In addition to functions, conic sections will be reviewed, vectors will be introduced, and selected topics from discrete mathematics will be included. Students are required to purchase a TI 83 or TI 84 calculator for this class.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** Adv Algebra II or Analysis

**COREQUISITES:** If you take this course, you must also take 211012 - Pre-Calculus Sem. 2

**Pre-Calculus Sem. 2**  
211012

This course is designed for the college-bound student. Functions will be the focus of this course. These functions will include linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise defined.
In addition to functions, conic sections will be reviewed, vectors will be introduced, and selected topics from discrete mathematics will be included. Students are required to purchase a TI 83 or TI 84 calculator for this class.

**Analysis Sem. 1**  
210511  
This course covers logarithmic and exponential functions, topics from probability and statistics (including sampling techniques and drawing inferences from charts, tables, and graphs that summarize data from “real-world” situations) and trigonometry.  
It is recommended that students purchase a TI 83 or TI 84 calculator for this class.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 211011 - Pre-Calculus Sem. 1

**Analysis Sem. 2**  
210512  
This course covers logarithmic and exponential functions, topics from probability and statistics (including sampling techniques and drawing inferences from charts, tables, and graphs that summarize data from “real-world” situations) and trigonometry.  
It is recommended that students purchase a TI 83 or TI 84 calculator for this class.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**PREREQUISITE:** Algebra II or Adv Algebra II

**COREQUISITES:** If you take this course, you must also take 210512 - Analysis Sem. 2

**AP Calculus AB Sem. 1**  
212411  
This course is designed to provide the college-bound student with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare for college courses. This year-long course is equivalent to a semester course of college calculus. Topics covered include limits, continuity, derivatives and basic integrals. Applications of these topics will be emphasized. This course will cover topics at a similar conceptual level as AP Calculus BC. Students are encouraged to take the Advanced Placement Calculus AB exam. There is a cost associated with the AP Exam; however, the AP Exam is not required. Students successfully completing this course can enroll in AP Calculus B.  
Graphing calculators are required for this course and for the Advanced Placement Exam. The model/brand of calculator is specified by the AP College Board on their website.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12

**PREREQUISITE:** 211012 - Pre-Calculus Sem. 2

**COREQUISITES:** If you take this course, you must also take 212412 - AP Calculus AB Sem. 2

**AP Calculus AB Sem. 2**  
212412  
This course is designed to provide the college-bound student with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare for college courses. This year-long course is equivalent to a semester course of college calculus. Topics covered include limits, continuity, derivatives and basic integrals. Applications of these topics will be emphasized. This course will cover topics at a similar conceptual level as AP Calculus BC. Students are encouraged to take the Advanced Placement Calculus AB exam. There is a cost associated with the AP Exam; however, the AP Exam is not required. Students successfully completing this course can enroll in AP Calculus B.  
Graphing calculators are required for this course and for the Advanced Placement Exam. The model/brand of calculator is specified by the AP College Board on their website.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 212411 - AP Calculus AB Sem. 1

**AP Calculus BC Sem. 1**  
212511  
This course is designed to provide the college-bound student with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. This
course is equivalent to two semesters of college calculus. The topics covered in AP Calculus AB will also be covered in this course. In addition, this course will cover infinite series, polynomial approximation, applications of parametric, polar, and vector functions, and a more in depth study of integrals. Students are encouraged to take the Advanced Placement Calculus BC exam which will include a Calculus AB subscore. There is a cost associated with the AP Exam; however, the AP Exam is not required.

Graphing calculators are required for this course and for the Advanced Placement Exam. The model/brand of calculator is specified by the AP College Board on their website.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12  
**PREREQUISITE:** 211012 - Pre-Calculus Sem. 2  
**COREQUISITES:** If you take this course, you must also take 212512 - AP Calculus BC Sem. 2

**AP Calculus BC Sem. 2 212512**

This course is designed to provide the college-bound student with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. This course is equivalent to two semesters of college calculus. The topics covered in AP Calculus AB will also be covered in this course. In addition, this course will cover infinite series, polynomial approximation, applications of parametric, polar, and vector functions, and a more in depth study of integrals. Students are encouraged to take the Advanced Placement Calculus BC exam which will include a Calculus AB subscore. There is a cost associated with the AP Exam; however, the AP Exam is not required.

Graphing calculators are required for this course and for the Advanced Placement Exam. The model/brand of calculator is specified by the AP College Board on their website.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take 212511 - AP Calculus BC Sem. 1

**Algebra for the College Bound Sem. 1 205711**

This year long course is designed to provide the college-bound student with in-depth foundation of the fundamental concepts of college algebra. Emphasis will be given to Applications. Students are required to purchase a TI 83 or TI 84 calculator for this class.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12  
**PREREQUISITE:** Algebra II or above  
**COREQUISITES:** If you take this course, you must also take 205712 - Algebra for the College Bound Sem. 2

**Algebra for the College Bound Sem. 2 205712**

This year long course is designed to provide the college-bound student with in-depth foundation of the fundamental concepts of college algebra. Emphasis will be given to Applications. Students are required to purchase a TI 83 or TI 84 calculator for this class.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12  
**COREQUISITES:** If you take this course, you must also take 205711 - Algebra for the College Bound Sem. 1

**MATH 101 College Algebra - University of Kansas Sem. 1 2057C1**

This is a concurrent credit course for students wishing to earn college credit while attending high school. The course is designed to reinforce basic mathematical skills and deepen conceptual understand of the algebraic principles fundamental to mathematical reasoning. This course is a first-level course in the fulfillment of the mathematics requirement for graduation from the University of Kansas. All students enrolled will be required to apply as a non-degree seeking student to the University of Kansas. Students will be required to pay tuition and fees to the University of Kansas totaling $309.00. This course utilizes the same curriculum, assessments, standards of achievement and grading practice as expected of students on-campus college students.

**KU Course Description:** Coordinate systems, functions and their graphs; linear, quadratic, general polynomial, rational, exponential, and logarithmic functions; equations and inequalities; linear and non-linear systems and matrices.

To learn more about concurrent credit courses offered through a partnership between USD 497 and the Lawrence Public Schools, please visit www.usd497.org/kuconcurrentcredit

**COURSE NOTE:** Course Fee: $309 assessed by the University of Kansas
CREDIT: 0.5  TYPE: Regular  GRADE: 12

PREREQUISITE: Completion of Algebra I and Algebra II and a score of 22 or higher on the ACT mathematics, or a qualifying score on the University of Kansas mathematics placement test.

COREQUISITES: If you take this course, you must also take 2057C2 - MATH 101 College Algebra - University of Kansas Sem. 2

MATH 101 College Algebra - University of Kansas Sem. 2  2057C2

This is a concurrent credit course for students wishing to earn college credit while attending high school. The course is designed to reinforce basic mathematical skills and deepen conceptual understanding of the algebraic principles fundamental to mathematical reasoning. This course is a first-level course in the fulfillment of the mathematics requirement for graduation from the University of Kansas. All students enrolled will be required to apply as a non-degree seeking student to the University of Kansas. Students will be required to pay tuition and fees to the University of Kansas totaling $310.00. This course utilizes the same curriculum, assessments, standards of achievement and grading practices as expected of students on-campus college students.

KU Course Description: Coordinate systems, functions and their graphs; linear, quadratic, general polynomial, rational, exponential, and logarithmic functions; equations and inequalities; linear and non-linear systems and matrices.

To learn more about concurrent credit courses offered through a partnership between USD 497 and the Lawrence Public Schools, please visit www.usd497.org/kuconcurrentcredit

CREDIT: 0.5  TYPE: Regular  GRADE: 12

COREQUISITES: If you take this course, you must also take 2057C1 - MATH 101 College Algebra - University of Kansas Sem. 1

Senior Consumer Math Sem. 1  215711

.5 or 1 credit/1 or 2 sem.
The fundamental arithmetic concepts such as addition, subtraction, multiplication and division of whole numbers, fractions and decimals are applied to everyday life situations such as cash and installment purchases, insurance, investments, loans and other banking services (checking and savings accounts, taxes, budgets, etc.) Enrollment in this course is limited to seniors.

It is suggested that students purchase a scientific calculator.

CREDIT: 0.5  TYPE: Regular  GRADE: 12

Senior Consumer Math Sem. 2  215712

.5 or 1 credit/1 or 2 sem.
The fundamental arithmetic concepts such as addition, subtraction, multiplication and division of whole numbers, fractions and decimals are applied to everyday life situations such as cash and installment purchases, insurance, investments, loans and other banking services (checking and savings accounts, taxes, budgets, etc.) Enrollment in this course is limited to seniors.

It is suggested that students purchase a scientific calculator.

CREDIT: 0.5  TYPE: Regular  GRADE: 12

AP Statistics Sem. 1  220311

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. Students are encouraged to take the Advanced Placement Statistics exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

Graphing calculators are required for this course and for the Advanced Placement Exam. The model/brand of calculator is specified by the AP College Board on their website.

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 12

PREREQUISITE: Pre-Calculus or Analysis

COREQUISITES: If you take this course, you must also take 220312 - AP Statistics Sem. 2
This course is designed to provide college-bound students with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. Students are encouraged to take the Advanced Placement Statistics exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

Graphing calculators are required for this course and for the Advanced Placement Exam. The model/brand of calculator is specified by the AP College Board on their website.

**CREDIT:** 0.5

**TYPE:** Advanced Placement

**GRADE:** 12

**COREQUISITES:** If you take this course, you must also take 220311 - AP Statistics Sem. 1
**AVID Sem. 1**  
W00301

Advancement Via Individual Determination (AVID) is a 4 year course designed for students in the academic middle who have high potential for acceptance and success in postsecondary education. Students who are accepted into the AVID program are required to enroll in rigorous course (advanced and AP classes), maintain at least a "C" average in all classes, model good citizenship at school and in class, and become active members of the school and community through participation in extra-curricular activities and community service. During AVID class, students will focus on developing skills in writing, inquiry, collaboration, and organization through all content areas as well as building self-advocacy and leadership skills. In addition, students in AVID will also participate in career and college exploration activities and prepare for college entrance exams such as the ACT and SAT. Students and/or parents who believe this program might be of benefit should contact the student's counselor to begin the application and interview process.

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<th>CREDIT: 0.5</th>
<th>TYPE: Regular</th>
<th>GRADE: 9-12</th>
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**OTHER REQUIREMENTS:** Recommendation Required

**Integrated Studies Sem. 1**  
W99911

This program is designed to serve students who are freshmen, sophomores, juniors or seniors. The integrated studies program is designed to provide individualized learning opportunities to best meet students' needs. Each student will have an independent set of goals on which to work that are unique to the student's own learning method, rate, level, style, and program. Support is provided to general education teachers working with students from the program within their general education classes. Students receive one elective credit per semester.

An Active IEP and Placement by the IEP Team is required.

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<th>CREDIT: 0.5</th>
<th>TYPE: IEP</th>
<th>GRADE: 9-12</th>
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**OTHER REQUIREMENTS:** Recommendation Required

**COREQUISITES:** If you take this course, you must also take W99912 - Integrated Studies Sem. 2

**Integrated Studies Sem. 2**  
W99912

This program is designed to serve students who are freshmen, sophomores, juniors or seniors. The integrated studies program is designed to provide individualized learning opportunities to best meet students' needs. Each student will have an independent set of goals on which to work that are unique to the student's own learning method, rate, level, style, and program. Support is provided to general education teachers working with students from the program within their general education classes. Students receive one elective credit per semester.

An Active IEP and Placement by the IEP Team is required.

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**OTHER REQUIREMENTS:** Recommendation Required

**COREQUISITES:** If you take this course, you must also take W99911 - Integrated Studies Sem. 1

**Directed Studies Sem. 1**  
W99921

This program is designed to serve students who are freshmen, sophomores, juniors or seniors. The integrated studies program is designed to provide individualized learning opportunities to best meet students' needs. Each student will have an independent set of goals on which to work that are unique to the student's own learning method, rate, level, style, and program. Support is provided to general education teachers working with students from the program within their general education classes. Students receive one elective credit per semester.

An Active IEP and Placement by the IEP Team is required.

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<th>CREDIT: 0.5</th>
<th>TYPE: IEP</th>
<th>GRADE: 9-12</th>
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**OTHER REQUIREMENTS:** Recommendation Required

**COREQUISITES:** If you take this course, you must also take W99921 - Directed Studies Sem. 1
Directed Studies provides support for successful learning. It is designed for students who do not have IEPs and who have not successfully completed 9th grade required credits or met minimum standards in two or more courses. Students and/or parents who believe this program might be of benefit should contact the student’s counselor.

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<thead>
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<th>Course Details</th>
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<td><strong>Directed Studies Sem. 2</strong></td>
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<td><strong>Enrichment Resource Sem. 1</strong></td>
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<td><strong>Enrichment Resource Sem. 2</strong></td>
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<td><strong>Library/Media Service Worker Sem. 1</strong></td>
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<td>CR: 0.5</td>
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<tr>
<td><strong>Library/Media Service Worker Sem. 2</strong></td>
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<td>CR: 0.5</td>
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</tbody>
</table>

The gifted education program is designed to assist identified students with high intellectual and academic abilities. Topics of study emphasize higher level thinking processes. Teacher-directed class instruction may incorporate individualized learning, in-depth units of study, research and discussion skills, and participation in simulations and competitions. Instruction facilities critical and creative thinking, problem-solving, teamwork, task commitment and risk-taking skills. Students are identified according to state guidelines for special education. An Active IEP and Placement by the IEP Team is required.

An Active IEP and Placement by the IEP Team is required.

Students and teachers/librarians/counselors/principals who enter into an aide agreement must meet specifications as determined by the high school in order to receive credit. The duties and responsibilities of the teacher aide must be listed, on file, and should incorporate the subject area of the class. Only after these requirements are completed will 0.5 credit be granted. Only one aide section can be taken by the student per semester. These courses will be offered for credit/no credit only.
Teacher Aide Sem. 1

Students and teachers/librarians/counselors/principals who enter into an aide agreement must meet specifications as determined by the high school in order to receive credit. The duties and responsibilities of the teacher aide must be listed, on file, and should incorporate the subject area of the class. Only after these requirements are completed will 0.5 credit be granted. Only one aide section can be taken by the student per semester. These courses will be offered for credit/no credit only.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |

| OTHER REQUIREMENTS: Recommendation Required |

Teacher Aide Sem. 2

Students and teachers/librarians/counselors/principals who enter into an aide agreement must meet specifications as determined by the high school in order to receive credit. The duties and responsibilities of the teacher aide must be listed, on file, and should incorporate the subject area of the class. Only after these requirements are completed will 0.5 credit be granted. Only one aide section can be taken by the student per semester. These courses will be offered for credit/no credit only.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |

| OTHER REQUIREMENTS: Recommendation Required |

General Office Sem. 1

Students and teachers/librarians/counselors/principals who enter into an aide agreement must meet specifications as determined by the high school in order to receive credit. The duties and responsibilities of the teacher aide must be listed, on file, and should incorporate the subject area of the class. Only after these requirements are completed will 0.5 credit be granted. Only one aide section can be taken by the student per semester. These courses will be offered for credit/no credit only.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |

| OTHER REQUIREMENTS: Recommendation Required |

General Office Sem. 2

Students and teachers/librarians/counselors/principals who enter into an aide agreement must meet specifications as determined by the high school in order to receive credit. The duties and responsibilities of the teacher aide must be listed, on file, and should incorporate the subject area of the class. Only after these requirements are completed will 0.5 credit be granted. Only one aide section can be taken by the student per semester. These courses will be offered for credit/no credit only.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |

| OTHER REQUIREMENTS: Recommendation Required |

Counseling Office Sem. 1

Students and teachers/librarians/counselors/principals who enter into an aide agreement must meet specifications as determined by the high school in order to receive credit. The duties and responsibilities of the teacher aide must be listed, on file, and should incorporate the subject area of the class. Only after these requirements are completed will 0.5 credit be granted. Only one aide section can be taken by the student per semester. These courses will be offered for credit/no credit only.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 11-12 |

| OTHER REQUIREMENTS: Recommendation Required |

Counseling Office Sem. 2

Students and teachers/librarians/counselors/principals who enter into an aide agreement must meet specifications as determined by the high school in order to receive credit. The duties and responsibilities of the teacher aide must be listed, on file, and should incorporate the subject area of the class. Only after these requirements are completed will 0.5 credit be granted. Only one aide section can be taken by the student per semester. These courses will be offered for credit/no credit only.
Independent Study Sem. 1

This option is designed for the individual desiring an in-depth study in a particular subject area. The student must be sponsored by a faculty member prior to enrollment, preferably initiated by the sponsor. This course cannot be substituted for a class in a core academic area. Forms are available in the student services office. Enrollment requires a committee for determination of grade/credit. The principal or appropriate assistant principal must approve forms. Limit of one enrollment per semester per student.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
OTHER REQUIREMENTS: Recommendation Required

Independent Study Sem. 2

This option is designed for the individual desiring an in-depth study in a particular subject area. The student must be sponsored by a faculty member prior to enrollment, preferably initiated by the sponsor. This course cannot be substituted for a class in a core academic area. Forms are available in the student services office. Enrollment requires a committee for determination of grade/credit. The principal or appropriate assistant principal must approve forms. Limit of one enrollment per semester per student.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
OTHER REQUIREMENTS: Recommendation Required

Post-Secondary Placement Sem. 1

This courses provide students with the option to attend classes in non-traditional settings. Written approval by school principal is required. For requirements and other information visit with the school counselor.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
OTHER REQUIREMENTS: Recommendation Required

Post-Secondary Placement Sem. 2

This courses provide students with the option to attend classes in non-traditional settings. Written approval by school principal is required. For requirements and other information visit with the school counselor.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
OTHER REQUIREMENTS: Recommendation Required

College & Career Center/Post Secondary Sem. 1

"Students who attend the Lawrence College & Career Center, the Advanced Culinary Lab at Holcomb or Lawrence High for Auto Service I, II, III and IV will are assigned 3 hours of semester credit. One credit can be used for individual/independent study or for enrollment in a post-secondary course.

To learn more about the schedule at the Lawrence College & Career Center visit www.usd497.org/discoverwhatsnext"

COURSE NOTE: This course is required for students traveling to the Lawrence College & Career Center, the Advanced Culinary Lab at Holcomb Park or Lawrence High School for Automotive Service I, II, III or IV.

Please visit with your counselor or administrator to release the course on your schedule.

