

**Jayhawk USD 346**

**Jayhawk-Linn High School**



**2019 - 2020**

**Course Guide**

# Table of Contents

|   |    |
|---|----|
| Guidebook Purpose .....                             | 4  |
| Use of the Plan.....                                | 4  |
| Enrollment.....                                     | 5  |
| Top Twenty .....                                    | 5  |
| All Jayhawk Requirements.....                       | 5  |
| Graduation Requirements (24 Units) .....            | 5  |
| Honor Roll .....                                    | 5  |
| National Honor Society .....                        | 6  |
| Other Honors and Awards.....                        | 6  |
| Fort Scott Community College Classes .....          | 6  |
| Extra Curricular Activities .....                   | 6  |
| Fees .....  | 6  |
| Student Support Services .....                      | 6  |
| NCAA Eligibility Guidelines .....                   | 7  |
| Special Education Services.....                     | 7  |
| Jayhawk Virtual School.....                         | 7  |
| Kansas Qualified Admissions.....                    | 8  |
| Kansas Qualified Admissions Curriculum .....        | 8  |
| Kansas Scholars Curriculum.....                     | 9  |
| Four Year Plan .....                                | 10 |
| <b>Jayhawk-Linn High School Course Descriptions</b> |    |
| Language Arts .....                                 | 11 |
| Mathematics.....                                    | 12 |
| Science .....                                       | 14 |
| Social Science.....                                 | 16 |
| Art.....  | 17 |
| Foreign Language .....                              | 18 |
| Music.....  | 18 |
| Physical Education.....                             | 19 |
| Agriculture Education .....                         | 20 |
| Audio/Video Communications. ....                    | 23 |
| Web and Digital.....                                | 24 |
| Business Department.....                            | 24 |
| Family and Consumer Sciences (FACS).....            | 25 |
| Industrial Technology Education .....               | 26 |
| Miscellaneous Classes.....                          | 28 |



## **Guidebook Purpose**

### Planning for the Future

This program planning guide describes all subjects offered at Jayhawk-Linn High School. All courses listed are not taught every semester. With the help of the counselor, students should make an educational plan: this plan will include both required and elective courses.

The district provides a diversified curriculum and a well-educated and experienced staff; however, the education that students receive depends upon them. Parents and students must accept the responsibility of making good decisions at enrollment time. Courses and teachers are scheduled according to students' choices. Each time a student change their mind, classes are impacted. Please note the need for students to be very serious about their first enrollment choices. Changes will be considered on a space-available basis. The counselor, teachers and administrators are available to help students select a schedule that will meet individual abilities and needs.

Students with their parents have the responsibility to plan for the future. Your decisions have consequences. Hopefully wise decisions will help prepare you for your future career and role in a democratic society. You should give considerable thought to what courses you take in high school.

Student should select courses that improve basic skills, prepare them for careers, develop citizenship qualities, and satisfy artistic, physical, and recreational needs. Although the parent, student and counselor work as a team in making decisions, the high school student has the major responsibility for making career choices. The parent and counselor can assist the student in reviewing relevant information: student interests, aptitudes, grades, careers, and available course of study.

1. The student and parents will need to continue an area of study (I.E. band, Spanish, etc.). these courses should be placed on the plan first.
2. When it becomes necessary to choose one course from several alternatives, the student and parents should prioritize the choices and place the more important courses on the enrollment plan.

The four-year plan is reviewed each year. Changes in career plans, new courses, and other considerations can be reviewed at that time.

## **Use of the Plan**

The student's four-year plan is important. It should not be changed unless there is some significant reason to do so. The parents, student and counselor, as a team, will review information before changes are made in the plan. Parents and counselor should guide students into wise decisions and away from hasty, poorly considered decisions. If necessary, the student's teachers, as well as the principal, may be consulted before a change is made.

The guiding criteria for course selection will be what is best for the educational benefit of the student. A four year plan guide is available later in this document.

## **Enrollment**

This booklet is prepared by staff members and is intended to help students plan their course of study. Enrollment will be for a full year. Students are expected to take Spring Enrollment very seriously as the administration and counselor will use these selections to build a master schedule. Schedule changes in the August are very difficult to make after the master schedule is built upon your Spring choices.

## **Top Twenty**

The top five students (based on cumulative GPA) from each grade are selected for this award each year.