Visit www.usd497.org/discoverwhatsnext for schedule details.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
COREQUISITES: If you take this course, you must also take IT2211 - Computer Technology I Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1
If you take this course, you must also take AC2511 - Construction - Level 1a1 Sem. 1
If you take this course, you must also take AC3311 - Design/Build I Sem. 1
If you take this course, you must also take HC3111 - Certified Nurse Aide (CNA) I Sem. 1
If you take this course, you must also take HC3211 - Certified Medication Aide (CMA) I Sem. 1
If you take this course, you must also take HC3311 - Forensic Science I Sem. 1
If you take this course, you must also take HT2021 - Culinary II Sem. 1
If you take this course, you must also take HT2111 - Event Planning and Management Sem. 1
If you take this course, you must also take SM2611 - Food Science I Sem. 1
If you take this course, you must also take IT2311 - Network Technology I Sem. 1
If you take this course, you must also take LP2011 - Practical Law Sem. 1
If you take this course, you must also take SM2311 - Robotics I Sem. 1
If you take this course, you must also take SM2411 - Principles of Engineering I Sem. 1
If you take this course, you must also take SM2511 - Computer Integrated Manufacturing I Sem. 1
If you take this course, you must also take AT2011 - Automotive Service I Sem. 1
If you take this course, you must also take AT3011 - Automotive Service III Sem. 1
If you take this course, you must also take HC3411 - EMS First Responder I Sem. 1
If you take this course, you must also take 4151C1 - US Government (w/ Practical Law) Sem. 1

College & Career Center/Post-Secondary Sem. 2  
W99CC2

"Students who attend the Lawrence College & Career Center, the Advanced Culinary Lab at Holcomb or Lawrence High for Auto Service I, II, III and IV will are assigned 3 hours of semester credit. One credit can be used for individual/independent study or for enrollment in a post-secondary course. To learn more about the schedule at the Lawrence College & Career Center visit www.usd497.org/discoverwhatsnext"

COURSE NOTE: This course is required for students traveling to the Lawrence College & Career Center, the Advanced Culinary Lab at Holcomb Park or Lawrence High School for Automotive Service I, II, III or IV. Visit www.usd497.org/discoverwhatsnext for schedule details.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take AT2012 - Automotive Service I Sem. 2
If you take this course, you must also take AC3512 - Construction - Level 1b1 Sem. 2
If you take this course, you must also take SM2312 - Robotics I Sem. 2
If you take this course, you must also take HC3112 - Certified Nurse Aide (CNA) I Sem. 2
If you take this course, you must also take HC3212 - Certified Medication Aide (CMA) I Sem. 2
If you take this course, you must also take SM2412 - Principles of Engineering I Sem. 2
If you take this course, you must also take SM2512 - Computer Integrated Manufacturing I Sem. 2
If you take this course, you must also take SM2612 - Food Science I Sem. 2
If you take this course, you must also take AT2012 - Automotive Service I Sem. 2
If you take this course, you must also take AT2312 - Network Technology I Sem. 2
If you take this course, you must also take HC3312 - Forensic Science I Sem. 2
If you take this course, you must also take AC3312 - Design/Build I Sem. 2
If you take this course, you must also take HT2022 - Culinary II Sem. 2
If you take this course, you must also take HT2112 - Event Planning and Management Sem. 2
If you take this course, you must also take LP2012 - Practical Law Sem. 2
If you take this course, you must also take AT3012 - Automotive Service III Sem. 2
If you take this course, you must also take HC3412 - EMS First Responder I Sem. 2
If you take this course, you must also take 4151C2 - US Government (w/ Practical Law) Sem. 2
Performing Arts

Concert Band Sem. 1  

The Concert Band is comprised of all freshman students who have had prior band experience. Students will perform a variety of concert band literature for the entire school year. Students will also experience pep band activities. Only currently enrolled members of Concert Band, Symphonic Band or Wind Ensemble may participate in KSHSAA music events and all KMEA music events.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges" chart at end of this guide.

Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment. All others not provided at secondary level.

CREDIT: 0.5  TYPE: Regular  GRADE: 9
PREREQUISITE: Band 8
COREQUISITES: If you take this course, you must also take 510212 - Concert Band Sem. 2

Concert Band Sem. 2  

The Concert Band is comprised of all freshman students who have had prior band experience. Students will perform a variety of concert band literature for the entire school year. Students will also experience pep band activities. Only currently enrolled members of Concert Band, Symphonic Band or Wind Ensemble may participate in KSHSAA music events and all KMEA music events.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges" chart at end of this guide.

Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment. All others not provided at secondary level.

CREDIT: 0.5  TYPE: Regular  GRADE: 9
COREQUISITES: If you take this course, you must also take 510211 - Concert Band Sem. 1

Freshman Orchestra Sem. 1  

The class will include:

• experiencing, understanding, and learning to appreciate a variety of musical styles
• improving specific techniques in shifting, vibrato, bowing styles and tone production
• improving sight-reading skills
• advancing ensemble playing skills in balance, blend, and intonation
• playing literature appropriate for the skill level of the orchestra
• applying learned skills in music performances

Grading is based on musical development, appropriate class participation and concert attendance. Only currently enrolled members of Freshman, Concert or Symphonic Orchestra may participate in KSHSAA music events and KMEA music events. Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges" chart at end of this guide.

Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment. All others not provided at secondary level.

CREDIT: 0.5  TYPE: Regular  GRADE: 9
PREREQUISITE: Orchestra 8
COREQUISITES: If you take this course, you must also take 510412 - Freshman Orchestra Sem. 2

Freshman Orchestra Sem. 2  

108
The class will include:
• experiencing, understanding, and learning to appreciate a variety of musical styles
• improving specific techniques in shifting, vibrato, bowing styles and tone production
• improving sight-reading skills
• advancing ensemble playing skills in balance, blend, and intonation
• playing literature appropriate for the skill level of the orchestra
• applying learned skills in music performances

Grading is based on musical development, appropriate class participation and concert attendance. Only currently enrolled members of Freshman, Concert or Symphonic Orchestra may participate in KSHSAA music events and KMEA music events. Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See “Course Fees and Additional Charges” chart at end of this guide.

Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment.

All others not provided at secondary level.

CREDIT: 0.5 TYPE: Regular GRADE: 9

COREQUISITES: If you take this course, you must also take 510411 - Freshman Orchestra Sem. 1

Freshman Choir (FHS) Sem. 1 5110F1

This is an elective class designed to provide ninth grade students experiences in choral music singing and performance. Students are required to attend all rehearsals and performances. Academic eligibility is required for participation at KSHSAA Regional and State Festivals. Students will:
• experience and learn to appreciate a wide variety of musical styles
• develop vocal technical skills
• learn how to protect and care for the voice
• improve music fundamentals and sight reading skills
• develop ensemble singing skills in interpretation, balance, blend, and intonation
• apply learned skills in music performances

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5 - $20). See “Course Fees and Additional Charges” chart at end of this guide.

CREDIT: 0.5 TYPE: Regular GRADE: 9

COREQUISITES: If you take this course, you must also take 5110F2 - Freshman Choir (FHS) Sem. 2

Freshman Choir (FHS) Sem. 2 5110F2

This is an elective class designed to provide ninth grade students experiences in choral music singing and performance. Students are required to attend all rehearsals and performances. Academic eligibility is required for participation at KSHSAA Regional and State Festivals. Students will:
• experience and learn to appreciate a wide variety of musical styles
• develop vocal technical skills
• learn how to protect and care for the voice
• improve music fundamentals and sight reading skills
• develop ensemble singing skills in interpretation, balance, blend, and intonation
• apply learned skills in music performances

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5 - $20). See “Course Fees and Additional Charges” chart at end of this guide.

CREDIT: 0.5 TYPE: Regular GRADE: 9

COREQUISITES: If you take this course, you must also take 510411 - Freshman Orchestra Sem. 1

Dance/Tumbling Sem. 1 500121

The first nine weeks of this course will concentrate on beginning- intermediate levels of ballet. Skills will be taught through stretching exercises, barre technique and movement across the floor. The second nine weeks will involve modern dance, some jazz dance and rhythmic aerobics. Students will be evaluated on the routines and combinations of steps learned in class. Dance fitness will also be incorporated into the course through exercise to music and aerobic routines.
Dance/Tumbling Sem. 2

The first nine weeks of this course will concentrate on beginning-intermediate levels of ballet. Skills will be taught through stretching exercises, barre technique and movement across the floor. The second nine weeks will involve modern dance, some jazz dance and rhythmic aerobics. Students will be evaluated on the routines and combinations of steps learned in class. Dance fitness will also be incorporated into the course through exercise to music and aerobic routines.

Introduction to Theater Sem. 1

Introduction to the Theater provides an overview of the art, conventions, and history of the theater. The course will emphasize learning about the theater rather than performance. Students will learn all of the elements that go into a full theatrical production, both onstage and offstage, as well as historical, literary, and cultural background material.

Introduction to Theater Sem. 2

Introduction to the Theater provides an overview of the art, conventions, and history of the theater. The course will emphasize learning about the theater rather than performance. Students will learn all of the elements that go into a full theatrical production, both onstage and offstage, as well as historical, literary, and cultural background material.

Music Theory/Jazz Improvisation Sem. 1

This course provides a context in which the experienced musician may develop their creativity in improvisation, with a focus on jazz. Students will develop intermediate music theory skills including chord progressions, chord voicings, voice-leading, harmonization of melodies, chord-scale theory, non-functional harmony, jazz rhythm and jazz form. Regular assignments will include writing, analyzing and performing arrangements of standard melodies and original tunes. Students should have the ability to read printed music. It is also strongly recommended that the student have acquired at least a basic performance skill in voice or an instrument.

Music Theory/Jazz Improvisation Sem. 2

This course provides a context in which the experienced musician may develop their creativity in improvisation, with a focus on jazz. Students will develop intermediate music theory skills including chord progressions, chord voicings, voice-leading, harmonization of melodies, chord-scale theory, non-functional harmony, jazz rhythm and jazz form. Regular assignments will include writing, analyzing and performing arrangements of standard melodies and original tunes. Students should have the ability to read printed music. It is also strongly recommended that the student have acquired at least a basic performance skill in voice or an instrument.

Men's Choir (LHS and FSHS) Sem. 1

This is an elective class designed to provide students with experiences in choral music singing and performance. Students are required to attend all rehearsals and performances. Academic eligibility is required for participation at KSHSAA Regional and State Festivals. Students will:

• experience and learn to appreciate a wide variety of musical styles
• develop vocal technical skills
• learn how to protect and care for the voice
• improve music fundamentals and sight reading skills
• develop ensemble singing skills in interpretation, balance, blend, and intonation
• apply learned skills in music performances

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See "Course Fees and Additional Charges” chart at end of this guide.
### Men’s Choir (LHS and FSHS) Sem. 2 5110M2

This is an elective class designed to provide students with experiences in choral music singing and performance. Students are required to attend all rehearsals and performances. Academic eligibility is required for participation at KSHSAA Regional and State Festivals. Students will:

- experience and learn to appreciate a wide variety of musical styles
- develop vocal technical skills
- learn how to protect and care for the voice
- improve music fundamentals and sight reading skills
- develop ensemble singing skills in interpretation, balance, blend, and intonation
- apply learned skills in music performances

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 5110M1 - Men’s Choir (LHS and FSHS) Sem. 1

### Women’s Choir (LHS and FSHS) Sem. 1 5110w1

This is an elective class designed to provide students with experiences in choral music singing and performance. Students are required to attend all rehearsals and performances. Academic eligibility is required for participation at KSHSAA Regional and State Festivals. Students will:

- experience and learn to appreciate a wide variety of musical styles
- develop vocal technical skills
- learn how to protect and care for the voice
- improve music fundamentals and sight reading skills
- develop ensemble singing skills in interpretation, balance, blend, and intonation
- apply learned skills in music performances

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 5110w2 - Women’s Choir (LHS and FSHS) Sem. 2

### Women’s Choir (LHS and FSHS) Sem. 2 5110w2

This is an elective class designed to provide students with experiences in choral music singing and performance. Students are required to attend all rehearsals and performances. Academic eligibility is required for participation at KSHSAA Regional and State Festivals. Students will:

- experience and learn to appreciate a wide variety of musical styles
- develop vocal technical skills
- learn how to protect and care for the voice
- improve music fundamentals and sight reading skills
- develop ensemble singing skills in interpretation, balance, blend, and intonation
- apply learned skills in music performances

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 5110w1 - Women’s Choir (LHS and FSHS) Sem. 1

### Music Theory Sem. 1 511311

This class is a basic music theory course especially designed for students desiring greater knowledge about the inner workings of music including melody, harmony, rhythm, chords and the mechanics of writing music. It is highly recommended for any student who anticipates taking music theory in college. Students should have the ability to read printed music.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 511312 - Music Theory Sem. 2
### Music Theory Sem. 2  
**511312**

This class is a basic music theory course especially designed for students desiring greater knowledge about the inner workings of music including melody, harmony, rhythm, chords and the mechanics of writing music. It is highly recommended for any student who anticipates taking music theory in college. Students should have the ability to read printed music.

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**COREQUISITES:** If you take this course, you must also take 511311 - Music Theory Sem. 1

### Debate I Fall Sem.  
**515311**

first semester only

Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only.

A $25.00 Co-Curricular fee is required for all Debate and Forensics students. In addition, a $25.00 Activity Ticket fee is required for all Debate and Forensics students.

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### Forensics I Spring Sem.  
**515462**

second semester only

Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one Forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in Forensics. Forensics is offered second semester only.

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### Acting I Sem. 1  
**505511**

This course will provide the student with a comprehensive study of acting techniques including the steps in understanding, developing and presenting a character. Many opportunities for in-class performance will be provided. Further, the course will provide the students a basis for the evaluation of the performance of others.

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### Acting I Sem. 2  
**505512**

This course will provide the student with a comprehensive study of acting techniques including the steps in understanding, developing and presenting a character. Many opportunities for in-class performance will be provided. Further, the course will provide the students a basis for the evaluation of the performance of others.

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### Acting II Sem. 1  
**505521**

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Designed for the serious acting student, Acting II offers further opportunity for character analysis and development. Scene study is combined with an exploration of theatre history, including political and cultural influences on the theatre of various periods (from Ancient Greece to the early 20th century).

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** 505511 - Acting I Sem. 1 or 505512 - Acting I Sem. 2

### Acting II Sem. 2  
505522

Designed for the serious acting student, Acting II offers further opportunity for character analysis and development. Scene study is combined with an exploration of theatre history, including political and cultural influences on the theatre of various periods (from Ancient Greece to the early 20th century).

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** 505511 - Acting I Sem. 1 or 505512 - Acting I Sem. 2

### Stagecraft I Sem. 1  
505611

Stagecraft is the course which allows students to explore the technical elements of theatre. Various units will focus on lights, sound, costumes, makeup, properties, publicity, and set design. In addition, students will aid in the construction of sets for school productions. Proper and safe use of tools and the maintenance and care of equipment are vital parts of the course. Students will also read and discuss play scripts, with an emphasis on design. Ten hours of actual physical crew work outside of the class is required. This course may be repeated for credit.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**COREQUSITES:** If you take this course, you must also take 505612 - Stagecraft I Sem. 2

### Stagecraft I Sem. 2  
505612

Stagecraft is the course which allows students to explore the technical elements of theatre. Various units will focus on lights, sound, costumes, makeup, properties, publicity, and set design. In addition, students will aid in the construction of sets for school productions. Proper and safe use of tools and the maintenance and care of equipment are vital parts of the course. Students will also read and discuss play scripts, with an emphasis on design. Ten hours of actual physical crew work outside of the class is required. This course may be repeated for credit.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**COREQUSITES:** If you take this course, you must also take 505611 - Stagecraft I Sem. 1

### Stagecraft II Sem. 1  
505621

Stagecraft is the course which allows students to explore the technical elements of theatre. Various units will focus on lights, sound, costumes, makeup, properties, publicity, and set design. In addition, students will aid in the construction of sets for school productions. Proper and safe use of tools and the maintenance and care of equipment are vital parts of the course. Students will also read and discuss play scripts, with an emphasis on design. Ten hours of actual physical crew work outside of the class is required. This course may be repeated for credit.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

### Stagecraft II Sem. 2  
505622

Stagecraft is the course which allows students to explore the technical elements of theatre. Various units will focus on lights, sound, costumes, makeup, properties, publicity, and set design. In addition, students will aid in the construction of sets for school productions. Proper and safe use of tools and the maintenance and care of equipment are vital parts of the course. Students will also read and discuss play scripts, with an emphasis on design. Ten hours of actual physical crew work outside of the class is required. This course may be repeated for credit.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

### Symphonic Band Sem. 1  
510311

The Symphonic Band curriculum includes marching band for approximately the first nine weeks. The remainder of the year will focus on preparation and performance of medium to advanced wind band literature. Dates and times of the summer band session, which all band students should plan to attend, will be mailed to students enrolled in band. This session will begin approximately three weeks prior to the beginning of the school year. Only currently enrolled members
of Concert Band, Symphonic Band or Wind Ensemble may participate in KSHSAA music events and all KMEA music events.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges" chart at end of this guide.

Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment. All others not provided at secondary level.

CREDIT: 0.5          TYPE: Regular          GRADE: 10-12
PREREQUISITE: 510212 - Concert Band Sem. 2
COREQUISITES: If you take this course, you must also take 510312 - Symphonic Band Sem. 2

Symphonic Band Sem. 2 510312

The Symphonic Band curriculum includes marching band for approximately the first nine weeks. The remainder of the year will focus on preparation and performance of medium to advanced wind band literature. Dates and times of the summer band session, which all band students should plan to attend, will be mailed to students enrolled in band. This session will begin approximately three weeks prior to the beginning of the school year. Only currently enrolled members of Concert Band, Symphonic Band or Wind Ensemble may participate in KSHSAA music events and all KMEA music events.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges" chart at end of this guide.

Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment. All others not provided at secondary level.

CREDIT: 0.5          TYPE: Regular          GRADE: 10-12
COREQUISITES: If you take this course, you must also take 510311 - Symphonic Band Sem. 1

Concert Orchestra Sem. 1 510421

Concert Orchestra allows experienced string players the opportunity to perform literature composed for chamber ensemble and string orchestra. Daily rehearsals allow students to increase their technical proficiency and develop a greater appreciation for orchestral literature. Students are required to attend all rehearsals and performances. Playing examinations are a part of the student's evaluation.

Grading is based on musical development, appropriate class participation and concert attendance.

Only currently enrolled members of Freshman, Concert or Symphonic Orchestra may participate in KSHSAA music events and all KMEA music events. Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges" chart at end of this guide.

Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments. School-owned instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment. Flute, clarinet, alto saxophone, trumpet, trombone, violin and viola are not provided by the district at the secondary level.

CREDIT: 0.5          TYPE: Regular          GRADE: 10-12
PREREQUISITE: 510412 - Freshman Orchestra Sem. 2
COREQUISITES: If you take this course, you must also take 510422 - Concert Orchestra Sem. 2

Concert Orchestra Sem. 2 510422

Concert Orchestra allows experienced string players the opportunity to perform literature composed for chamber ensemble and string orchestra. Daily rehearsals allow students to increase their technical proficiency and develop a greater appreciation for orchestral literature. Students are required to attend all rehearsals and performances. Playing examinations are a part of the student's evaluation.

Grading is based on musical development, appropriate class participation and concert attendance.

Only currently enrolled members of Freshman, Concert or Symphonic Orchestra may participate in KSHSAA music events and all KMEA music events. Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may
apply (up to $90). See “Course Fees and Additional Charges” chart at end of this guide.
Students are expected to provide their own instrument. To use a school-owned instrument, a student must be currently
enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments. School-owned
instruments: oboe, bassoon, tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass
and percussion equipment. Flute, clarinet, alto saxophone, trumpet, trombone, violin and viola are not provided by the
district at the secondary level.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 510421 - Concert Orchestra Sem. 1

**Symphonic Orchestra Sem. 1**  
510431

The Symphonic Orchestra is an ensemble made up of string players, complemented by wind, brass and percussion
players from the Wind Ensemble. This ensemble will focus on preparation and performance of advanced string and full
orchestra literature. Opportunities to rehearse and perform in small chamber ensembles will also be available to the
string students in this ensemble. Students are required to attend all rehearsals and performances. Students will be
required to pay fees for basic uniform, supplies, equipment, and uniform cleaning. Detailed information regarding these
costs can be obtained by contacting the school orchestra director.
Only currently enrolled members of the Freshman, Concert, Philharmonic or Symphonic Orchestra may participate in
KSHSAA music events and all KMEA music events.
Students are expected to provide their own instruments. To use a school-owned instrument, a student must be currently
enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon,
tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment.
All others not provided at secondary level.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** Audition Required

**COREQUISITES:** If you take this course, you must also take 510432 - Symphonic Orchestra Sem. 2

**Symphonic Orchestra Sem. 2**  
510432

The Symphonic Orchestra is an ensemble made up of string players, complemented by wind, brass and percussion
players from the Wind Ensemble. This ensemble will focus on preparation and performance of advanced string and full
orchestra literature. Opportunities to rehearse and perform in small chamber ensembles will also be available to the
string students in this ensemble. Students are required to attend all rehearsals and performances. Students will be
required to pay fees for basic uniform, supplies, equipment, and uniform cleaning. Detailed information regarding these
costs can be obtained by contacting the school orchestra director.
Only currently enrolled members of the Freshman, Concert, Philharmonic or Symphonic Orchestra may participate in
KSHSAA music events and all KMEA music events.
Students are expected to provide their own instruments. To use a school-owned instrument, a student must be currently
enrolled in the instrumental program. There is a $50 maintenance fee for school-owned instruments: oboe, bassoon,
tenor saxophone, baritone saxophone, French horn, baritone/euphonium, tuba, cello, bass and percussion equipment.
All others not provided at secondary level.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 510431 - Symphonic Orchestra Sem. 1

**Wind Ensemble Sem. 1**  
510611

The Wind Ensemble curriculum includes marching band for approximately the first nine weeks. The remainder of the
year will focus on preparation and performance of advanced wind band literature. Dates and times of the summer band
session, which all band students should plan to attend, will be mailed to students enrolled in band. This session will
begin approximately three weeks prior to the beginning of the school year.
Only currently enrolled members of Concert Band, Symphonic Band or Wind Ensemble may participate in all KSHSAA
music events and all KMEA music events.
Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See “Course
Fees and Additional Charges” chart at end of this guide.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** Audition Required
COREQUISITES: If you take this course, you must also take 510612 - Wind Ensemble Sem. 2

Wind Ensemble Sem. 2  
510612

The Wind Ensemble curriculum includes marching band for approximately the first nine weeks. The remainder of the year will focus on preparation and performance of advanced wind band literature. Dates and times of the summer band session, which all band students should plan to attend, will be mailed to students enrolled in band. This session will begin approximately three weeks prior to the beginning of the school year. Only currently enrolled members of Concert Band, Symphonic Band or Wind Ensemble may participate in all KSHSAA music events and all KMEA music events.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See “Course Fees and Additional Charges” chart at end of this guide.