## **All Jayhawk Requirements**

- 3.5 GPA each semester
- 6 absences (42 classroom absences) or less (all year)
- NO ISS or OSS
- No more than one office referral
- Involved in Two or more Jayhawk Activities/Organizations
- 4 tardies or less (all year)
- Community Service Documentation (we will help with this one)

We will then celebrate excellence in May!

## **Graduation Requirements (24 Units)**

- I. Four units of English (English 9,10, 11, 12 or Advanced Placement English)
- II. Four units of Social Studies (World Studies 9, American History 10, American Government 11 and Economics 12)
- III. Three units of Science (Physical Science, Biology, Chemistry or Earth Science)
- IV. Three units of Mathematics
- V. One unit of Physical Education
- VI. One unit of Fine Arts (art or music)
- VII. Eight units of Elective credits

## **Honor Roll**

Students will have an opportunity to earn semester recognition on the “4.0 Honor Roll”, “3.99 to 3.50 GPA Honor Roll”, or the “3.00 to 3.49 GPA Honor roll”. Students that have a “D”, “F”, or “I” grade are disqualified for Honor Roll status.

## **National Honor Society**

This is a national organization whose goals are to recognize students who possess outstanding qualities in the areas of Scholarship, Leadership, Service and Character.

To be eligible to receive an application, students must be a sophomore, junior, or senior with a minimum 3.25 GPA

## **Other Honors and Awards**

Several organizations offer recognition and rewards for students. Criteria used for selections vary but may include the following: Test scores, GPA, classes taken, leadership shown, attendance, citizenship, financial need, area of study, service to school/community, special skills or talents. Students should be encouraged to set high goals for themselves.

## **Fort Scott Community College Classes**

JLHS students in good standing that have completed 14 credits toward high school graduation requirements are eligible to enroll in college classes through FSCC. Students that have been identified to the gifted program may start as early as their sophomore year. See the Guidance Counselor for more information.

## **Extra Curricular Activities**

At JLHS we believe that a well-rounded education includes participation in some type of extracurricular activity. Many studies have shown that the greatest indicator of student success, once they have graduated from high school, is involvement in school sponsored activities. Certainly, these activities will provide some of the fondest memories of high school years. At the beginning of each year there will be a sign up period for clubs or sports. Coaches or sponsors would be glad to answer you questions about their programs. Inquiries about the possibility of starting an organization where none exists are also welcome.

## **Fees**

An annual book rental fee is assessed to each student for textbook materials. Some classes have special fees for materials used. The following fees were for the 2018 – 2019 school year.

Some fees may change for the 2019 – 2020 school year:

Textbook rental: \$30.00

JLHS Technology Fee: \$40.00

Art I \$18.00; Art II, III, IV and Independent Ceramics fees based on materials used.

## **Student Support Services**

A variety of services and classes are provided to all students 7 – 12 in the Student Support Center. Students may receive assistance or alternative curriculum classes to help meet the requirements of graduation. Counselor approval is required for placement in the SSC during the school day. The SSC is open to all students from 7:15 -7:55 a.m. each morning and from 3:15 – 3:55 p.m. Monday through Thursday.

## **NCAA Eligibility Guidelines**

All prospective student-athletes first entering a collegiate institution on or after August 1, 2008, who want to play NCAA Division I or II intercollegiate athletics must meet certain eligibility requirements. Students need to meet with the Athletic Director and review those requirements. Students and Parents need to review all requirements via the NCAA web site at [www.ncaa.org](http://www.ncaa.org) which will include GPA & test score requirements.

| <b>Division I</b>  | <b>Division II</b>   |
|--|--|
| 16 CORE Course   | 16 CORE Course   |
| 4 years English  | 3 years English  |
| 3 years Math (Algebra I & Higher)                                      | 2 years Math (Algebra I & Higher)                                      |
| 2 years Natural/Physical Science                                       | 2 years Physical Science   |
| 2 years Social Science   | 2 years Social Science   |
| 1 year additional of English & Math or Natural/<br>Physical Science    | 3 years additional of English & Math or Natural/<br>Physical Science   |
| 4 years of additional courses from any area above,<br>foreign language | 4 years of additional courses from any area above,<br>foreign language |

## **Special Education Services**

Special services are provided for those students who qualify and meet certain guidelines and criteria. Students may participate in classes/services to help meet the requirements for graduation. Course work may be designed for the individual who could benefit from such a program.

## **Jayhawk Virtual School**

JLHS does offer home school students the opportunity to enroll in Greenbush Virtual School. Interested students/parents are required to meet with the JLHS counselor and principal prior to enrollment in the Jayhawk Virtual School.

## **Kansas Qualified Admissions**

You must meet the following requirements to qualify for admission to any of the six Kansas Regents Universities: Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, University of Kansas and Wichita State University.

Achieve an ACT composite of 21 or above OR

Rank in the top one-third of your high school's graduating class

**AND**

Complete the Qualified Admissions curriculum with at least a 2.0 GPA

\*\*Note that the University of Kansas has NEW Admission requirements beginning with the Class of 2016. Check [www.ku.edu](http://www.ku.edu) for the additional GPA/ACT requirements.

## **Kansas Qualified Admissions Curriculum**

|                                   |  |
|-----------------------------------|--|
| English                           | 4 Units  |
| Science                           | 3 units (Biology, Chemistry, Physics and/or Anatomy & Physiology)    |
| Math through Algebra II           | 3 units (and score 22 on Math part of ACT or 4th year Math required) |
| Social Science                    | 3 units  |
|                                   |  |
| <u>3 units from the following</u> |  |
| English                           | Computer/Information Systems   |
| Math                              | Foreign Language   |
| Natural Science                   | Personal Finance   |
| Social Science                    | Journalism   |
| Fine Arts                         | Career/Technical Education   |

## **Kansas Scholars Curriculum**

To be considered for one of these, you must complete all the required courses:

|                  |  |
|------------------|--|
| English          | 4 Units  |
| Biology          | 1 unit   |
| Chemistry        | 1 unit   |
| Physics          | 1 unit   |
| Math             | 4 units thru Adv. Math (Alg. I, Geometry, Alg. II, College Alg/Trig) |
| Social Science   | 3 units  |
| Foreign Language | 2 units in one language  |
| Algebra I        | 8th grade accepted   |

## Four Year Plan

| Freshman Year         | Sophomore Year      |
|-----------------------|---------------------|
| 1. English 9          | 1. English 10       |
| 2. World Studies      | 2. American History |
| 3. Algebra I          | 3. Geometry         |
| 4. Physical Science   | 4. Biology          |
| 5. Physical Education | 5.                  |
| 6.                    | 6.                  |
| 7.                    | 7.                  |
| Hawktime:             | Hawktime:           |

| Junior Year                                     | Senior Year                     |
|---|---------------------------------|
| 1. English 11                                   | 1. English 12/ Advanced English |
| 2. American Government                          | 2. Economics/Personal Finance   |
| 3. Algebra II                                   | 3.                              |
| 4. Chemistry/Earth Science/Anatomy & Physiology | 4.                              |
| 5.  | 5.                              |
| 6.  | 6.                              |
| 7.  | 7.                              |
| Hawktime:                                       | Hawktime:                       |

# Jayhawk-Linn High School Course Descriptions

## Language Arts

|                                |         |          |               |
|--------------------------------|---------|----------|---------------|
| <b><i>Advanced English</i></b> | (01006) | Grade 12 | Credit 1 Unit |
|--------------------------------|---------|----------|---------------|

Students enrolling in this course will receive dual credit for high school English and for College English 101 and 102 if they choose to pay the tuition fee from Fort Scott Community College. Students must score a 21 on the English & Reading portion of the ACT prior to September of senior year or pass an English skills test from FSCC in order to enroll in this class. The course will follow English 101 curriculum for the fall semester, which includes research projects, vocabulary, essay writing and the reading of fiction & nonfiction works. For the spring semester English 102 consists of research projects, vocabulary, literature and literary analysis. Advanced English is a very demanding and time consuming course that requires good critical thinking skills and effort. College bound seniors wishing to receive their English Composition 101 & 102 credit (6 hours) should enroll in this course.

|                         |         |         |               |
|-------------------------|---------|---------|---------------|
| <b><i>English 9</i></b> | (01001) | Grade 9 | Credit 1 Unit |
|-------------------------|---------|---------|---------------|