CREDIT: 0.5     TYPE: Regular     GRADE: 10-12

COREQUISITES: If you take this course, you must also take 510611 - Wind Ensemble Sem. 1

Concert Choir Sem. 1  
511011

LHS (10-12) & FSHS (11-12)

Enrollment in this class is by audition, as it is designed for the advanced choral music student. Concert choir strives for excellence in choral ensemble singing and performance. Academic eligibility is required for participation at KSHSAA Regional and State festivals. Students are required to attend all rehearsals and performances. This comprehensive choral class will provide the following opportunities:

* healthy development of the singing voice
* advancement of music reading skills
* study and performance of choral literature, including music of various historical periods, multi-cultural music, traditional and contemporary styles
* development of an appreciation for community music-making, and preparation for continued enjoyment of music in later life.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

CREDIT: 0.5     TYPE: Regular     GRADE: 10-12

PREREQUISITE: Audition Required

COREQUISITES: If you take this course, you must also take 511012 - Concert Choir Sem. 2

Concert Choir Sem. 2  
511012

LHS (10-12) & FSHS (11-12)

Enrollment in this class is by audition, as it is designed for the advanced choral music student. Concert choir strives for excellence in choral ensemble singing and performance. Academic eligibility is required for participation at KSHSAA Regional and State festivals. Students are required to attend all rehearsals and performances. This comprehensive choral class will provide the following opportunities:

* healthy development of the singing voice
* advancement of music reading skills
* study and performance of choral literature, including music of various historical periods, multi-cultural music, traditional and contemporary styles
* development of an appreciation for community music-making, and preparation for continued enjoyment of music in later life.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

CREDIT: 0.5     TYPE: Regular     GRADE: 10-12

COREQUISITES: If you take this course, you must also take 511011 - Concert Choir Sem. 1

Advanced Women’s Choir Sem. 1  
511021

LHS (10-12) & FSHS (11-12)

Enrollment in this class is by audition, as it is designed for the advanced choral music student. Advanced Women’s Choir strives for excellence in choral ensemble singing and performance. Academic eligibility is required for participation at KSHSAA Regional and State festivals. Students are required to attend all rehearsals and performances.
NOTE: Advanced Women’s Choir will be available only when enrollment necessitates. This comprehensive choral class will provide the following opportunities:
* healthy development of the singing voice
* advancement of music reading skills
* study and performance of choral literature, including music of various historical periods, multi-cultural music, traditional and contemporary styles
* development of an appreciation for community music-making, and preparation for continued enjoyment of music in later life.
Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

CREDIT: 0.5 TYPE: Advanced GRADE: 10-12
PREREQUISITE: Audition Required
COREQUISITES: If you take this course, you must also take 511022 - Advanced Women’s Choir Sem. 2

Advanced Women’s Choir Sem. 2 511022
LHS (10-12) & FSHS (11-12)
Enrollment in this class is by audition, as it is designed for the advanced choral music student. Advanced Women’s Choir strives for excellence in choral ensemble singing and performance. Academic eligibility is required for participation at KSHSAA Regional and State festivals. Students are required to attend all rehearsals and performances.
NOTE: Advanced Women’s Choir will be available only when enrollment necessitates. This comprehensive choral class will provide the following opportunities:
* healthy development of the singing voice
* advancement of music reading skills
* study and performance of choral literature, including music of various historical periods, multi-cultural music, traditional and contemporary styles
* development of an appreciation for community music-making, and preparation for continued enjoyment of music in later life.
Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12
COREQUISITES: If you take this course, you must also take 511021 - Advanced Women’s Choir Sem. 1

Debate II Fall Sem. 515321
first semester only
Debate is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Students will learn techniques of research, organization of ideas, fluency in speaking, note-taking skills and the ability to look at all sides of an issue. Participation in some debate tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only.
A $25.00 Co-Curricular fee is required for all Debate and Forensic students. In addition, a $25.00 Activity Ticket fee is required for all Debate and Forensics students.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12
PREREQUISITE: 515311 - Debate I Fall Sem.

Debate III Fall Sem. 515331
Debate III & IV are a continuation of the lower level Debate classes. Students must be eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Debate III & IV offer students the opportunity to work on increasingly complex methods of research, argumentation and presentation of ideas. Participation in some tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it
may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, to earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only.

A $25.00 Co-Curricular fee is required for all Debate and Forensic students. In addition, a $25.00 Activity Ticket fee is required for all Debate and Forensic students.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 515321 - Debate II Fall Sem.

Debate IV Fall Sem.  515341

Debate III & IV are a continuation of the lower level Debate classes. Students must be eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Debate III & IV offer students the opportunity to work on increasingly complex methods of research, argumentation and presentation of ideas. Participation in some tournaments is required. Students will assist in the administration of at least one debate tournament on a Friday and Saturday during the semester. Debate is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing persuasive speaking skills and exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, to earn a letter, and/or compete at the State Championship and National Championship tournaments in debate. Debate is offered first semester only.

A $25.00 Co-Curricular fee is required for all Debate and Forensic students. In addition, a $25.00 Activity Ticket fee is required for all Debate and Forensic students.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 515331 - Debate III Fall Sem.

Forensics II Spring Sem.  515472

second semester only

Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one Forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in Forensics. Forensics is offered second semester only.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 515462 - Forensics I Spring Sem.

Philharmonic Orchestra Sem. 1  PHIL1

The Philharmonic Orchestra is an ensemble made up of string players. This ensemble will focus on preparation and performance of advanced string orchestra literature. Opportunities to rehearse and perform in small chamber ensembles will also be available to the string students in this ensemble. Students are required to attend all rehearsals and performances.

Students will be required to pay fees for basic uniform, supplies, equipment, and uniform cleaning. Detailed information regarding these costs can be obtained by contacting the school orchestra director.

Only currently enrolled members of the Freshman, Concert, Philharmonic or Symphonic Orchestra may participate in KSHSAA music events and all KMEA music events.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges" chart at end of this guide.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Audition Required

COREQUISITES: If you take this course, you must also take PHIL2 - Philharmonic Orchestra Sem. 2

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The Philharmonic Orchestra is an ensemble made up of string players. This ensemble will focus on preparation and performance of advanced string orchestra literature. Opportunities to rehearse and perform in small chamber ensembles will also be available to the string students in this ensemble. Students are required to attend all rehearsals and performances. Students will be required to pay fees for basic uniform, supplies, equipment, and uniform cleaning. Detailed information regarding these costs can be obtained by contacting the school orchestra director.

Only currently enrolled members of the Freshman, Concert, Philharmonic or Symphonic Orchestra may participate in KSHSAA music events and all KMEA music events. Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply (up to $90). See "Course Fees and Additional Charges” chart at end of this guide.

**Philharmonic Orchestra Sem. 2**

**PHIL2**

**Acting III/Directing Sem. 1**

This advanced course concentrates on specialized acting skills and gives those students who want the opportunity to pursue the craft beyond acting and technical work. Areas of study for those focusing on acting include: physical and vocal exercises and techniques; reading, viewing, and analyzing plays; auditioning, investigation of acting theories, and actual performance situations. Students focusing on directing will study various techniques and theories of directing. Students will be required to spend some time outside of class so that they may practically experience techniques discussed in class. Productions may be presented to the class and/or the student body. Students in the class must be able to work independently when they are not under direct supervision.

**Acting III/Directing Sem. 2**

This advanced course concentrates on specialized acting skills and gives those students who want the opportunity to pursue the craft beyond acting and technical work. Areas of study for those focusing on acting include: physical and vocal exercises and techniques; reading, viewing, and analyzing plays; auditioning, investigation of acting theories, and actual performance situations. Students focusing on directing will study various techniques and theories of directing. Students will be required to spend some time outside of class so that they may practically experience techniques discussed in class. Productions may be presented to the class and/or the student body. Students in the class must be able to work independently when they are not under direct supervision.

**Issue Theater Sem. 1**

In this class, scenes will be developed through improvisation and shared with the student body in various formats. The purpose of the class is to use theatre as a springboard for discussion of issues such as diversity, substance abuse, male/female relationships, peer pressure, etc. In addition to preparing and performing scenes, this class will feature expert presentations on various issues, including alcohol and drug abuse, depression, crimes of violence, discrimination and more. Students who enroll in the class must be able to work independently.

**Issue Theater Sem. 2**

In this class, scenes will be developed through improvisation and shared with the student body in various formats. The purpose of the class is to use theatre as a springboard for discussion of issues such as diversity, substance abuse, male/female relationships, peer pressure, etc. In addition to preparing and performing scenes, this class will feature expert presentations on various issues, including alcohol and drug abuse, depression, crimes of violence, discrimination and more. Students who enroll in the class must be able to work independently.
**Advanced Mixed Choir LHS & FSHS Sem. 1**  511031

Enrollment in this class is by audition, as it is designed for the advanced choral music student. Advanced Mixed Choir strives for excellence in choral ensemble singing and performance. Academic eligibility is required for participation at KSHSAA Regional and State festivals. Students are required to attend all rehearsals and performances.

**NOTE:** Advanced Mixed Choir will be available only when enrollment necessitates.

This comprehensive choral class will provide the following opportunities:

* healthy development of the singing voice
* advancement of music reading skills
* study and performance of choral literature, including music of various historical periods, multi-cultural music, traditional and contemporary styles
* development of an appreciation for community music-making, and preparation for continued enjoyment of music in later life.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

**CREDIT:** 0.5  **TYPE:** Advanced  **GRADE:** 11-12

**PREREQUISITE:** Audition Required

**COREQUISITES:** If you take this course, you must also take 511032 - Advanced Mixed Choir LHS & FSHS Sem. 2

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**Advanced Mixed Choir LHS & FSHS Sem. 2**  511032

Enrollment in this class is by audition, as it is designed for the advanced choral music student. Advanced Mixed Choir strives for excellence in choral ensemble singing and performance. Academic eligibility is required for participation at KSHSAA Regional and State festivals. Students are required to attend all rehearsals and performances.

**NOTE:** Advanced Mixed Choir will be available only when enrollment necessitates.

This comprehensive choral class will provide the following opportunities:

* healthy development of the singing voice
* advancement of music reading skills
* study and performance of choral literature, including music of various historical periods, multi-cultural music, traditional and contemporary styles
* development of an appreciation for community music-making, and preparation for continued enjoyment of music in later life.

Required fees: $25 Co-curricular fee AND $25 Activity ticket fee. Additional charges may apply ($5). See “Course Fees and Additional Charges” chart at end of this guide.

**CREDIT:** 0.5  **TYPE:** Advanced  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 511031 - Advanced Mixed Choir LHS & FSHS Sem. 1

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**AP Music Theory Sem. 1**  511411

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. Students will study melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing and keyboard harmony are also taught.

Students may participate in the College Board's Advanced Placement Program in May for college credit. Students should have the ability to read printed music. It is also strongly recommended that the student have acquired at least a basic performance skill in voice or on an instrument.

Students are encouraged to take the Advanced Placement Music Theory Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 511412 - AP Music Theory Sem. 2

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**AP Music Theory Sem. 2**  511412
This course is designed to provide college-bound students with the knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. Students will study melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing and keyboard harmony are also taught.

Students may participate in the College Board's Advanced Placement Program in May for college credit. Students should have the ability to read printed music. It is also strongly recommended that the student have acquired at least a basic performance skill in voice or on an instrument.

Students are encouraged to take the Advanced Placement Music Theory Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11-12  **COREQUISITES:** If you take this course, you must also take 511411 - AP Music Theory Sem. 1

**Forensics III Spring Sem.**  
515482

second semester only

Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one Forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in Forensics. Forensics is offered second semester only.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12  **PREREQUISITE:** 515472 - Forensics II Spring Sem.

**Forensics IV Spring Sem.**  
515492

second semester only

Forensics is a course open to all high school students eligible to compete under guidelines set forth by the Kansas State High School Activities Association. Forensics offers opportunities for individual participation in competitive speaking. The events covered are as follows: extemporaneous speaking, oratory, informative speaking, humorous and dramatic interpretation, duet acting, duo interpretation, oral interpretation of prose and/or poetry, Lincoln-Douglas debate, public forum debate, and student congress. Participants are given the opportunity of participating in up to eight speech tournaments held throughout the state, and participation in some forensics tournaments is required. Students will assist in the administration of at least one Forensics tournament on a Friday and Saturday during the semester. Forensics is recommended for college-bound students, but it may be an enjoyable and rewarding learning experience for anyone with an interest in developing speaking skills, acting skills, and/or exploring contemporary social, political, and economic questions. Students may earn the opportunity to fulfill leadership roles on the squad, earn a letter, and/or compete at the State Championship and National Championship tournaments in Forensics. Forensics is offered second semester only.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12  **PREREQUISITE:** 515482 - Forensics III Spring Sem.

**Humanities Sem. 1**  
520111

This multi-disciplinary course involves the study of culture through the examination of its belief and value systems, rules, customs and artifacts, particularly as reflected in the fine arts—language, literature, art, music, dance, drama, and cinema. Students will study selected past cultures of Western civilization. Research and/or creative projects are required. In addition, students will write reaction papers and take tests over material examining various art forms as well as the works of specific artists. The course may be taken for English or Fine Arts credit.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**Humanities Sem. 2**  
520112

121
This multi-disciplinary course involves the study of culture through the examination of its belief and value systems, rules, customs and artifacts, particularly as reflected in the fine arts--language, literature, art, music, dance, drama, and cinema. Students will study selected past cultures of Western civilization. Research and/or creative projects are required. In addition, students will write reaction papers and take tests over material examining various art forms as well as the works of specific artists. The course may be taken for English or Fine Arts credit.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12
**Science**

**Advanced Biology Sem. 1**

In Advanced Biology, students will engage in a rigorous study of the topics studied in Biology. This course involves more theory and less guided practice with additional topics and a more in-depth treatment of the subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. The students and parents sign a contract indicating that they understand and agree to the class requirements. A notebook is required.

- **CREDIT:** 0.5
- **TYPE:** Advanced
- **GRADE:** 9
- **COREQUISITES:** If you take this course, you must also take 3051A2 - Advanced Biology Sem. 2

**Advanced Biology Sem. 2**

In Advanced Biology, students will engage in a rigorous study of the topics studied in Biology. This course involves more theory and less guided practice with additional topics and a more in-depth treatment of the subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. The students and parents sign a contract indicating that they understand and agree to the class requirements. A notebook is required.

- **CREDIT:** 0.5
- **TYPE:** Advanced
- **GRADE:** 9
- **COREQUISITES:** If you take this course, you must also take 3051A1 - Advanced Biology Sem. 1

**General Science 9 Sem. 1**

General Science 9 will emphasize the development and reinforcement of basic scientific skills and concepts to prepare students for future enrollment in biology, chemistry, and physics. In addition, scientific vocabulary and reading comprehension will be addressed to assist students in furthering their science education.

- **CREDIT:** 0.5
- **TYPE:** Regular
- **GRADE:** 9
- **OTHER REQUIREMENTS:** Recommendation Required
- **COREQUISITES:** If you take this course, you must also take 320112 - General Science 9 Sem. 2

**General Science 9 Sem. 2**

General Science 9 will emphasize the development and reinforcement of basic scientific skills and concepts to prepare students for future enrollment in biology, chemistry, and physics. In addition, scientific vocabulary and reading comprehension will be addressed to assist students in furthering their science education.

- **CREDIT:** 0.5
- **TYPE:** Regular
- **GRADE:** 9
- **COREQUISITES:** If you take this course, you must also take 320111 - General Science 9 Sem. 1

**Biology Sem. 1**

In Biology, students will develop a fundamental understanding of the cell, the molecular basis of heredity, biological evolution, interdependence and behavior of organisms, matter, energy and organization in living systems. Topics will be developed through laboratory activities employing scientific method and inquiry. A notebook is required.

- **CREDIT:** 0.5
- **TYPE:** Regular
- **GRADE:** 9-10
- **COREQUISITES:** If you take this course, you must also take 305192 - Biology Sem. 2

**Biology Sem. 2**

In Biology, students will develop a fundamental understanding of the cell, the molecular basis of heredity, biological evolution, interdependence and behavior of organisms, matter, energy and organization in living systems. Topics will be developed through laboratory activities employing scientific method and inquiry. A notebook is required.

- **CREDIT:** 0.5
- **TYPE:** Regular
- **GRADE:** 9-10
- **COREQUISITES:** If you take this course, you must also take 305191 - Biology Sem. 1

**Science—Individual Goals Sem. 1**

- **CREDIT:**
- **TYPE:**
- **GRADE:**
The student’s IEP will require enrolling in this course to meet Kansas Extended Standards and graduation requirements. The purpose of this course is to provide science instruction tailored to students' individual needs. Instruction will be designed in accordance with each student's learning method, rate, level and style. Through an independent study format, students will learn to relate science concepts to daily living.

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**OTHER REQUIREMENTS:** Recommendation Required

### Science—Individual Goals Sem. 2

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**OTHER REQUIREMENTS:** Recommendation Required

### Human Biology Sem. 1

This course is designed for general biology students who are interested in obtaining specific knowledge about the human body. An understanding of the major organ systems, diseases, and current topics concerning health-related issues will be accomplished through lecture, discussion, labs, and various community resources. A student completing this course will have a better understanding of the human body and how it relates to nutrition, exercise, sexuality, substance abuse, and disease.

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**PREREQUISITE:** Biology or Adv Biology

**COREQUISITES:** If you take this course, you must also take 305212 - Human Biology Sem. 2

### Human Biology Sem. 2

This course is designed for general biology students who are interested in obtaining specific knowledge about the human body. An understanding of the major organ systems, diseases, and current topics concerning health-related issues will be accomplished through lecture, discussion, labs, and various community resources. A student completing this course will have a better understanding of the human body and how it relates to nutrition, exercise, sexuality, substance abuse, and disease.

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**COREQUISITES:** If you take this course, you must also take 305211 - Human Biology Sem. 1

### Chemistry Sem. 1

This course covers the fundamental concepts of chemistry. Chemistry is the study of the composition, structure and properties of substances and the changes they undergo. The course includes the development of basic lab skills as well as the theory and application of the scientific method. A scientific calculator is required ($10-15).

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**COREQUISITES:** If you take this course, you must also take 310192 - Chemistry Sem. 2

### Chemistry Sem. 2

This course covers the fundamental concepts of chemistry. Chemistry is the study of the composition, structure and properties of substances and the changes they undergo. The course includes the development of basic lab skills as well as the theory and application of the scientific method. A scientific calculator is required ($10-15).