Students will develop analytical and creative thinking skills through reading, writing and speaking experiences. Analysis of text structures to aid comprehension will be explored. Vocabulary development will include the study of word roots and analogies. Literature study will include a variety of text (fiction and nonfiction). Students will demonstrate growth as a writer through the process of 6-Traits Writing (Ideas and Content, Organization, Word Choice, Sentence Fluency, Conventions). Writing for different purposes and audiences will be stressed through different modes of writing (descriptive, narrative, expository, persuasive, technical).

|                          |         |          |               |
|--------------------------|---------|----------|---------------|
| <b><i>English 10</i></b> | (01002) | Grade 10 | Credit 1 Unit |
|--------------------------|---------|----------|---------------|

Includes the study of various types of short stories, biographical sketches, poetry, and a novel. Students will participate in a writing workshop, which promotes individual growth and an understanding of the writing process. Literature will focus on short stories, novels, poetry and a play by Shakespeare. A regular vocabulary program is used.

|                          |         |          |               |
|--------------------------|---------|----------|---------------|
| <b><i>English 11</i></b> | (01003) | Grade 11 | Credit 1 Unit |
|--------------------------|---------|----------|---------------|

Students will study American authors of diaries, short stories, biographies, poetry, and drama. Instruction also includes writing the expository essay, with special emphasis on essay structure and paragraph subject-verb agreement, pronoun-antecedent agreement, correct word usage, and spelling. A regular vocabulary program is used. Students will also do a formal research paper. One novel per quarter individually and one per semester read in class, six total.

|                          |         |          |               |
|--------------------------|---------|----------|---------------|
| <b><i>English 12</i></b> | (01004) | Grade 12 | Credit 1 Unit |
|--------------------------|---------|----------|---------------|

This course involves writing and literature. Writing projects include writing a research paper and writing about literature as well as writing personal essays. Literature will focus on novels, short stories, poetry and a play by Shakespeare. A regular vocabulary program is used.

## **Mathematics**

|                         |         |            |               |
|-------------------------|---------|------------|---------------|
| <b><i>Algebra I</i></b> | (02052) | Grade 9-12 | Credit 1 Unit |
|-------------------------|---------|------------|---------------|

Students can expect to build a foundation of Algebraic fundamentals that will be built upon as they continue their career as a student. Core topics include solving simple and complex equations and inequalities, graphing linear and quadratic equations and inequalities, and manipulation of polynomials and exponential expressions. They will explore introductory levels of exponential functions and statistics as well.

|                          |         |             |               |
|--------------------------|---------|-------------|---------------|
| <b><i>Algebra II</i></b> | (02056) | Grade 10-12 | Credit 1 Unit |
|--------------------------|---------|-------------|---------------|

This course is designed for students wanting to continue their math skills into College Algebra. This course will take each student through all the concepts of quadratic functions and how to use them in any situation. They will also cover some finite and infinite series and review Trigonometry functions and use. Prerequisite: Geometry.

|                           |         |         |               |
|---------------------------|---------|---------|---------------|
| <b><i>Pre Algebra</i></b> | (02051) | Grade 9 | Credit 1 Unit |
|---------------------------|---------|---------|---------------|

Pre Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ration, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

|                        |         |          |               |
|------------------------|---------|----------|---------------|
| <b><i>Calculus</i></b> | (02021) | Grade 12 | Credit 1 Unit |
|------------------------|---------|----------|---------------|

This class is designed for students planning to take calculus in college. It will review pre-calculus and trigonometry and cover analytic geometry, limits, differentiation and integration. Prerequisite: College Algebra

|                        |         |            |               |
|------------------------|---------|------------|---------------|
| <b><i>Geometry</i></b> | (02072) | Grade 9-12 | Credit 1 Unit |
|------------------------|---------|------------|---------------|

This course covers the properties and deductive proofs of these properties of coplanar figures such as lines, angles, triangles, quadrilaterals, polygons, circles and etc. Also covered area, volume of solids, coordinate geometry concepts, and a unit on basic trigonometry. Prerequisite: Algebra I or equivalent

|                               |         |          |               |
|-------------------------------|---------|----------|---------------|
| <b><i>College Algebra</i></b> | (02057) | Grade 12 | Credit 1 Unit |
|-------------------------------|---------|----------|---------------|