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**COREQUISITES:** If you take this course, you must also take 310191 - Chemistry Sem. 1

### Advanced Chemistry Sem. 1

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**COREQUISITES:** If you take this course, you must also take 310191 - Chemistry Sem. 1
This course is designed for students who have a strong interest in science and desire more in-depth coverage in a first year chemistry course. This course is recommended for students planning on pursuing Advanced Placement Biology or Advanced Placement Chemistry. Advanced Chemistry involves more theory and less guided practice, with additional topics and a more in-depth treatment of subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. Completion of or concurrent enrollment in Algebra II is required. A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12
PREREQUISITE: Geometry and Biology
COREQUISITES: If you take this course, you must also take 3101A2 - Advanced Chemistry Sem. 2

Advanced Chemistry Sem. 2  3101A2
This course is designed for students who have a strong interest in science and desire more in-depth coverage in a first year chemistry course. This course is recommended for students planning on pursuing Advanced Placement Biology or Advanced Placement Chemistry. Advanced Chemistry involves more theory and less guided practice, with additional topics and a more in-depth treatment of subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. Completion of or concurrent enrollment in Algebra II is required. A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12
COREQUISITES: If you take this course, you must also take 3101A1 - Advanced Chemistry Sem. 1

Physics Sem. 1  315191
This physics course is tailored to the student who wishes to learn more about motion, mechanics, sound, light, heat, electricity and other topics in physics. Mathematics will be used; however, a greater emphasis will be placed on a conceptual understanding of the topics and phenomena studies. The student's introduction to physics will involve a mixture of readings, lectures, demonstrations and hands-on experience in the form of lab work and projects. A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: Algebra I and Biology
COREQUISITES: If you take this course, you must also take 315192 - Physics Sem. 2

Physics Sem. 2  315192
This physics course is tailored to the student who wishes to learn more about motion, mechanics, sound, light, heat, electricity and other topics in physics. Mathematics will be used; however, a greater emphasis will be placed on a conceptual understanding of the topics and phenomena studies. The student's introduction to physics will involve a mixture of readings, lectures, demonstrations and hands-on experience in the form of lab work and projects. A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
COREQUISITES: If you take this course, you must also take 315191 - Physics Sem. 1

AP Physics 1 (Alg. Based) Sem. 1  3151A1
This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. The course has a focus on Physics reasoning. Advanced Placement Physics 1: Algebra-Based is a two-semester college-level course that covers all of Mechanics, Waves, and Electric Circuits. There is a cost associated with the AP Exam; however, the AP Exam is not required. A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 10-12
PREREQUISITE: Geometry and Biology
COREQUISITES: If you take this course, you must also take 3151A2 - AP Physics 1 (Alg. Based) Sem. 2

AP Physics 1 (Alg. Based) Sem. 2  3151A2
This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. The course has a focus on Physics reasoning. Advanced Placement Physics 1: Algebra-Based is a two-semester college-level course that covers all of Mechanics, Waves, and Electric Circuits. There is a cost associated with the AP Exam; however, the AP Exam is not required. A scientific calculator is required ($10-15).

| CREDIT: 0.5 | TYPE: Advanced Placement | GRADE: 10-12 |
| COREQUISITES: If you take this course, you must also take 3151A1 - AP Physics 1 (Alg. Based) Sem. 1 |

### AP Physics C (Mechanics) Sem. 1 315611

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. The course has a focus on Physics reasoning. Advanced Placement Physics C: Mechanics is a two-semester college-level course that presents a Calculus based coverage of Mechanics. The course is recommended for students who plan to major in science or science-related fields such as engineering, physics, chemistry, and astronomy. There is a cost associated with the AP Exam; however, the AP Exam is not required. A scientific calculator is required ($10-15).

| CREDIT: 0.5 | TYPE: Advanced Placement | GRADE: 10-12 |
| PREREQUISITE: Algebra 2 and Biology |
| COREQUISITES: If you take this course, you must also take 315612 - AP Physics C (Mechanics) Sem. 2 |

### AP Physics C (Mechanics) Sem. 2 315612

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. The course has a focus on Physics reasoning. Advanced Placement Physics C: Mechanics is a two-semester college-level course that presents a Calculus based coverage of Mechanics. The course is recommended for students who plan to major in science or science-related fields such as engineering, physics, chemistry, and astronomy. There is a cost associated with the AP Exam; however, the AP Exam is not required. A scientific calculator is required ($10-15).

| CREDIT: 0.5 | TYPE: Advanced Placement | GRADE: 10-12 |
| COREQUISITES: If you take this course, you must also take 315611 - AP Physics C (Mechanics) Sem. 1 |

### Chemistry Fundamentals Sem. 1 399411

.5 credit/1sem or 1 credit/2 sem. This course is for students who need additional support with the mathematical concepts taught in Chemistry. Content may include but not be limited to: solving equations with an unknown variable, calculations with significant figures, scientific notation, exponents, and unit conversions. Concurrent enrollment in Chemistry is required.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |
| OTHER REQUIREMENTS: Teacher Recommendation |

### Chemistry Fundamentals Sem. 2 399412

.5 credit/1sem or 1 credit/2 sem. This course is for students who need additional support with the mathematical concepts taught in Chemistry. Content may include but not be limited to: solving equations with an unknown variable, calculations with significant figures, scientific notation, exponents, and unit conversions. Concurrent enrollment in Chemistry is required.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |
| OTHER REQUIREMENTS: Teacher Recommendation |

### Plant Science I Sem. 1 AG2111

Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.

<p>| CREDIT: 0.5 | TYPE: Regular | GRADE: 10-12 |</p>
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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<tbody>
<tr>
<td>Plant Science I Sem. 2</td>
<td>AG2112</td>
</tr>
<tr>
<td>Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.</td>
<td>CREDIT: 0.5 TYPE: Regular GRADE: 10-12</td>
</tr>
<tr>
<td>Plant Science II Sem. 1</td>
<td>AG2121</td>
</tr>
<tr>
<td>Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.</td>
<td>CREDIT: 0.5 TYPE: Regular GRADE: 10-12 PREREQUISITE: AG2111 - Plant Science I Sem. 1 or AG2112 - Plant Science I Sem. 2</td>
</tr>
<tr>
<td>Plant Science II Sem. 2</td>
<td>AG2122</td>
</tr>
<tr>
<td>Plant Science exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. In doing so, the course covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. Membership in the FFA ($12) is strongly encouraged but not required.</td>
<td>CREDIT: 0.5 TYPE: Regular GRADE: 10-12 PREREQUISITE: AG2111 - Plant Science I Sem. 1 or AG2112 - Plant Science I Sem. 2</td>
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<tr>
<td>Animal Science I Sem. 1</td>
<td>AG2211</td>
</tr>
<tr>
<td>Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.</td>
<td>CREDIT: 0.5 TYPE: Regular GRADE: 10-12</td>
</tr>
<tr>
<td>Animal Science I Sem. 2</td>
<td>AG2212</td>
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<tr>
<td>Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.</td>
<td>CREDIT: 0.5 TYPE: Regular GRADE: 10-12</td>
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<tr>
<td>Animal Science II Sem. 1</td>
<td>AG2221</td>
</tr>
<tr>
<td>Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.</td>
<td>CREDIT: 0.5 TYPE: Regular GRADE: 10-12 PREREQUISITE: AG2211 - Animal Science I Sem. 1 or AG2212 - Animal Science I Sem. 2</td>
</tr>
<tr>
<td>Animal Science II Sem. 2</td>
<td>AG2222</td>
</tr>
</tbody>
</table>
Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. Membership in the FFA ($12) is strongly encouraged but not required.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**PREREQUISITE:** AG2211 - Animal Science I Sem. 1 or AG2212 - Animal Science I Sem. 2

### Ecology and Environmental Science Sem. 1 300311

This course focuses on current ecological and environmental science issues with laboratory and field experiences. Some of the issues include population studies, air and water pollution, energy use, alternative energy sources, conservation of natural resources, and human impact on ecosystems. Ecology includes the study of the characteristics of the major physical and biological ecosystems of the world. Emphasis will be placed on the natural influence and the management of the physical and biological environments. Environmental science includes people’s effect on the world’s ecosystems and environmental concerns. The course will provide students with the scientific methods required to understand problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine solutions taking in all sides of an issue for resolving them. This interdisciplinary course embraces social, physical and biological sciences.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** Biology or Adv Biology  
**COREQUISITES:** If you take this course, you must also take 300312 - Ecology and Environmental Science Sem. 2

### Ecology and Environmental Science Sem. 2 300312

This course focuses on current ecological and environmental science issues with laboratory and field experiences. Some of the issues include population studies, air and water pollution, energy use, alternative energy sources, conservation of natural resources, and human impact on ecosystems. Ecology includes the study of the characteristics of the major physical and biological ecosystems of the world. Emphasis will be placed on the natural influence and the management of the physical and biological environments. Environmental science includes people’s effect on the world’s ecosystems and environmental concerns. The course will provide students with the scientific methods required to understand problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine solutions taking in all sides of an issue for resolving them. This interdisciplinary course embraces social, physical and biological sciences.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take 300311 - Ecology and Environmental Science Sem. 1

### Astronomy & Geology Sem. 1 300811

This course is for students who want to learn about the formation of the planets and stars, the changes they undergo over time, and who want to learn about the chemistry and physics of both astronomy and geology with an emphasis on conceptual based understanding. This course involves a mixture of reading, reports, and integration of internet research into class discussions through small group activities. Both individual and group observations of the night sky are recommended and several opportunities to do so as a class will be provided.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**PREREQUISITE:** 205212 - Algebra I Sem. 2  
**COREQUISITES:** If you take this course, you must also take 300812 - Astronomy & Geology Sem. 1

### Astronomy & Geology Sem. 1 300812

This course is for students who want to learn about the formation of the planets and stars, the changes they undergo over time, and who want to learn about the chemistry and physics of both astronomy and geology with an emphasis on conceptual based understanding. This course involves a mixture of reading, reports, and integration of internet research into class discussions through small group activities. Both individual and group observations of the night sky are recommended and several opportunities to do so as a class will be provided.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12
Plant and Animal Biology Sem. 1  

This year long course combines botany (the study of plants) and zoology (the study of animals). The course includes lecture/discussion, labs, greenhouse studies, dissection and individual research to address the origin, evolution and diversity of the plant and animal kingdoms. The botany portion will emphasize anatomy and physiology, growth and development, life cycles and classification of plants. The zoology portion will emphasize comparative anatomy and how different lineages of animals carry out essential life functions. Dissection is required.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

PREREQUISITE: Biology or Adv Biology

COREQUISITES: If you take this course, you must also take 305111 - Plant and Animal Biology Sem. 1

Plant and Animal Biology Sem. 2  

This year long course combines botany (the study of plants) and zoology (the study of animals). The course includes lecture/discussion, labs, greenhouse studies, dissection and individual research to address the origin, evolution and diversity of the plant and animal kingdoms. The botany portion will emphasize anatomy and physiology, growth and development, life cycles and classification of plants. The zoology portion will emphasize comparative anatomy and how different lineages of animals carry out essential life functions. Dissection is required.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take 305112 - Plant and Animal Biology Sem. 2

Human Anatomy and Physiology Sem. 1  

Study of structures and functions within the human body systems will be emphasized in this course. The major systems will be surveyed by means of lecture, discussions, and laboratory sessions. This course is a college preparatory class. Team dissection of a cat and other mammalian organs is required.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

PREREQUISITE: Biology or Adv Biology Chemistry or Adv Chemistry

COREQUISITES: If you take this course, you must also take 305111 - Plant and Animal Biology Sem. 1

Human Anatomy and Physiology Sem. 2  

Study of structures and functions within the human body systems will be emphasized in this course. The major systems will be surveyed by means of lecture, discussions, and laboratory sessions. This course is a college preparatory class. Team dissection of a cat and other mammalian organs is required.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

COREQUISITES: If you take this course, you must also take 305312 - Human Anatomy and Physiology Sem. 2

AP Biology Sem. 1  

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. Major themes for this course will include: science as a process, evolution, energy transfer, continuity and change, relationship between structure and function, interdependence in nature and science technology. Higher levels of reading, writing, analytical techniques, computer technology and laboratory skills will be required beyond those of the college preparatory and general biology classes. Lectures, discussions and laboratories are used to provide information regarding biological concepts. Outside projects, individual research, field trips and seminars are an expected part of this course. There is a cost associated with the AP Exam; however, the AP Exam is not required. A $38 lab manual is highly recommended.

CREDIT: 0.5  
TYPE: Advanced Placement  
GRADE: 11-12

PREREQUISITE: Biology or Adv Biology, Chemistry or Adv Chemistry

COREQUISITES: If you take this course, you must also take 305612 - AP Biology Sem. 2

AP Biology Sem. 2  

305612

129
This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. Major themes for this course will include: science as a process, evolution, energy transfer, continuity and change, relationship between structure and function, interdependence in nature and science technology. Higher levels of reading, writing, analytical techniques, computer technology and laboratory skills will be required beyond those of the college preparatory and general biology classes. Lectures, discussions and laboratories are used to provide information regarding biological concepts. Outside projects, individual research, field trips and seminars are an expected part of this course. There is a cost associated with the AP Exam; however, the AP Exam is not required. A $38 lab manual is highly recommended.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 305611 - AP Biology Sem. 1

### AP Chemistry Sem. 1  
310611

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. This course offers the opportunity to attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will also contribute to the development of the students' abilities to think critically and express their ideas orally and in writing with clarity and logic. Each student is encouraged to plan and carry out a research project in chemistry using the scientific approach. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12

**PREREQUISITE:** Chemistry or Adv. Chemistry And Algebra II

**COREQUISITES:** If you take this course, you must also take 310612 - AP Chemistry Sem. 2

### AP Chemistry Sem. 2  
310612

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. This course offers the opportunity to attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will also contribute to the development of the students' abilities to think critically and express their ideas orally and in writing with clarity and logic. Each student is encouraged to plan and carry out a research project in chemistry using the scientific approach. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 310611 - AP Chemistry Sem. 1

### AP Environmental Science Sem. 1  
320711

AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 11-12

**PREREQUISITE:** Biology or Adv Biology, Chemistry or Adv Chemistry

**COREQUISITES:** If you take this course, you must also take 320712 - AP Environmental Science Sem. 2

### AP Environmental Science Sem. 2  
320712

AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process,
ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems.

There is a cost associated with the AP Exam; however, the AP Exam is not required.

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<tbody>
<tr>
<td>COREQUISITES: If you take this course, you must also take 320711 - AP Environmental Science Sem. 1</td>
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</tbody>
</table>

Forensic Science I Sem. 1

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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<tbody>
<tr>
<td>COREQUISITES: If you take this course, you must also take HC3321 - Forensic Science II Sem. 1</td>
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<tr>
<td>If you take this course, you must also take W99CC1 - College &amp; Career Center/Post Secondary Sem. 1</td>
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</table>

Forensic Science I Sem. 2

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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<tbody>
<tr>
<td>COREQUISITES: If you take this course, you must also take HC3322 - Forensic Science II Sem. 2</td>
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<tr>
<td>If you take this course, you must also take W99CC2 - College &amp; Career Center/Post-Secondary Sem. 2</td>
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</table>

Forensic Science II Sem. 1

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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</thead>
<tbody>
<tr>
<td>COREQUISITES: If you take this course, you must also take HC3311 - Forensic Science I Sem. 1</td>
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</tr>
</tbody>
</table>

Forensic Science II Sem. 2

Forensic Science focuses on the skills and concepts behind crime scene investigation. Students will use concepts from chemistry, physics, cell biology, anatomy, environmental science and computer science to “solve the crime.” Additionally, students will interact with law and science professionals in the field. Topics will include DNA analysis, trace evidence, drugs and toxicology and serology. Whether the student is interested in being a crime scene investigator, a forensic pathologist or a medical scientist, this course will prepare students for future studies and/or careers in applied science.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

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<th>CREDIT: 0.5</th>
<th>TYPE: Regular</th>
<th>GRADE: 11-12</th>
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</table>
Food Science I Sem. 1

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2611 - Food Science I Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Food Science II Sem. 1

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2622 - Food Science II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Food Science II Sem. 2

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information
on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12
Science, Technology, Engineering and Mathematics

Advanced Biology Sem. 1 3051A1
In Advanced Biology, students will engage in a rigorous study of the topics studied in Biology. This course involves more theory and less guided practice with additional topics and a more in-depth treatment of the subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. The students and parents sign a contract indicating that they understand and agree to the class requirements. A notebook is required.

CREDIT: 0.5  TYPE: Advanced  GRADE: 9
COREQUISITES: If you take this course, you must also take 3051A2 - Advanced Biology Sem. 2

Advanced Biology Sem. 2 3051A2
In Advanced Biology, students will engage in a rigorous study of the topics studied in Biology. This course involves more theory and less guided practice with additional topics and a more in-depth treatment of the subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. The students and parents sign a contract indicating that they understand and agree to the class requirements. A notebook is required.

CREDIT: 0.5  TYPE: Advanced  GRADE: 9
COREQUISITES: If you take this course, you must also take 3051A1 - Advanced Biology Sem. 1

Biology Sem. 1 305191
In Biology, students will develop a fundamental understanding of the cell, the molecular basis of heredity, biological evolution, interdependence and behavior of organisms, matter, energy and organization in living systems. Topics will be developed through laboratory activities employing scientific method and inquiry. A notebook is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-10
COREQUISITES: If you take this course, you must also take 305192 - Biology Sem. 2

Biology Sem. 2 305192
In Biology, students will develop a fundamental understanding of the cell, the molecular basis of heredity, biological evolution, interdependence and behavior of organisms, matter, energy and organization in living systems. Topics will be developed through laboratory activities employing scientific method and inquiry. A notebook is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-10
COREQUISITES: If you take this course, you must also take 305191 - Biology Sem. 1

Drafting Sem. 1 AC1011
Drafting is offered to introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications. The course provides students with the knowledge, experience and ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems will be introduced.
Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Drafting Sem. 2 AC1012
Drafting is offered to introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications. The course provides students with the knowledge, experience and ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems will be introduced.
Qualifies for JCCC Advanced Standing Credit (see page 7)
Introduction to IT Sem. 1

Introduction to IT offers a broad exploration of the use of computers in a variety of fields. Students are introduced to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, possible applications of computers, and occupations related to computer hardware and software. Students will explore legal and ethical issues associated with computer use, as well as how computers influence modern society.
Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

IT1011

Introduction to IT Sem. 2

Introduction to IT offers a broad exploration of the use of computers in a variety of fields. Students are introduced to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, possible applications of computers, and occupations related to computer hardware and software. Students will explore legal and ethical issues associated with computer use, as well as how computers influence modern society.
Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

IT1012

Chemistry Sem. 1

This course covers the fundamental concepts of chemistry. Chemistry is the study of the composition, structure and properties of substances and the changes they undergo. The course includes the development of basic lab skills as well as the theory and application of the scientific method.
A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
COREQUISITES: If you take this course, you must also take 310192 - Chemistry Sem. 2

310191

Chemistry Sem. 2

This course covers the fundamental concepts of chemistry. Chemistry is the study of the composition, structure and properties of substances and the changes they undergo. The course includes the development of basic lab skills as well as the theory and application of the scientific method.
A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
COREQUISITES: If you take this course, you must also take 310191 - Chemistry Sem. 1

310192

Advanced Chemistry Sem. 1

This course is designed for students who have a strong interest in science and desire more in-depth coverage in a first year chemistry course. This course is recommended for students planning on pursuing Advanced Placement Biology or Advanced Placement Chemistry. Advanced Chemistry involves more theory and less guided practice, with additional topics and a more in-depth treatment of subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. Completion of or concurrent enrollment in Algebra II is required.
A scientific calculator is required ($10-15).

CREDIT: 0.5  TYPE: Advanced  GRADE: 10-12
PREREQUISITE: Geometry and Biology
COREQUISITES: If you take this course, you must also take 3101A2 - Advanced Chemistry Sem. 2

3101A1

Advanced Chemistry Sem. 2

This course is designed for students who have a strong interest in science and desire more in-depth coverage in a first year chemistry course. This course is recommended for students planning on pursuing Advanced Placement Biology or Advanced Placement Chemistry. Advanced Chemistry involves more theory and less guided practice, with additional topics and a more in-depth treatment of subject matter. Emphasis is placed on critical thinking, problem solving and advanced laboratory skills to help students prepare for future academic work in the sciences. Completion of or

3101A2
concurrent enrollment in Algebra II is required. A scientific calculator is required ($10-15).

**CREDIT:** 0.5  **TYPE:** Advanced  **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 3101A1 - Advanced Chemistry Sem. 1

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**Natural Resources and Wildlife Sem. 1**  AG3111

Environmental Resources and Wildlife combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife and forests. Within the general area of natural resources management, this course covers specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation and human outdoor recreation. Membership in the FFA ($12) is strongly encouraged but not required.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

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**Natural Resources and Wildlife Sem. 2**  AG3112

Environmental Resources and Wildlife combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife and forests. Within the general area of natural resources management, this course covers specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation and human outdoor recreation. Membership in the FFA ($12) is strongly encouraged but not required.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

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**Engineering Design Sem. 1**  SM2211

Throughout the year students will concentrate on fundamentals of problem solving, using engineering curriculum with the addition of the design process and development. The purpose is to go only to an exploratory level of the following areas: civil, mechanical, architectural, aerospace, and structural engineering and design. Outside sources from colleges and businesses will be used to create functional "real world" problems for students to solve and critique. Engineers and designers are challenged daily to reinvent or develop new objects for human existence and this class will prepare students to enter post-secondary education successfully by this type of educational preparation. Students will be required to complete each project and be willing to put in extra time to do so. Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2

**COREQUISITES:** If you take this course, you must also take SM2212 - Engineering Design Sem. 2

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**Engineering Design Sem. 2**  SM2212

Throughout the year students will concentrate on fundamentals of problem solving, using engineering curriculum with the addition of the design process and development. The purpose is to go only to an exploratory level of the following areas: civil, mechanical, architectural, aerospace, and structural engineering and design. Outside sources from colleges and businesses will be used to create functional "real world" problems for students to solve and critique. Engineers and designers are challenged daily to reinvent or develop new objects for human existence and this class will prepare students to enter post-secondary education successfully by this type of educational preparation. Students will be required to complete each project and be willing to put in extra time to do so. Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take SM2211 - Engineering Design Sem. 1

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**Civil Engineering and Architecture I Sem. 1**  SM3011

This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required. Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

136
PREREQUISITE: AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2

Civil Engineering and Architecture I Sem. 2  
SM3012

This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: AC1011 - Drafting Sem. 1 or AC1012 - Drafting Sem. 2

Civil Engineering and Architecture II Sem. 1  
SM3021

This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: SM3011 - Civil Engineering and Architecture I Sem. 1 or SM3012 - Civil Engineering and Architecture I Sem. 2

Civil Engineering and Architecture II Sem. 2  
SM3022

This course will equip the student with the necessary for further study of engineering and architecture. The first semester concentrates on fundamentals of structure design, building specifications and symbols. The second semester concentrates on reproduction and modeling. Each student is required to furnish pencils, erasers, masking tape, etc. A $25.00 materials fee is required. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: SM3011 - Civil Engineering and Architecture I Sem. 1 or SM3012 - Civil Engineering and Architecture I Sem. 2

Ecology and Environmental Science Sem. 1  
300311

This course focuses on current ecological and environmental science issues with laboratory and field experiences. Some of the issues include population studies, air and water pollution, energy use, alternative energy sources, conservation of natural resources, and human impact on ecosystems. Ecology includes the study of the characteristics of the major physical and biological ecosystems of the world. Emphasis will be placed on the natural influence and the management of the physical and biological environments. Environmental science includes people’s effect on the world’s ecosystems and environmental concerns. The course will provide students with the scientific methods required to understand problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine solutions taking in all sides of an issue for resolving them. This interdisciplinary course embraces social, physical and biological sciences.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: Biology or Adv Biology

COREQUISITES: If you take this course, you must also take 300312 - Ecology and Environmental Science Sem. 2

Ecology and Environmental Science Sem. 2  
300312

This course focuses on current ecological and environmental science issues with laboratory and field experiences. Some of the issues include population studies, air and water pollution, energy use, alternative energy sources, conservation of natural resources, and human impact on ecosystems. Ecology includes the study of the characteristics of the major physical and biological ecosystems of the world. Emphasis will be placed on the natural influence and the management of the physical and biological environments. Environmental science includes people’s effect on the world’s ecosystems and environmental concerns. The course will provide students with the scientific methods required to understand problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine
solutions taking in all sides of an issue for resolving them. This interdisciplinary course embraces social, physical and biological sciences.

**Corequisites:** If you take this course, you must also take 300311 - Ecology and Environmental Science Sem. 1

**Human Anatomy and Physiology Sem. 1**

Study of structures and functions within the human body systems will be emphasized in this course. The major systems will be surveyed by means of lecture, discussions, and laboratory sessions. This course is a college preparatory class. Team dissection of a cat and other mammalian organs is required.

**Corequisites:** If you take this course, you must also take 305311 - Human Anatomy and Physiology Sem. 1

**Human Anatomy and Physiology Sem. 2**

Study of structures and functions within the human body systems will be emphasized in this course. The major systems will be surveyed by means of lecture, discussions, and laboratory sessions. This course is a college preparatory class. Team dissection of a cat and other mammalian organs is required.

**Corequisites:** If you take this course, you must also take 305312 - Human Anatomy and Physiology Sem. 2

**AP Environmental Science Sem. 1**

AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems.

There is a cost associated with the AP Exam; however, the AP Exam is not required.

**Corequisites:** If you take this course, you must also take 320711 - AP Environmental Science Sem. 1

**AP Environmental Science Sem. 2**

AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems.

There is a cost associated with the AP Exam; however, the AP Exam is not required.

**Corequisites:** If you take this course, you must also take 320712 - AP Environmental Science Sem. 2

**Design/Build I Sem. 1**

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information...
on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3321 - Design/Build II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

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**Design/Build I Sem. 2**  
AC3312

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3322 - Design/Build II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

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**Design/Build II Sem. 1**  
AC3321

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3311 - Design/Build I Sem. 1

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**Design/Build II Sem. 2**  
AC3322

Design/Build is an opportunity to follow a passionate pursuit from imagination to innovation. This is an advanced research and application course covering specific topics is design and pre-construction, including project-management skills. Students will learn Design Thinking principals and develop an entrepreneurial mindset as they turn ideas into action. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take AC3312 - Design/Build I Sem. 2

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**Robotics I Sem. 1**  
SM2311

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in
many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5   TYPE: Regular   GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2321 - Robotics II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Robotics I Sem. 2 SM2312

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5   TYPE: Regular   GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2322 - Robotics II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Robotics II Sem. 1 SM2321

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5   TYPE: Regular   GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2311 - Robotics I Sem. 1

Robotics II Sem. 2 SM2322

During this class, students will explore the field of robotic design and create robotic devices. Students will work in teams to engineer solutions to mechanical, electrical and computer-based problems. No pre-requisite knowledge is required. Students will have an opportunity to work with business and industry mentors and learn how robotics are utilized in many business and industry sectors. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5   TYPE: Regular   GRADE: 11-12

COREQUISITES: If you take this course, you must also take SM2312 - Robotics I Sem. 2

Principles of Engineering I Sem. 1 SM2411
Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU).

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2421 - Principles of Engineering II Sem. 1

If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

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**Principles of Engineering I Sem. 2**

SM2412

Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU).

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2422 - Principles of Engineering II Sem. 2

If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

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**Principles of Engineering II Sem. 1**

SM2421

Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU).

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2411 - Principles of Engineering I Sem. 1

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**Principles of Engineering II Sem. 2**

SM2422

Engineering is using technical knowledge to create solutions to world problems. Through problems that engage and challenge, students will explore a broad range of topics, developing skills in problem solving, research and design while practicing strategies for design process documentation, collaboration and presentation. Students will work closely with business and post-secondary mentors to complete projects tailored to the student's engineering interests, such as
chemical, electrical, mechanical, aeronautics, nuclear, civil and environmental, software/computer, architectural, advanced manufacturing and robotics. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

Students who successfully complete Principles of Engineering will earn articulated credit for ENGR 101 Introduction to Engineering at Wichita State University (WSU)

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take SM2412 - Principles of Engineering I Sem. 2

### Computer Integrated Manufacturing I Sem. 1  
**SM2511**

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take SM2521 - Computer Integrated Manufacturing II Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

### Computer Integrated Manufacturing I Sem. 2  
**SM2512**

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take SM2522 - Computer Integrated Manufacturing II Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

### Computer Integrated Manufacturing II Sem. 1  
**SM2521**

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12
**COREQUISITES:** If you take this course, you must also take SM2511 - Computer Integrated Manufacturing I Sem. 1

**Computer Integrated Manufacturing II Sem. 2**

SM2522

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. Students in this course will have the opportunity to work with today's high-tech manufacturing tools (3D printing, robotics, CNC machining) while mentored by local business and industry leaders. This course teaches students about manufacturing processes, product design, robotics and automation and will allow students to develop, create and test designs based on their individual interests. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take SM2512 - Computer Integrated Manufacturing I Sem. 2

Food Science I Sem. 1

SM2611

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take SM2621 - Food Science II Sem. 1  
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Food Science II Sem. 1

SM2612

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  

**COREQUISITES:** If you take this course, you must also take SM2622 - Food Science II Sem. 2  
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Food Science II Sem. 1

SM2621

Providing food for the growing population is one of the largest challenges facing society today. This course will examine the many topics related to food science and prepare students to meet the impending food challenges. Students will explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources. Identifying future food sources, both locally and globally, students will develop products that support future food system challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information
on courses at the Lawrence College & Career Center, including a sample student schedule, please visit
www.usd497.org/discoverwhatsnext.

**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from
Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2611 - Food Science I Sem. 1

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**Food Science II Sem. 2**  SM2622

Providing food for the growing population is one of the largest challenges facing society today. This course will examine
the many topics related to food science and prepare students to meet the impending food challenges. Students will
explore nutritional aspects of food and the science behind developing, preserving and sustaining food sources.
Identifying future food sources, both locally and globally, students will develop products that support future food system
challenges. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence
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**COURSE NOTE:** This course is taught at the Lawrence College & Career Center. Transportation is provided from
Lawrence High School and Lawrence Free State High School.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SM2612 - Food Science I Sem. 2

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**Particular Topics in Engineering Sem. 1**  SM3111

Particular Topics in Engineering provides work experience in a field related to Engineering. Goals are set cooperatively
by the student, teacher, and employer (although students are not necessarily paid). The course includes classroom
activities as well, involving further study of the field and discussion regarding experiences that students encounter in the
workplace.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12

**PREREQUISITE:** Application Required

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**Particular Topics in Engineering Sem. 2**  SM3112

Particular Topics in Engineering provides work experience in a field related to Engineering. Goals are set cooperatively
by the student, teacher, and employer (although students are not necessarily paid). The course includes classroom
activities as well, involving further study of the field and discussion regarding experiences that students encounter in the
workplace.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 12

**PREREQUISITE:** Application Required
### Social Studies

#### Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td><strong>World Geography Sem. 1</strong></td>
<td>400111</td>
</tr>
<tr>
<td>This elective course involves the study of world regions and concepts in geography. Physical, cultural, economic, political and historical geography of the world's major regions are discussed. Map skills are also an integral part of this course. Research-based projects and presentations will be required.</td>
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<tr>
<td>CREDIT: 0.5</td>
<td>TYPE: Regular</td>
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<tr>
<td>GRADE: 9-12</td>
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<tr>
<td><strong>World Geography Sem. 2</strong></td>
<td>400112</td>
</tr>
<tr>
<td>This elective course involves the study of world regions and concepts in geography. Physical, cultural, economic, political and historical geography of the world's major regions are discussed. Map skills are also an integral part of this course. Research-based projects and presentations will be required.</td>
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<td>GRADE: 9-12</td>
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<tr>
<td><strong>Ancient World History Sem. 1</strong></td>
<td>406011</td>
</tr>
<tr>
<td>Students in this elective course will study the development of the world from prehistory to the Middle Ages. The course also includes an overview of the classical civilizations of ancient Greece and Rome and ends with the study of the Middle Ages. Research-based projects and presentations will be required.</td>
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<td>CREDIT: 0.5</td>
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<td>GRADE: 9-12</td>
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<tr>
<td><strong>East Asian Studies Sem. 1</strong></td>
<td>406111</td>
</tr>
<tr>
<td>East Asian Studies is an historical overview of East Asia focusing on China and Japan with a particular emphasis on the 20th Century. This cultural investigation of China and Japan will be infused with the historical, geographic, economic and political study of this region. East Asia’s interaction with the rest of the world will also be explored.</td>
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<tr>
<td><strong>East Asian Studies Sem. 2</strong></td>
<td>406112</td>
</tr>
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<tr>
<td><strong>Native American History Sem. 1</strong></td>
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<tr>
<td>Native American History examines the history, politics, economics, society, and/or culture of Native American groups in the United States. This course focuses primarily on the history of Native American groups and may take a comprehensive approach to studying the contemporary issues affecting Native Americans overall.</td>
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<tr>
<td>African American History Sem. 1</td>
<td>410721</td>
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<td>African American History examines the history, politics, economics, society, and/or culture of African American groups in the United States. This course focuses primarily on the history of African American groups and may take a comprehensive approach to studying the contemporary issues affecting African American groups overall.</td>
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<tr>
<td>Intro to Law &amp; Public Safety Sem. 1</td>
<td>LP1011</td>
</tr>
<tr>
<td>Introduction to Law and Public Service is an introductory level course in the new Law and Public Safety pathway. The course will examine law-related material and career options. It is designed to be an introduction to law, the legal system and fire science. An individual law-related project will be completed, presented and displayed by each student. Field trips and guest speakers from the Lawrence Police Department, Douglas County Sheriff, Douglas County District Attorney and Lawrence and Douglas County Fire and Medical.</td>
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<tr>
<td>Intro to Law &amp; Public Safety Sem. 2</td>
<td>LP1012</td>
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<td>Introduction to Law and Public Service is an introductory level course in the new Law and Public Safety pathway. The course will examine law-related material and career options. It is designed to be an introduction to law, the legal system and fire science. An individual law-related project will be completed, presented and displayed by each student. Field trips and guest speakers from the Lawrence Police Department, Douglas County Sheriff, Douglas County District Attorney and Lawrence and Douglas County Fire and Medical.</td>
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<tr>
<td>Career &amp; Community Connections Service Learning Experience Sem. 2</td>
<td>CCCSL2</td>
</tr>
<tr>
<td>Career and Community Connections: Service Learning Experience provides students with service-work experience and community impact project development in fields related to human services. Goals are set cooperatively by the student, teacher, and community partners based on service learning framework and community needs. The course consists of service site experiences, development of community impact projects and classroom activities including progress monitoring, reflection and analysis, experience-based portfolio, further study of the field and discussion regarding experiences that students encounter within human services.</td>
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<td><strong>CREDIT:</strong> 0.5 <strong>TYPE:</strong> Regular <strong>GRADE:</strong> 11</td>
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<tr>
<td><strong>OTHER REQUIREMENTS:</strong> Recommendation Required</td>
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<tr>
<td>Interpersonal Skills Sem. 1</td>
<td>429911</td>
</tr>
<tr>
<td>This course is specifically designed to create and foster a reciprocal relationship between students with special needs and their general education peers as they work towards a common goal of community outreach. Students will explore four focus areas of community outreach through research and observation. Following the exploration period, students will be grouped with fellow classmates with similar interests to develop and implement a Community Impact Project (CIP).</td>
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**Career & Community Connections Service Learning Experience Sem. 1**

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**Practical Law Sem. 1**

This course is designed for students interested in law, government and politics. Students will be introduced to the Constitution, the branches of federal government, state and local government and the practices and functions of government. Additionally, the course includes the basics of legal topics of Constitutional issues, criminal law, ethics, torts, contracts and family and juvenile law. Students will have the opportunity to learn from experts during field visits and mentorships from professionals in the field of government and law. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

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**Economics Sem. 1**

This is a college-prep economics class that will teach the basic economic principles and apply them to current economic issues. Micro economics will be covered in detail and concepts in Macro economics will be covered as time allows. The course uses an AP textbook and is designed to challenge college bound seniors.
### Economics Sem. 2

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<th>CREDIT</th>
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### Psychology Sem. 1

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Psychology literally means "the study of the mind." This course will be a general survey of the discipline of Psychology which will prepare students for a college course on the subject. The course will explore various perspectives, history, methods, concepts, careers and fields of study associated with Psychology. Students will be expected to participate in various activities, readings and projects that will be assigned in class that focus on the concepts that will be explored.

### Psychology Sem. 2

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### Social Studies

#### Civics & the U.S. Constitution Sem. 1

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<th>CREDIT</th>
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<td>0.5</td>
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</table>

Course provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties, and the importance of civic participation in the democratic process through the study of the founding documents and landmark court cases. This course will cover certain economic and legal topics.

**COREQUISITES:** If you take this course, you must also take 805112 - Health 9 Sem. 2

#### Civics & the U.S. Constitution Sem. 2

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#### Social Studies—Individual Goals Sem. 1

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<th>CREDIT</th>
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<td>IEP</td>
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</table>

.5 or 1 credit/1 or 2 sem
The student’s IEP will require enrolling in this course to meet Kansas Extended Standards and graduation requirements. The purpose of this course is to provide social studies instruction tailored to students’ individual needs. Instruction will be designed in accordance with each student’s learning method, rate, level, and style. Through an independent study format, students will learn to relate social studies concepts to daily living.

#### Social Studies—Individual Goals Sem. 2

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**CREDIT:** 0.5  
**TYPE:** IEP  
**GRADE:** 9-12

### Modern World History Sem. 1 405311

The Modern World History course provides an overview of the history of human society in the past few centuries—from the Renaissance period to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10

**COREQUISITES:** If you take this course, you must also take 405312 - Modern World History Sem. 2

### Modern World History Sem. 2 405312

The Modern World History course provides an overview of the history of human society in the past few centuries—from the Renaissance period to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10

**COREQUISITES:** If you take this course, you must also take 405311 - Modern World History Sem. 1

### AP European History Sem. 1 405611

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. It begins with the study of the Renaissance and ends with contemporary events. The following skills will be emphasized throughout this class: critical reading and thinking; research methods; information gathering and synthesizing; explanation of ideas supported by historical detail; appreciation of cause and effect relationships in history and the interaction of political, economic, social, and cultural aspects which affect history; the ability to work in cooperation in groups and to think independently. ("B" average or higher in English and social studies strongly recommended.) Students are encouraged to take the Advanced Placement European History Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 405612 - AP European History Sem. 2

### AP European History Sem. 2 405612

This course is designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination administered by the College Board and to prepare them for college courses. It begins with the study of the Renaissance and ends with contemporary events. The following skills will be emphasized throughout this class: critical reading and thinking; research methods; information gathering and synthesizing; explanation of ideas supported by historical detail; appreciation of cause and effect relationships in history and the interaction of political, economic, social, and cultural aspects which affect history; the ability to work in cooperation in groups and to think independently. ("B" average or higher in English and social studies strongly recommended.) Students are encouraged to take the Advanced Placement European History Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement  
**GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 405611 - AP European History Sem. 1

### Survey of US History I Sem. 1 410111

Fall Semester Only

These courses provide students with an overview of the history of the United States, examining time periods from Civil War through the late 20th century. This course includes a historical overview of political, military, scientific, economic, and social developments.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11

**COREQUISITES:** If you take this course, you must also take 410122 - Survey of US History II Sem. 2
Survey of US History II Sem. 2

Spring Semester Only
These courses provide students with an overview of the history of the United States, examining time periods from Civil War through the late 20th century. This course includes a historical overview of political, military, scientific, economic, and social developments.

CREDIT: 0 TYPE: Regular GRADE: 11
COREQUISITES: If you take this course, you must also take 410111 - Survey of US History I Sem. 1

AP US History I Sem.1

Fall Semester Only
This course is designed to provide college-bound students with the necessary knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. It begins with the study of early American history and ends with Reconstruction. In addition to covering the major issues of this time period, this course will also look at the nature of history, historical research, and contemporary issues. A research paper or project is required. This course is recommended for college-bound students. (A "B" average or higher in English and social studies courses is strongly recommended.)

CREDIT: 0.5 TYPE: Advanced Placement GRADE: 11
COREQUISITES: If you take this course, you must also take 410422 - AP US History II Sem. 2

AP US History II Sem. 2

Spring Semester Only
This course is designed to provide college-bound students with the necessary knowledge and skills to successfully complete the Advanced Placement examination administered by the College Board and to prepare them for college courses. It begins with the study of Industrialization and ends with the current administration. In addition to covering the major issues of this time period, the course will also look at the nature of history, historical research and contemporary issues. A research paper or project is required. This course is recommended for college-bound students. (A "B" average or higher in English and social studies courses is strongly recommended). Students are encouraged to take the Advanced Placement American History Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

CREDIT: 0.5 TYPE: Advanced Placement GRADE: 11
COREQUISITES: If you take this course, you must also take 410421 - AP US History I Sem.1

US Government (w/ Practical Law) Sem. 1

The basic objective of the course is to provide students with the knowledge necessary to participate as citizens in governmental affairs. The topics covered may include: the Constitution, its historical background and the principles incorporated into it; the federal government, including the executive, legislative, and judicial branches and the federal bureaucracy; state and local government; elections, voting behavior, political parties, the media, interest groups, and political behavior.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12
COREQUISITES: If you take this course, you must also take LP2011 - Practical Law Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

US Government (w/ Practical Law) Sem. 2

The basic objective of the course is to provide students with the knowledge necessary to participate as citizens in governmental affairs. The topics covered may include: the Constitution, its historical background and the principles incorporated into it; the federal government, including the executive, legislative, and judicial branches and the federal bureaucracy; state and local government; elections, voting behavior, political parties, the media, interest groups, and political behavior.

COURSE NOTE: This course is taught at the Lawrence College & Career Center. Transportation is provided from Lawrence High School and Lawrence Free State High School.
### Practical Law Sem. 1

This course is designed for students interested in law, government and politics. Students will be introduced to the Constitution, the branches of federal government, state and local government and the practices and functions of government. Additionally, the course includes the basics of legal topics of Constitutional issues, criminal law, ethics, torts, contracts and family and juvenile law. Students will have the opportunity to learn from experts during field visits and mentorships from professionals in the field of government and law. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

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**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1
If you take this course, you must also take 4151C1 - US Government (w/ Practical Law) Sem. 1

### Practical Law Sem. 2

This course is designed for students interested in law, government and politics. Students will be introduced to the Constitution, the branches of federal government, state and local government and the practices and functions of government. Additionally, the course includes the basics of legal topics of Constitutional issues, criminal law, ethics, torts, contracts and family and juvenile law. Students will have the opportunity to learn from experts during field visits and mentorships from professionals in the field of government and law. This course is provided at the Lawrence College & Career Center. Transportation is provided to the Lawrence College & Career Center from both Lawrence High School and Lawrence Free State High School. For more information on courses at the Lawrence College & Career Center, including a sample student schedule, please visit www.usd497.org/discoverwhatsnext.

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**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take W99CC2 - College & Career Center/Post Secondary Sem. 2
If you take this course, you must also take 4151C2 - US Government (w/ Practical Law) Sem. 2

### US Government Sem. 1

The basic objective of the course is to provide students with the knowledge necessary to participate as citizens in governmental affairs. The topics covered may include: the Constitution, its historical background and the principles incorporated into it; the federal government, including the executive, legislative, and judicial branches and the federal bureaucracy; state and local government; elections, voting behavior, political parties, the media, interest groups, and political behavior.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12

### US Government Sem. 2

The basic objective of the course is to provide students with the knowledge necessary to participate as citizens in governmental affairs. The topics covered may include: the Constitution, its historical background and the principles incorporated into it; the federal government, including the executive, legislative, and judicial branches and the federal bureaucracy; state and local government; elections, voting behavior, political parties, the media, interest groups, and political behavior.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 12

### AP Government & Politics Sem. 1

The basic objective of the course is to provide students with the knowledge necessary to participate as citizens in governmental affairs. The topics covered may include: the Constitution, its historical background and the principles incorporated into it; the federal government, including the executive, legislative, and judicial branches and the federal bureaucracy; state and local government; elections, voting behavior, political parties, the media, interest groups, and political behavior.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 415711
This course is designed to help students successfully complete the College Board Advanced Placement Government and Politics exam and meet the district senior social studies requirement. Students will be prepared to take both the U.S. government and the comparative government exams to qualify for college credit. AP Government & Politics: United States/Comparative will give students an analytical perspective on the government and politics of not only the U.S. but also of Britain, Iran, Nigeria, Mexico, Russia, and China. Recommended for college-bound students with an interest in preparing for the College Board exams.

Students are encouraged to take the Advanced Placement U.S. Government & Comparative Politics Exams. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 12

**AP Government & Politics Sem. 2**

This course is designed to help students successfully complete the College Board Advanced Placement Government and Politics exam and meet the district senior social studies requirement. Students will be prepared to take both the U.S. government and the comparative government exams to qualify for college credit. AP Government & Politics: United States/Comparative will give students an analytical perspective on the government and politics of not only the U.S. but also of Britain, Iran, Nigeria, Mexico, Russia, and China. Recommended for college-bound students with an interest in preparing for the College Board exams.

Students are encouraged to take the Advanced Placement U.S. Government & Comparative Politics Exams. There is a cost associated with the AP Exam; however, the AP Exam is not required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 12
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**Intro to Industrial Technology Sem. 1 (CP1011)**
Intro to Industrial Technology is designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, Welding & Transportation areas. Students will explore careers and skills in numerous fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

**Intro to Industrial Technology Sem. 2 (CP1012)**
Intro to Industrial Technology is designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, Welding & Transportation areas. Students will explore careers and skills in numerous fields. Qualifies for JCCC Advanced Standing Credit (see page 7)

**Auto/Welding for the Novice Sem. 2 (AT2112)**
This is an introductory course designed to instruct students in practical car maintenance and basic welding skills. Students will attain the basic skills to own and maintain a vehicle. Students will learn what to consider when buying a car, shopping for car insurance and acquiring a title. Students will also learn to safely use welding tools and explore beginning welding practices. All students will complete the OSHA 10 Hours Safety Training as part of the course. This course is offered in the spring semester only.

**Automotive Service I Sem. 1 (AT2011)**
The course covers theory of operation, light repair, troubleshooting and maintenance of the following systems of the automobile: manual/information, basic electrical, cooling, lubrication, fuel, exhaust emissions, tires, and drive lines. A student completing this course should have skills necessary for entry-level employment in addition to knowledge gained in the maintenance of a personal vehicle.

**Automotive Service II Sem. 1 (AT2021)**
The course covers theory of operation, light repair, troubleshooting and maintenance of the following systems of the automobile: manual/information, basic electrical, cooling, lubrication, fuel, exhaust emissions, tires, and drive lines. A student completing this course should have skills necessary for entry-level employment in addition to knowledge gained in the maintenance of a personal vehicle.

**Automotive Service II Sem. 2 (AT2012)**
The course covers theory of operation, light repair, troubleshooting and maintenance of the following systems of the automobile: manual/information, basic electrical, cooling, lubrication, fuel, exhaust emissions, tires, and drive lines. A student completing this course should have skills necessary for entry-level employment in addition to knowledge gained in the maintenance of a personal vehicle.

**Course Notes:**
- Students are required to enroll in Automotive Service I & II concurrently.
- Students are required to enroll in Automotive Service I & II concurrently.
- Students are required to enroll in Automotive Service I & II concurrently.

**Prerequisites:**
- CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2
- CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2
- CP1011 - Intro to Industrial Technology Sem. 1 or CP1012 - Intro to Industrial Technology Sem. 2

**Corequisites:**
- If you take this course, you must also take AT2021 - Automotive Service II Sem. 1
- If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1
- If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

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Auto Service II covers the theory of operation, troubleshooting, light repair, and maintenance of the following systems of the automobile: ignition systems, charging systems, starting systems, transmission (standard and automatic), clutches, brakes, HVAC, rear-axle and fundamentals of engine repair. A student satisfactorily completing this course should have the skills necessary for entry-level employment in addition to knowledge gained in the maintenance and repair of a personal vehicle.

THIS COURSE IS OFFERED AT LAWRENCE HIGH SCHOOL ONLY. FREE STATE HIGH STUDENTS ARE PERMITTED TO TRAVEL TO LAWRENCE HIGH SCHOOL FOR THE COURSE. SEE YOUR COUNSELOR FOR DETAILS.

COURSE NOTE: Students are required to enroll in Automotive Service I & II concurrently.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

COREQUISITES: If you take this course, you must also take AT2011 - Automotive Service I Sem. 1

Automotive Service II Sem. 2

Auto Service II covers the theory of operation, troubleshooting, light repair, and maintenance of the following systems of the automobile: ignition systems, charging systems, starting systems, transmission (standard and automatic), clutches, brakes, HVAC, rear-axle and fundamentals of engine repair. A student satisfactorily completing this course should have the skills necessary for entry-level employment in addition to knowledge gained in the maintenance and repair of a personal vehicle.

THIS COURSE IS OFFERED AT LAWRENCE HIGH SCHOOL ONLY. FREE STATE HIGH STUDENTS ARE PERMITTED TO TRAVEL TO LAWRENCE HIGH SCHOOL FOR THE COURSE. SEE YOUR COUNSELOR FOR DETAILS.

COURSE NOTE: Students are required to enroll in Automotive Service I & II concurrently.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

COREQUISITES: If you take this course, you must also take AT2012 - Automotive Service I Sem. 2

Automotive Service III Sem. 1

This advanced course is designed to train students toward a career in the automotive service industry, or assist those who want to know how to work on their own cars. The class meets two hours per day, with students spending about 75% of their class time working on actual customer cars. Students in this class learn how to do tune ups, fuel service, valve jobs, brake jobs, engine repairs and many other service jobs. Students must furnish their own coveralls, safety glasses and basic hand tools.

THIS COURSE IS OFFERED AT LAWRENCE HIGH SCHOOL ONLY. FREE STATE HIGH STUDENTS ARE PERMITTED TO TRAVEL TO LAWRENCE HIGH SCHOOL FOR THE COURSE. SEE YOUR COUNSELOR FOR DETAILS.

COURSE NOTE: Students are required to enroll in Automotive Service III & IV concurrently.

CREDIT: 0.5 TYPE: Regular GRADE: 12

PREREQUISITE: Automotive Service I and II

COREQUISITES: If you take this course, you must also take AT3021 - Automotive Service IV Sem. 1
If you take this course, you must also take W99CC1 - College & Career Center/Post Secondary Sem. 1

Automotive Service III Sem. 2

This advanced course is designed to train students toward a career in the automotive service industry, or assist those who want to know how to work on their own cars. The class meets two hours per day, with students spending about 75% of their class time working on actual customer cars. Students in this class learn how to do tune ups, fuel service, valve jobs, brake jobs, engine repairs and many other service jobs. Students must furnish their own coveralls, safety glasses and basic hand tools.

THIS COURSE IS OFFERED AT LAWRENCE HIGH SCHOOL ONLY. FREE STATE HIGH STUDENTS ARE PERMITTED TO TRAVEL TO LAWRENCE HIGH SCHOOL FOR THE COURSE. SEE YOUR COUNSELOR FOR DETAILS.

COURSE NOTE: Students are required to enroll in Automotive Service III & IV concurrently.

CREDIT: 0.5 TYPE: Regular GRADE: 12

COREQUISITES: If you take this course, you must also take AT3022 - Automotive Service IV Sem. 2
If you take this course, you must also take W99CC2 - College & Career Center/Post-Secondary Sem. 2

Automotive Service IV Sem. 1

Automotive Service IV Sem. 2
This advanced course is designed to train students toward a career in the automotive service industry, or assist those who want to know how to work on their own cars. The class meets two hours per day, with students spending about 75% of their class time working on actual customer cars. Students in this class learn how to do tune ups, fuel service, valve jobs, brake jobs, engine repairs and many other service jobs. Students must furnish their own coveralls, safety glasses and basic hand tools.

THIS COURSE IS OFFERED AT LAWRENCE HIGH SCHOOL ONLY. FREE STATE HIGH STUDENTS ARE PERMITTED TO TRAVEL TO LAWRENCE HIGH SCHOOL FOR THE COURSE. SEE YOUR COUNSELOR FOR DETAILS.

COURSE NOTE: Automotive Service III and IV must be enrolled in concurrently.

CREDIT: 0.5  TYPE: Regular  GRADE: 12

COREQUISITES: If you take this course, you must also take AT3011 - Automotive Service III Sem. 1

Automotive Service IV Sem. 2

AT3022

This advanced course is designed to train students toward a career in the automotive service industry, or assist those who want to know how to work on their own cars. The class meets two hours per day, with students spending about 75% of their class time working on actual customer cars. Students in this class learn how to do tune ups, fuel service, valve jobs, brake jobs, engine repairs and many other service jobs. Students must furnish their own coveralls, safety glasses and basic hand tools.

THIS COURSE IS OFFERED AT LAWRENCE HIGH SCHOOL ONLY. FREE STATE HIGH STUDENTS ARE PERMITTED TO TRAVEL TO LAWRENCE HIGH SCHOOL FOR THE COURSE. SEE YOUR COUNSELOR FOR DETAILS.

COURSE NOTE: Students are required to enroll in Automotive Service III & IV concurrently

CREDIT: 0.5  TYPE: Regular  GRADE: 12

COREQUISITES: If you take this course, you must also take AT3012 - Automotive Service III Sem. 2
### Visual Arts & A/V Technology

#### 21st Century Journalism Sem. 1 110111

21st Century Journalism students create news products using a range of digital media tools. Students explore the role the media has in society, the impact of the First Amendment in a democracy, and the legal and ethical responsibilities of journalists in the digital age. Students develop technical skills essential to journalistic writing including interviewing, story structure, and compelling story-telling techniques. Students will explore different mediums for communication, including online, social media, multimedia, and traditional media.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

#### 21st Century Journalism Sem. 2 110112

21st Century Journalism students create news products using a range of digital media tools. Students explore the role the media has in society, the impact of the First Amendment in a democracy, and the legal and ethical responsibilities of journalists in the digital age. Students develop technical skills essential to journalistic writing including interviewing, story structure, and compelling story-telling techniques. Students will explore different mediums for communication, including online, social media, multimedia, and traditional media.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

### Drawing I Sem. 1 510111

This is a class for students who love to draw, or who would like to learn how to draw. The goal of this class is to teach students how to accurately draw from observation. Through sequential drawing exercises in a variety of media, students will gain skill, understanding and confidence in their observational skills, which will enrich their imaginative drawing abilities.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

### Drawing I Sem. 2 510112

This is a class for students who love to draw, or who would like to learn how to draw. The goal of this class is to teach students how to accurately draw from observation. Through sequential drawing exercises in a variety of media, students will gain skill, understanding and confidence in their observational skills, which will enrich their imaginative drawing abilities.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

### Graphic Design I Sem. 1 510221

Graphic Design I students learn essential concepts of the graphic design process. The class provides an introduction to Adobe Illustrator to explore composition techniques, color theory, and typography. Students examine how design is used as a communication tool. Students explore careers in graphic design and communications.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

### Graphic Design I Sem. 2 510222

Graphic Design I students learn essential concepts of the graphic design process. The class provides an introduction to Adobe Illustrator to explore composition techniques, color theory, and typography. Students examine how design is used as a communication tool. Students explore careers in graphic design and communications.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |

### Audio/Video Fundamentals Sem. 1 510321

In this course, students will explore both the technical and artistic evolution of audio/video production through lectures, demonstrations, class exercises and hands-on projects while developing the essential skills necessary to be successful in the preproduction, production and post-production stages of audio/video production. In addition to learning basic elements of composition, camera and editing techniques, students will become familiar with the many different careers and roles in the field of audio/video production. Evaluating and analyzing different audio/video platforms/ mediums will be included.

| CREDIT: 0.5 | TYPE: Regular | GRADE: 9-12 |
Audio/Video Fundamentals Sem. 2 510322

In this course, students will explore both the technical and artistic evolution of audio/video production through lectures, demonstrations, class exercises and hands-on projects while developing the essential skills necessary to be successful in the preproduction, production and post-production stages of audio/video production. In addition to learning basic elements of composition, camera and editing techniques, students will become familiar with the many different careers and roles in the field of audio/video production. Evaluating and analyzing different audio/video platforms/ mediums will be included.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Photography I Sem. 1 510531

Photography I students learn the technical skills of photography and the principles of photographic composition. Digital camera operation, careers in photo and digital arts will be studied. Students will learn to use basic software in this course. A limited number of cameras will be available for short term check out to students who do not have access to one. It is recommended that students own a digital camera with manual controls for this class.

Additional charges may apply for this course (see "Course Fees and Additional Charges" Chart at end of this guide). Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Photography I Sem. 2 510532

Photography I students learn the technical skills of photography and the principles of photographic composition. Digital camera operation, careers in photo and digital arts will be studied. Students will learn to use basic software in this course. A limited number of cameras will be available for short term check out to students who do not have access to one. It is recommended that students own a digital camera with manual controls for this class.

Additional charges may apply for this course (see "Course Fees and Additional Charges" Chart at end of this guide). Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Exploring Art Sem. 1 515411

Students will create art in a variety of 2 dimensional and 3 dimensional media which could include: drawing, painting, mixed media, printmaking, computer art, and sculpture. Emphasis will be on creative problem-solving, composition, and skill development. Art production, art history and communication through art will be explored. Students of all grades and ability levels are welcome.

A $20.00 materials fee is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Exploring Art Sem. 2 515412

Students will create art in a variety of 2 dimensional and 3 dimensional media which could include: drawing, painting, mixed media, printmaking, computer art, and sculpture. Emphasis will be on creative problem-solving, composition, and skill development. Art production, art history and communication through art will be explored. Students of all grades and ability levels are welcome.

A $20.00 materials fee is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Ceramics/Sculpture I Sem. 1 515811

The student will explore the potential of clay as a functional and sculptural material. This investigation will include a variety of ceramic materials and processes. A historical perspective of ceramics and sculpture will be introduced.

Additional charges may apply for this course (see "Course Fees and Additional Charges" Chart at end of this guide).

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Ceramics/Sculpture I Sem. 2 515812

The student will explore the potential of clay as a functional and sculptural material. This investigation will include a variety of ceramic materials and processes. A historical perspective of ceramics and sculpture will be introduced.

Additional charges may apply for this course (see "Course Fees and Additional Charges" Chart at end of this guide).
Jewelry/Art Metals I Sem. 1 516611
This course is an introduction to the design and fabrication of small-scale objects and jewelry exploring techniques such as metalsmithing, simple stone setting and enameling. Materials may include various metals, wood, plastic and mixed-media materials. A historical perspective of jewelry and sculpture will be introduced. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Jewelry/Art Metals I Sem. 2 516612
This course is an introduction to the design and fabrication of small-scale objects and jewelry exploring techniques such as metalsmithing, simple stone setting and enameling. Materials may include various metals, wood, plastic and mixed-media materials. A historical perspective of jewelry and sculpture will be introduced. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

Digital Journalism Sem. 1 510441
Through experience creating the school newspaper and news website or yearbook and photojournalism website, Digital Journalism students participate in the work flow of deadlines and see projects through from start to finish. Students explore reporting stories utilizing words, visual design, audio, video, photography, and social media.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: 110111 - 21st Century Journalism Sem. 1 or 510442 - Digital Journalism Sem. 2

Digital Journalism Sem. 2 510442
Through experience creating the school newspaper and news website or yearbook and photojournalism website, Digital Journalism students participate in the work flow of deadlines and see projects through from start to finish. Students explore reporting stories utilizing words, visual design, audio, video, photography, and social media.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: 110111 - 21st Century Journalism Sem. 1 or 110112 - 21st Century Journalism Sem. 2

Interior and Textile Design Sem. 1 511641
This class is designed for students with various levels of sewing ability, from beginning to more advanced skills. Interior and Textile Design introduces students to and expands upon the various aspects of industry, conveying the commercial application of principles and elements of design, production processes, and maintenance techniques to meet the design needs. Fabric and various construction techniques are covered in the class. This course will also provide a discussion and exploration of career opportunities in interior, textiles and set/exhibit design. At least three projects will be completed during the semester. A $25.00 materials fee is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Interior and Textile Design Sem. 2 511642
This class is designed for students with various levels of sewing ability, from beginning to more advanced skills. Interior and Textile Design introduces students to and expands upon the various aspects of industry, conveying the commercial application of principles and elements of design, production processes, and maintenance techniques to meet the design needs. Fabric and various construction techniques are covered in the class. This course will also provide a discussion and exploration of career opportunities in interior, textiles and set/exhibit design. At least three projects will be completed during the semester. A $25.00 materials fee is required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

Video Production I Sem. 1 515011
Building on skills learned in Intro to Audio/Video Production, this course, through multiple video projects, delves deeper into the stages of preproduction, production and post-production as well as the technical and artistic techniques used to create effective video productions while exploring how technological advances, business practices and American
cultural/historical influences have contributed to more advanced video narrative and film styles and the continued
development of video production. Evaluating and analyzing films and film styles will be included.

**Video Production I Sem. 2**

Building on skills learned in Intro to Audio/Video Production, this course, through multiple video projects, delves deeper into the stages of preproduction, production and post-production as well as the technical and artistic techniques used to create effective video productions while exploring how technological advances, business practices and American cultural/historical influences have contributed to more advanced video narrative and film styles and the continued development of video production. Evaluating and analyzing films and film styles will be included.

**Video Production II Sem. 1**

Building on the technical skills and visual literacy learned in Video Production I, this course, through multiple video projects, is designed to guide students through advanced skills in preproduction, production and post-production, analyzing specific elements (including, for example, narrative structure, cinematography techniques, mise-en-scene, special effects, and editing styles) of video production to discover how they contribute to video productions’ meaning. Evaluating and analyzing films and film styles will be included.

**Drawing/Painting II Sem. 1**

Drawing and Painting Studio is the class for students who want to master perceptual drawing and painting skills. Every semester, students will learn new approaches to drawing and painting the figure, still life, and structural environment, with the goal of perceptual accuracy coupled with individual personal expressions and visual power. A wide variety of dry and wet media will be utilized in this intensive lab class. A $25.00 materials fee is required.

**Drawing/Painting II Sem. 2**

Drawing and Painting Studio is the class for students who want to master perceptual drawing and painting skills. Every semester, students will learn new approaches to drawing and painting the figure, still life, and structural environment, with the goal of perceptual accuracy coupled with individual personal expressions and visual power. A wide variety of dry and wet media will be utilized in this intensive lab class. A $25.00 materials fee is required.
Students will develop expressive and advanced technical skills in ceramics and sculpture. Advanced design concepts in form and surface decoration will be explored. Traditional and contemporary ceramics/sculpture will be studied as a basis for design concepts. A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** 515811 - Ceramics/Sculpture I Sem. 1 or 515812 - Ceramics/Sculpture I Sem. 2

### Ceramics/Sculpture II Sem. 2  
515822

Students will develop expressive and advanced technical skills in ceramics and sculpture. Advanced design concepts in form and surface decoration will be explored. Traditional and contemporary ceramics/sculpture will be studied as a basis for design concepts. A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** 515811 - Ceramics/Sculpture I Sem. 1 or 515812 - Ceramics/Sculpture I Sem. 2

### Graphic Design II Sem. 1  
516211

In Graphic Design II, students learn essential graphic design skills, working primarily with vector images. They will utilize Adobe Illustrator and other programs in the Adobe Creative Suite. Students explore graphic design in the creation of logos, packaging and artistic designs. Students examine typography, branding, and composition as they explore how design conveys a message. A $25.00 materials fee is required.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** 510221 - Graphic Design I Sem. 1 or 510222 - Graphic Design I Sem. 2

### Graphic Design II Sem. 2  
516212

In Graphic Design II, students learn essential graphic design skills, working primarily with vector images. They will utilize Adobe Illustrator and other programs in the Adobe Creative Suite. Students explore graphic design in the creation of logos, packaging and artistic designs. Students examine typography, branding, and composition as they explore how design conveys a message. A $25.00 materials fee is required.
Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** 510221 - Graphic Design I Sem. 1 or 510222 - Graphic Design I Sem. 2

### Jewelry/Art Metals II Sem. 1  
516621

Students will develop expressive and advanced technical skills in jewelry and art metals. Advanced design concepts in form and surface decoration will be explored. Traditional and contemporary jewelry/art metals will be studied as a basis for design concepts.
A $25.00 materials fee is required.
Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** 516611 - Jewelry/Art Metals I Sem. 1 or 516612 - Jewelry/Art Metals I Sem. 2

### Jewelry/Art Metals II Sem. 2  
516622

Students will develop expressive and advanced technical skills in jewelry and art metals. Advanced design concepts in form and surface decoration will be explored. Traditional and contemporary jewelry/art metals will be studied as a basis for design concepts.
A $25.00 materials fee is required.
Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** 516611 - Jewelry/Art Metals I Sem. 1 or 516612 - Jewelry/Art Metals I Sem. 2

### Photography II Sem. 1  
516721
In Photography II, students will create and manipulate digital photographic imagery using a variety of basic techniques on the PC computer platform. Students will apply techniques to correct, repair, create selections, scan and work with layers. Students will complete a variety of projects using creative problem solving. The history of photography and contemporary trends will be included in this course. A limited number of cameras will be available for short term check out to students who do not have access to one. It is recommended that students own a digital camera with manual controls for this class.

A $25.00 materials fee is required.

Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** 510531 - Photography I Sem. 1 or 510532 - Photography I Sem. 2

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**Photography II Sem. 2**  
516722

In Photography II, students will create and manipulate digital photographic imagery using a variety of basic techniques on the PC computer platform. Students will apply techniques to correct, repair, create selections, scan and work with layers. Students will complete a variety of projects using creative problem solving. The history of photography and contemporary trends will be included in this course. A limited number of cameras will be available for short term check out to students who do not have access to one. It is recommended that students own a digital camera with manual controls for this class.

A $25.00 materials fee is required.

Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** 510531 - Photography I Sem. 1 or 510532 - Photography I Sem. 2

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**Digital Media D&P—Newspaper Sem. 1**  
515111

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats.

Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 11-12

**OTHER REQUIREMENTS:** Teacher Approval

**COREQUISITES:** If you take this course, you must also take 515112 - Digital Media D&P—Newspaper Sem. 2

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**Digital Media D&P—Newspaper Sem. 2**  
515112

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats.

Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 515111 - Digital Media D&P—Newspaper Sem. 1

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**Digital Media D&P—Yearbook Sem. 1**  
515121

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats.

Qualifies for JCCC Advanced Standing Credit (see page 7)

**CREDIT:** 0.5  
**TYPE:** Advanced  
**GRADE:** 11-12

**OTHER REQUIREMENTS:** Teacher Approval
**COREQUISITES:** If you take this course, you must also take 515122 - Digital Media D&P—Yearbook Sem. 2

### Digital Media D&P—Yearbook Sem. 2 515122

Digital Journalism Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Digital Journalism through the production of the school newspaper and news website or yearbook and photojournalism website. Topics include following a production schedule, working as a team to conceptualize a product, utilizing composition principles, implementing a social media presence, and embedding audio, video or other content in digital formats. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12

**COREQUISITES:** If you take this course, you must also take 515121 - Digital Media D&P—Yearbook Sem. 1

### Digital Design Sem. 1 516221

Digital Design is a project-based course that expands upon the skills learned in Graphic Design II and Photography II. Students will complete projects that respond to a client's needs, while utilizing a range of programs in the Adobe Creative Suite, including Photoshop, Illustrator, and InDesign. The course is for advanced students interested in pursuing a career in digital arts and graphic design. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12

**PREREQUISITE:** Graphic Design II and Photography II

### Digital Design Sem. 2 516222

Digital Design is a project-based course that expands upon the skills learned in Graphic Design II and Photography II. Students will complete projects that respond to a client's needs, while utilizing a range of programs in the Adobe Creative Suite, including Photoshop, Illustrator, and InDesign. The course is for advanced students interested in pursuing a career in digital arts and graphic design. Qualifies for JCCC Advanced Standing Credit (see page 7)

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12

**PREREQUISITE:** Graphic Design II and Photography II

### Video Production III Sem. 1 516811

Video Production III is a class for students who desire to pursue video production after high school. Through the participation in the creation of video production projects in and for the community and at and for school, students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level, both locally and nationally. Students in this class will also create a portfolio of work that may be submitted to colleges and art schools for admission and scholarship competitions.

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12

**OTHER REQUIREMENTS:** Teacher Approval

### Video Production III Sem. 2 516812

Video Production III is a class for students who desire to pursue video production after high school. Through the participation in the creation of video production projects in and for the community and at and for school, students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level, both locally and nationally. Students in this class will also create a portfolio of work that may be submitted to colleges and art schools for admission and scholarship competitions.

CREDIT: 0.5 TYPE: Advanced GRADE: 11-12

**OTHER REQUIREMENTS:** Teacher Approval

### Portfolio/Studio - Drawing/Painting Sem. 1 517011
Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level.

A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Advanced  GRADE: 11-12

PREREQUISITE: Level II Visual Art Course in the medium

Portfolio/Studio - Drawing/Painting Sem. 2  

Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level.

A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Advanced  GRADE: 11-12

PREREQUISITE: Level II Visual Art Course in the medium

Portfolio/Studio: Ceramics Sem. 1  

Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level.

A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: Level II Visual Art Course in the medium

Portfolio/Studio: Ceramics Sem. 2  

Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level.

A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: Level II Visual Art Course in the medium

Portfolio/Studio: Jewelry/Art Metals Sem. 1  

Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level.

A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: Level II Visual Art Course in the medium

Portfolio/Studio: Jewelry/Art Metals Sem. 2  

Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level.

A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: Level II Visual Art Course in the medium
Portfolio/Studio: Photography Sem. 1 517041
Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level. A $25.00 materials fee is required. Additional charges may apply for this course (see "Course Fees and Additional Charges" Chart at end of this guide).
CREDIT: 0.5 TYPE: Regular GRADE: 11-12
PREREQUISITE: Level II Visual Art Course in the medium

Portfolio/Studio: Photography Sem. 2 517042
Portfolio/Studio is a class for students who desire to pursue art studies. Students will create work that clearly demonstrates new technical skills, increasing conceptual thinking and reflecting their personal interests. Individual critiques and planned group activities will help each student achieve at a competitive level. A $25.00 materials fee is required. Additional charges may apply for this course (see “Course Fees and Additional Charges” Chart at end of this guide).
CREDIT: 0.5 TYPE: Regular GRADE: 11-12
PREREQUISITE: Level II Visual Art Course in the medium

AP Studio Art: 2D Design Sem. 1 517111
These courses teach students a variety of concepts and approaches in Drawing, 2-D Design, or 3-D Design so that the student is able to demonstrate a range of abilities and versatility with technique and creative problem solving. Concepts can be demonstrated through either the use of one or the use of several media. These courses enable students to develop a body of work investigating a strong underlying visual idea in Drawing, 2-D Design, or 3-D Design that grow out of a coherent plan of action or investigation. They are designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination. Students are encouraged to take the Advanced Placement Art Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required. A $25.00 materials fee is required.
CREDIT: 0.5 TYPE: Advanced Placement GRADE: 11-12
OTHER REQUIREMENTS: Permission of Instructor

AP Studio Art: 2D Design Sem. 2 517112
These courses teach students a variety of concepts and approaches in Drawing, 2-D Design, or 3-D Design so that the student is able to demonstrate a range of abilities and versatility with technique and creative problem solving. Concepts can be demonstrated through either the use of one or the use of several media. These courses enable students to develop a body of work investigating a strong underlying visual idea in Drawing, 2-D Design, or 3-D Design that grow out of a coherent plan of action or investigation. They are designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination. Students are encouraged to take the Advanced Placement Art Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required. A $25.00 materials fee is required.
CREDIT: 0.5 TYPE: Advanced Placement GRADE: 11-12
OTHER REQUIREMENTS: Permission of Instructor

AP Studio Art: 3D Design Sem. 1 517121
These courses teach students a variety of concepts and approaches in Drawing, 2-D Design, or 3-D Design so that the student is able to demonstrate a range of abilities and versatility with technique and creative problem solving. Concepts can be demonstrated through either the use of one or the use of several media. These courses enable students to develop a body of work investigating a strong underlying visual idea in Drawing, 2-D Design, or 3-D Design that grow out of a coherent plan of action or investigation. They are designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination. Students are encouraged to take the Advanced Placement Art Exam. There is a cost associated with the AP Exam;
However, the AP Exam is not required. A $25.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11-12
**OTHER REQUIREMENTS:** Permission of Instructor

**AP Studio Art: 3D Design Sem. 2**  517122

These courses teach students a variety of concepts and approaches in Drawing, 2-D Design, or 3-D Design so that the student is able to demonstrate a range of abilities and versatility with technique and creative problem solving. Concepts can be demonstrated through either the use of one or the use of several media. These courses enable students to develop a body of work investigating a strong underlying visual idea in Drawing, 2-D Design, or 3-D Design that grow out of a coherent plan of action or investigation. They are designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination. Students are encouraged to take the Advanced Placement Art Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required. A $25.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11-12
**OTHER REQUIREMENTS:** Permission of Instructor

**AP Studio Art: Drawing Sem. 1**  517211

These courses teach students a variety of concepts and approaches in Drawing, 2-D Design, or 3-D Design so that the student is able to demonstrate a range of abilities and versatility with technique and creative problem solving. Concepts can be demonstrated through either the use of one or the use of several media. These courses enable students to develop a body of work investigating a strong underlying visual idea in Drawing, 2-D Design, or 3-D Design that grow out of a coherent plan of action or investigation. They are designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination. Students are encouraged to take the Advanced Placement Art Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required. A $25.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11-12
**OTHER REQUIREMENTS:** Permission of Instructor

**AP Studio Art: Drawing Sem. 2**  517212

These courses teach students a variety of concepts and approaches in Drawing, 2-D Design, or 3-D Design so that the student is able to demonstrate a range of abilities and versatility with technique and creative problem solving. Concepts can be demonstrated through either the use of one or the use of several media. These courses enable students to develop a body of work investigating a strong underlying visual idea in Drawing, 2-D Design, or 3-D Design that grow out of a coherent plan of action or investigation. They are designed to provide college-bound students with the knowledge and skills to successfully complete the advanced placement examination. Students are encouraged to take the Advanced Placement Art Exam. There is a cost associated with the AP Exam; however, the AP Exam is not required. A $25.00 materials fee is required.

**CREDIT:** 0.5  **TYPE:** Advanced Placement  **GRADE:** 11-12
**OTHER REQUIREMENTS:** Permission of Instructor

**Humanities Sem. 1**  520111

This multi-disciplinary course involves the study of culture through the examination of its belief and value systems, rules, customs and artifacts, particularly as reflected in the fine arts--language, literature, art, music, dance, drama, and cinema. Students will study selected past cultures of Western civilization. Research and/or creative projects are required. In addition, students will write reaction papers and take tests over material examining various art forms as well as the works of specific artists. The course may be taken for English or Fine Arts credit.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**Humanities Sem. 2**  520112

165
This multi-disciplinary course involves the study of culture through the examination of its belief and value systems, rules, customs and artifacts, particularly as reflected in the fine arts—language, literature, art, music, dance, drama, and cinema. Students will study selected past cultures of Western civilization. Research and/or creative projects are required. In addition, students will write reaction papers and take tests over material examining various art forms as well as the works of specific artists. The course may be taken for English or Fine Arts credit.

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<tbody>
<tr>
<td><strong>Project Management—Digital Media Sem. 1</strong> AV3011</td>
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<tr>
<td>Experienced Digital Journalism Yearbook and Digital Journalism Newspaper students may be selected by application to act as editors. Students must have completed Digital Journalism and Digital Journalism Production and Design in order to apply and be enrolled in this course. Students will develop and execute plans for completing online and print publications and manage marketing and sales of the product.</td>
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<td>CREDIT: 0.5</td>
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<td><strong>OTHER REQUIREMENTS:</strong> Teacher Approval</td>
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| **Project Management—Digital Media Sem. 2** AV3012 |
| Experienced Digital Journalism Yearbook and Digital Journalism Newspaper students may be selected by application to act as editors. Students must have completed Digital Journalism and Digital Journalism Production and Design in order to apply and be enrolled in this course. Students will develop and execute plans for completing online and print publications and manage marketing and sales of the product. |
| CREDIT: 0.5 | TYPE: Advanced | GRADE: 11-12 |
| **OTHER REQUIREMENTS:** Teacher Approval |

| **Media Technology-Workplace Exp. Sem. 1** AV3021 |
| Students with a wide variety of digital media skills (digital design, digital photography, video production, web page design) will work together as a team to create a digital media product for a client. Students must demonstrate skill competency in a number of areas and must be able to work independently to complete project tasks and assignments. |
| CREDIT: 0.5 | TYPE: Advanced | GRADE: 11-12 |
| **OTHER REQUIREMENTS:** Teacher Approval |
| **COREQUISITES:** If you take this course, you must also take AV3022 - Media Technology-Workplace Exp. Sem. 2 |

| **Media Technology-Workplace Exp. Sem. 2** AV3022 |
| Students with a wide variety of digital media skills (digital design, digital photography, video production, web page design) will work together as a team to create a digital media product for a client. Students must demonstrate skill competency in a number of areas and must be able to work independently to complete project tasks and assignments. |
| CREDIT: 0.5 | TYPE: Advanced | GRADE: 11-12 |
| **COREQUISITES:** If you take this course, you must also take AV3021 - Media Technology-Workplace Exp. Sem. 1 |
The Community Transition Program is designed to serve students, between the ages of 18-21, whose IEP teams recommend they remain in school though they have completed their high school credits. The C-Tran Program affords students the opportunity to begin experiencing adult life activities. Students will be able to expand work hours and responsibilities, participate in community-based recreation/leisure activities, further develop independent living skills, and begin to develop social connections in community environments likely to be utilized during the student's post-school years. C-Tran will allow the student to explore options and begin to realize his/her vision for life as a young adult. In addition, C-Tran will allow students and their families to develop relationships with adult service providers who might support the student in future years.

CREDIT: 0.5  TYPE: IEP  GRADE: 0

PREREQUISITE: Active IEP

COREQUISITES: If you take this course, you must also take W25301 - Community Transition Program (C-TRAN) Sem. 1

Community Transition Program (C-TRAN) Sem. 2  W25302

The Community Transition Program is designed to serve students, between the ages of 18-21, whose IEP teams recommend they remain in school though they have completed their high school credits. The C-Tran Program affords students the opportunity to begin experiencing adult life activities. Students will be able to expand work hours and responsibilities, participate in community-based recreation/leisure activities, further develop independent living skills, and begin to develop social connections in community environments likely to be utilized during the student's post-school years. C-Tran will allow the student to explore options and begin to realize his/her vision for life as a young adult. In addition, C-Tran will allow students and their families to develop relationships with adult service providers who might support the student in future years.

CREDIT: 0.5  TYPE: IEP  GRADE: 0

COREQUISITES: If you take this course, you must also take W25301 - Community Transition Program (C-TRAN) Sem. 1

Career Development and Transition Sem. 1  W15111

This course is designed to prepare students with disabilities to enter into sheltered or community-based employment. Students will master competencies in seeking, securing and maintaining employment. Through job shadowing, students will explore a variety of career interests. Self-advocacy strategies and transition planning will be incorporated throughout the semester.

CREDIT: 0.5  TYPE: IEP  GRADE: 10-12

Career Development and Transition Sem. 2  W15112

This course is designed to prepare students with disabilities to enter into sheltered or community-based employment. Students will master competencies in seeking, securing and maintaining employment. Through job shadowing, students will explore a variety of career interests. Self-advocacy strategies and transition planning will be incorporated throughout the semester.

CREDIT: 0.5  TYPE: IEP  GRADE: 10-12

Campus Work Sem. 1  W15211

Students enrolled in this course receive job skills training and supervision in on-campus work sites. Students receive credit while participating in paid employment or non-paid vocational training experiences.

CREDIT: 0.5  TYPE: IEP  GRADE: 10-12

Campus Work Sem. 2  W15212

Students enrolled in this course receive job skills training and supervision in on-campus work sites. Students receive credit while participating in paid employment or non-paid vocational training experiences.

CREDIT: 0.5  TYPE: IEP  GRADE: 10-12
Project SEARCH Sem. 1  
W15301

Project SEARCH helps students enter the workforce through career exploration, job search and application, and the development of positive work attitudes and work-related skills. This course typically covers such topics as career planning and selection, money management, communication skills, interpersonal business relationships and behaviors, and personal responsibility. Employment is a required component of these courses. Students will participate in unpaid internship opportunities on a rotation in actual business settings.

CREDIT: 0.5  
TYPE: IEP  
GRADE: 10-12  
COREQUISITES: If you take this course, you must also take W15302 - Project SEARCH Sem. 2

Project SEARCH Sem. 2  
W15302

Project SEARCH helps students enter the workforce through career exploration, job search and application, and the development of positive work attitudes and work-related skills. This course typically covers such topics as career planning and selection, money management, communication skills, interpersonal business relationships and behaviors, and personal responsibility. Employment is a required component of these courses. Students will participate in unpaid internship opportunities on a rotation in actual business settings.

CREDIT: 0.5  
TYPE: IEP  
GRADE: 10-12  
COREQUISITES: If you take this course, you must also take W15301 - Project SEARCH Sem. 1

Community Living Sem. 1  
W25111

The purpose of this course is to help students develop skills necessary for successful inclusion in their communities. Students will practice utilizing public transportation, crossing streets, and utilizing community services, as well as participating in instruction regarding other safety and public service issues. Students will have the opportunity to demonstrate skills learned in this course.

CREDIT: 0.5  
TYPE: IEP  
GRADE: 10-12  
COREQUISITES: If you take this course, you must also take W25112 - Community Living Sem. 2

Community Living Sem. 2  
W25112

The purpose of this course is to help students develop skills necessary for successful inclusion in their communities. Students will practice utilizing public transportation, crossing streets, and utilizing community services, as well as participating in instruction regarding other safety and public service issues. Students will have the opportunity to demonstrate skills learned in this course.

CREDIT: 0.5  
TYPE: IEP  
GRADE: 10-12  
COREQUISITES: If you take this course, you must also take W25111 - Community Living Sem. 1

Independent Living Sem. 1  
W25121

The primary objective of this course is to help students acquire the skills necessary for independent living after high school. Students will practice skills to satisfy criteria of a number of post-school living situations. Students will participate in planning menus, shopping, cooking, doing laundry, maintaining personal hygiene and learning self-help skills.

CREDIT: 0.5  
TYPE: IEP  
GRADE: 10-12  
COREQUISITES: If you take this course, you must also take W25122 - Independent Living Sem. 2

Independent Living Sem. 2  
W25122

The primary objective of this course is to help students acquire the skills necessary for independent living after high school. Students will practice skills to satisfy criteria of a number of post-school living situations. Students will participate in planning menus, shopping, cooking, doing laundry, maintaining personal hygiene and learning self-help skills.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12  
COREQUISITES: If you take this course, you must also take W25121 - Independent Living Sem. 1

Work Experience Sem. 1  
W99811

With the assistance of a work experience coordinator, students use job seeking skills to secure employment in the community. A variety of supports (evaluations, job coaches, assistance in training, interventions with employers or co-
workers, etc.) are then set up to enhance student performance on the job site. Students enrolled in this course will receive school credit and may be participating in paid employment or nonpaid training experiences.

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**Work Experience Sem. 2**

With the assistance of a work experience coordinator, students use job seeking skills to secure employment in the community. A variety of supports (evaluations, job coaches, assistance in training, interventions with employers or co-workers, etc.) are then set up to enhance student performance on the job site. Students enrolled in this course will receive school credit and may be participating in paid employment or nonpaid training experiences.

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World Language

Chinese I Sem. 1

Chinese I is offered in conjunction with the Confucius Institute at the University of Kansas. The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

COREQUISITES: If you take this course, you must also take 640112 - Chinese I Sem. 2

Chinese I Sem. 2

Chinese I is offered in conjunction with the Confucius Institute at the University of Kansas. The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

COREQUISITES: If you take this course, you must also take 640111 - Chinese I Sem. 1

Chinese II Sem. 1

Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses. Chinese II builds on the skills developed in Chinese I. Students enrolling in Chinese II must have completed Chinese I with a grade of "C" or above. Students work to increase proficiency in the spoken and written language, mastering a larger number of phrases while increasing their ability to relate basic needs, feelings, agreements and disagreements with ease. They will be able to recognize and reproduce a greater number of Chinese characters in addition to acquiring more information about Chinese culture. Classes are taught by a native speaker in conjunction with the Confucius Institute at the University of Kansas with authentic Chinese materials.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

PREREQUISITE: Students enrolling in Chinese II must have completed Chinese I with a grade of "C" or above.

COREQUISITES: If you take this course, you must also take 640212 - Chinese II Sem. 2

Chinese II Sem. 2

Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses. Chinese II builds on the skills developed in Chinese I. Students enrolling in Chinese II must have completed Chinese I with a grade of "C" or above. Students work to increase proficiency in the spoken and written language, mastering a larger number of phrases while increasing their ability to relate basic needs, feelings, agreements and disagreements with ease. They will be able to recognize and reproduce a greater number of Chinese characters in addition to acquiring more information about Chinese culture. Classes are taught by a native speaker in conjunction with the Confucius Institute at the University of Kansas with authentic Chinese materials.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

COREQUISITES: If you take this course, you must also take 640211 - Chinese II Sem. 1

Chinese III Sem. 1

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and
essay writing. Cultural activities may incur a nominal fee. This course builds on skills developed in Chinese I and II. Students enrolling in Chinese III must have completed Chinese II with a grade of “C” or above. Students work to increase proficiency in the spoken and written language, mastering phrases while increasing their ability to relate basic needs, feelings, agreements and disagreements with ease. They will be able to recognize and reproduce Chinese characters in addition to acquiring more information about Chinese culture. Classes are taught by a native speaker in conjunction with the Confucius Institute at the University of Kansas with authentic Chinese materials.

**Chinese III Sem. 2**

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee. This course builds on skills developed in Chinese I and II. Students enrolling in Chinese III must have completed Chinese II with a grade of “C” or above. Students work to increase proficiency in the spoken and written language, mastering phrases while increasing their ability to relate basic needs, feelings, agreements and disagreements with ease. They will be able to recognize and reproduce Chinese characters in addition to acquiring more information about Chinese culture. Classes are taught by a native speaker in conjunction with the Confucius Institute at the University of Kansas with authentic Chinese materials.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 640312 - Chinese III Sem. 2

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### French

**French I Sem. 1**

The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 612112 - French I Sem. 2

**French I Sem. 2**

The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 612112 - French I Sem. 1

**French II Sem. 1**

Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** 612112 - French I Sem. 2

**COREQUISITES:** If you take this course, you must also take 612212 - French II Sem. 2

**French II Sem. 2**

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

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Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 612211 - French II Sem. 1

### French III Sem. 1

612311

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**PREREQUISITE:** 612212 - French II Sem. 2

**COREQUISITES:** If you take this course, you must also take 612312 - French III Sem. 2

### French III Sem. 2

612312

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 612311 - French III Sem. 1

### French IV Sem. 1

612411

Students continue to develop proficiency in listening, speaking, reading and writing in each course. They will be able to understand a native speaker not accustomed to dealing with foreigners. They will continue to improve their creative oral expression and writing, and explore literature and cultural aspects of the language. The course will be conducted in the target language.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**PREREQUISITE:** 612312 - French III Sem. 2

**COREQUISITES:** If you take this course, you must also take 612412 - French IV Sem. 2

### French IV Sem. 2

612412

Students continue to develop proficiency in listening, speaking, reading and writing in each course. They will be able to understand a native speaker not accustomed to dealing with foreigners. They will continue to improve their creative oral expression and writing, and explore literature and cultural aspects of the language. The course will be conducted in the target language.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 612411 - French IV Sem. 1

### German

**German I Sem. 1**

620111

The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 620112 - German I Sem. 2

### German I Sem. 2

620112
The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 620111 - German I Sem. 1

**German II Sem. 1**

Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**PREREQUISITE:** 620112 - German I Sem. 2

**COREQUISITES:** If you take this course, you must also take 620211 - German II Sem. 1

**German II Sem. 2**

Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 620212 - German II Sem. 2

**German III Sem. 1**

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**PREREQUISITE:** 620212 - German II Sem. 2

**COREQUISITES:** If you take this course, you must also take 620311 - German III Sem. 1

**German III Sem. 2**

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 620312 - German III Sem. 2

**German IV Sem. 1**

Students continue to develop proficiency in listening, speaking, reading and writing in each course. They will be able to understand a native speaker not accustomed to dealing with foreigners. They will continue to improve their creative oral expression and writing, and explore literature and cultural aspects of the language. The course will be conducted in the target language.

**CREDIT:** 0.5  **TYPE:** Regular  **GRADE:** 11-12

**PREREQUISITE:** 620312 - German III Sem. 2

**COREQUISITES:** If you take this course, you must also take 620412 - German IV Sem. 2

**German IV Sem. 2**

Students continue to develop proficiency in listening, speaking, reading and writing in each course. They will be able to understand a native speaker not accustomed to dealing with foreigners. They will continue to improve their creative oral
expression and writing, and explore literature and cultural aspects of the language. The course will be conducted in the target language.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 11-12  
**COREQUISITES:** If you take this course, you must also take 620411 - German IV Sem. 1

**Latin**

**Latin I Sem. 1**  
630111  
The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee. Emphasis in Latin will be on reading comprehension, pronunciation and vocabulary building. Students will also be introduced to various aspects of the culture of Romans, including a thorough investigation of Greek and Roman Mythology.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 630112 - Latin I Sem. 2

**Latin I Sem. 2**  
630112  
The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee. Emphasis in Latin will be on reading comprehension, pronunciation and vocabulary building. Students will also be introduced to various aspects of the culture of Romans, including a thorough investigation of Greek and Roman Mythology.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**COREQUISITES:** If you take this course, you must also take 630111 - Latin I Sem. 1

**Latin II Sem. 1**  
630211  
Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses. Emphasis in Latin will be on reading comprehension and pronunciation, and completes the survey of Latin grammar. Reading materials reflect Roman life and culture, emphasizing the Republic and early Empire.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**PREREQUISITE:** 630112 - Latin I Sem. 2  
**COREQUISITES:** If you take this course, you must also take 630212 - Latin II Sem. 2

**Latin II Sem. 2**  
630212  
Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses. Emphasis in Latin will be on reading comprehension and pronunciation, and completes the survey of Latin grammar. Reading materials reflect Roman life and culture, emphasizing the Republic and early Empire.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**COREQUISITES:** If you take this course, you must also take 630211 - Latin II Sem. 1

**Latin III Sem. 1**  
630311  
Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.
Students will build knowledge of the Latin language as they comprehend and react to original Latin works. This course’s culture will focus primarily on the topography of Ancient Rome, as a city and as an empire.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: 630212 - Latin II Sem. 2

COREQUISITES: If you take this course, you must also take 630312 - Latin III Sem. 2

Latin III Sem. 2  630312

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.

Students will build knowledge of the Latin language as they comprehend and react to original Latin works. This course’s culture will focus primarily on the topography of Ancient Rome, as a city and as an empire.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take 630311 - Latin III Sem. 1

AP Latin: Vergil Sem. 1  631311

Emphasis in Advanced Placement Latin: Vergil will be on literature. This course is designed to provide college-bound students with the knowledge and skills to complete successfully the advanced placement examination administered by the College Board and to prepare them for college courses. AP Latin courses also include study of the political, social, and cultural background of the literary works and their authors, as well as their influence on later literature. Finally, it includes a review of grammar of Roman authors.

Students are encouraged to take the Advanced Placement Latin: Vergil exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 11-12

PREREQUISITE: 630312 - Latin III Sem. 2

COREQUISITES: If you take this course, you must also take 631312 - AP Latin: Vergil Sem. 2

AP Latin: Vergil Sem. 2  631312

Emphasis in Advanced Placement Latin: Vergil will be on literature. This course is designed to provide college-bound students with the knowledge and skills to complete successfully the advanced placement examination administered by the College Board and to prepare them for college courses. AP Latin courses also include study of the political, social, and cultural background of the literary works and their authors, as well as their influence on later literature. Finally, it includes a review of grammar of Roman authors.

Students are encouraged to take the Advanced Placement Latin: Vergil exam. There is a cost associated with the AP Exam; however, the AP Exam is not required.

CREDIT: 0.5  TYPE: Advanced Placement  GRADE: 11-12

COREQUISITES: If you take this course, you must also take 631311 - AP Latin: Vergil Sem. 1

Spanish  

Spanish I Sem. 1  610111

The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 610112 - Spanish I Sem. 2

Spanish I Sem. 2  610112

The purpose of level I World Language courses is to begin acquiring another language by learning vocabulary and language structure, and through the exploration of culture. The four language skills of listening, speaking, reading, and
writing will be developed through practice and study in the target language. Cultural awareness activities may incur a nominal fee.

**Spanish II Sem. 1** 610211

Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses.

**Spanish II Sem. 2** 610212

Students will continue developing all four language skills (listening, speaking, reading, and writing). Level II World Language courses enable students to communicate with speakers of the language at a novice level. A variety of cultural experiences will be included for which students may incur nominal expenses.

**Spanish III Sem. 1** 610311

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.

**Spanish III Sem. 2** 610312

Students will continue to demonstrate a greater ability to create and express their own thoughts in speaking and writing, as well as to improve their reading and listening skills. These communication skills can be used effectively with sympathetic native speakers using everyday language. This course also includes an introduction to literature, art, and essay writing. Cultural activities may incur a nominal fee.

**Spanish IV Sem. 1** 610411

Students continue to develop proficiency in listening, speaking, reading and writing in each course. They will be able to understand a native speaker not accustomed to dealing with foreigners. They will continue to improve their creative oral expression and writing, and explore literature and cultural aspects of the language. The course will be conducted in the target language.

**Spanish IV Sem. 2** 610412

Students continue to develop proficiency in listening, speaking, reading and writing in each course. They will be able to understand a native speaker not accustomed to dealing with foreigners. They will continue to improve their creative oral expression and writing, and explore literature and cultural aspects of the language. The course will be conducted in the target language.
COREQUISITES: If you take this course, you must also take 610411 - Spanish IV Sem. 1

Spanish V Sem. 1 610511

Students at this advanced level will be able to converse with native speakers on a wide range of topics. Speaking and writing will reflect increasing accuracy in compositions and routine social correspondence. Students will comprehend an extensive array of authentic works and will extend their ability to function in culturally appropriate ways. The course will be conducted in the target language.

CREDIT: 0.5  TYPE: Regular  GRADE: 12

PREREQUISITE: 610412 - Spanish IV Sem. 2

COREQUISITES: If you take this course, you must also take 610512 - Spanish V Sem. 2

Spanish V Sem. 2 610512

Students at this advanced level will be able to converse with native speakers on a wide range of topics. Speaking and writing will reflect increasing accuracy in compositions and routine social correspondence. Students will comprehend an extensive array of authentic works and will extend their ability to function in culturally appropriate ways. The course will be conducted in the target language.

CREDIT: 0.5  TYPE: Regular  GRADE: 12

COREQUISITES: If you take this course, you must also take 610511 - Spanish V Sem. 1

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### Fees

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Fee</th>
<th>Estimated Recommended Calculator Cost</th>
<th>Additional Charges</th>
<th>Organization Membership</th>
<th>Co-Curricular Fee</th>
<th>Activity Ticket</th>
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<td>Cabinetry II, III, IV</td>
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### Required District Fees

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<th>Fee Category</th>
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<td>Activity Trip Transportation</td>
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<td>Total Required Fees</td>
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Student fees are for, but not limited to, textbook materials, workbooks, and other supplemental supplies detailed on the “High School Fee Payment Form.”

### Special Fees

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<td>(per Sport/Activity)</td>
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<td>Co-Curricular Fee</td>
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<td>(Band/Orch/Select Choirs, Debate/Forensics)</td>
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<td>Parking Permit</td>
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### Course Fees and Additional Charges

Fees may be required as part of a course or activity and will be specified in the course description book or other enrollment materials. Some costs are estimates and noted as such. Actual costs will be made known at the beginning of the school year. All regular course and activity fees must be approved by the Board of Education (Board Policy JS Student Fees and Charges). Additional charges related to special student projects or activities may be assessed but not without approval by the principal. If there is a problem meeting the additional charges in the course offerings, please contact staff in the school office.
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<thead>
<tr>
<th>Course</th>
<th>Fee 1</th>
<th>Fee 2</th>
<th>Fee 3</th>
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<td>Wind Ensemble</td>
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**Post-Secondary Course Fees**

Fees may be required by post-secondary partners (University of Kansas, Johnson County Community College, Neosho County Community, etc.) for post-secondary courses. Some costs are estimates and actual costs will be made known at the beginning of the school year. Fees are set by the governing body of each institution. Those wishing to enroll in these courses should contact the partner institution if in need of assistance.
NOTICE OF ACCESSIBILITY
Lawrence Public Schools provide services and programs to people with disabilities in the most integrated setting possible. Pursuant to the Americans with Disabilities Act, Title II, the Director of Special Operations, Safety and Transportation has been appointed as the ADA coordinator. Please call for information on accessibility, ADA compliance procedures, or accommodation requests.

In order to facilitate participation, accommodations will be made on an individual basis. If you would like to attend a Board of Education meeting or other public event of the District and require an accommodation for people with disabilities, please contact the ADA coordinator at the Lawrence Public Schools, 110 McDonald Drive, Lawrence, Kansas, 66044, 785-832-5000 or through the Kansas Relay Center, 1-800-766-3777, at least 48 hours in advance. The ADA coordinator may refer issues regarding accessibility and accommodations for students to the student services department. ADA issues regarding employment may be referred to the human resources department by the ADA coordinator.

NONDISCRIMINATION STATEMENT
Lawrence Public Schools are committed to maintaining a learning environment free from discrimination, insult, intimidation, or harassment for any reason. Discrimination, including acts of harassment, against any individual on the basis of race, color, religion, sex, age, national origin or disability is prohibited by federal and state law and district policy. Discrimination, including acts of harassment, against any individual on the basis of sexual orientation, gender identity, socioeconomic status or physical characteristics is prohibited by district policy thereby making the district complaint procedure available to persons who believe they have experienced such discrimination.

Any incident of discrimination, including acts of harassment, shall be promptly reported for investigation and corrective action by the principal or district compliance coordinator.

The district is an equal opportunity, affirmative-action employer. Persons desiring additional information about this policy or assistance to accommodate individual needs under Title VI, Title IX, Americans with Disabilities Act, or Section 504 should contact the superintendent, 110 McDonald Drive, Lawrence, Kansas, 66044, 785-832-5000.