This course will prepare and offer students the opportunity to complete 3 hours of College Algebra credit from FSCC during the Fall semester. Students must score a 22 on the Math portion of the ACT prior to August or will need to take a Math placement test at the college in order to enroll. Prerequisite: Algebra II

|                            |         |             |               |
|----------------------------|---------|-------------|---------------|
| <b><i>Trigonometry</i></b> | (02103) | Grade 11-12 | Credit 1 Unit |
|----------------------------|---------|-------------|---------------|

Trigonometry courses prepare student for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers.

|                                     |         |             |               |
|-------------------------------------|---------|-------------|---------------|
| <b><i>Elementary Statistics</i></b> | (02201) | Grade 11-12 | Credit 1 Unit |
|-------------------------------------|---------|-------------|---------------|

This course will cover basic concepts of probability and statistics. During this class, students will closely examine data analysis, probability, distributions, and sampling. This course may be taken for college credit through FSCC. Prerequisite: College Algebra

|   |         |             |               |
|---|---------|-------------|---------------|
| <b><i>Transition to College Algebra</i></b> | (02059) | Grade 11-12 | Credit 1 Unit |
|---|---------|-------------|---------------|

*Transition to College Algebra* is a one-year course to be delivered by the high school to seniors who will need College Algebra to meet their postsecondary goals, but require additional academic preparation to place into that course. It was developed by high school and two-year college math faculty, charged by the Board of Regents with creating a course to enable more graduating high school seniors to enroll in credit-bearing, college-level math courses when they start college. This course is designed to cover topics that students struggle with and give them a second look at those fundamental ideas. This course will help students that are wanting to go to college but are not strong in math be placed in a high level class, up to college algebra.

|                                    |         |             |               |
|------------------------------------|---------|-------------|---------------|
| <b><i>Consumer Mathematics</i></b> | (02157) | Grade 10-12 | Credit 1 Unit |
|------------------------------------|---------|-------------|---------------|

This course will reinforce general mathematics topics (such as arithmetic using rational numbers, measurement, ration and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income and investment. Prerequisite: PreAlgebra/Algebra, Geometry.

### **College Seeking Students - Recommended Courses:**

Each student wanting to continue onto college needs to take the following courses: 4 Math Credits

\* This will allow you to enter any Kansas State College or University\*

Freshmen: Algebra 1 or Geometry

Sophomore: Geometry or Algebra 2

Junior: Algebra 2 or College Algebra

Senior: College Algebra/Trigonometry OR Elementary Stats/Pre-Calculus

\*\*These courses could be in a different year if you took Algebra 1 as an 8th grader\*\*

### **Trade School/Certification Seeking Students**

Each student wanting to enter a trade school or get a certification needs to take the following courses: 3-4 math credits

Freshmen: Pre-Algebra or Algebra 1

Sophomore: Algebra 1 or Geometry

Junior: 3rd Math Credit of Algebra 2

\*\*\*Senior: Algebra 2 or College Algebra

## **Job Seeking Students**

Each student wanting to enter the work force after high school needs to take the following courses: 3-4 Math Credits

Freshmen: Pre-Algebra or Algebra 1

Sophomore: Algebra 1 or Geometry

Junior: 3rd Math Credit of Algebra 2

\*\*\*Senior: Algebra 2 or College Algebra

\*\*These courses could be in a different year\*\*

\*\*\*May not need this last credit but it is encouraged\*\*\*

## **Science**

|                                      |         |             |               |
|--------------------------------------|---------|-------------|---------------|
| <b><i>Anatomy and Physiology</i></b> | (03053) | Grade 11-12 | Credit 1 Unit |
|--------------------------------------|---------|-------------|---------------|

This is a very in depth look into the human body and it's various systems. This class includes a visit to see a cadaver. Requirements to enter this class are: 1) held a "B" average both semesters of Biology. 2) Must be able to work at an accelerated pace. We cover a lot of material in a short amount of time.

|                       |         |          |               |
|-----------------------|---------|----------|---------------|
| <b><i>Biology</i></b> | (03501) | Grade 10 | Credit 1 Unit |
|-----------------------|---------|----------|---------------|

The horizons of our knowledge of life in plants, animals and in ourselves should be raised and enlarged by the year's study of this subject material and it's associated laboratory work.  
Prerequisite: Physical Science

|                         |         |             |               |
|-------------------------|---------|-------------|---------------|
| <b><i>Chemistry</i></b> | (03101) | Grade 11-12 | Credit 1 Unit |
|-------------------------|---------|-------------|---------------|

Students will learn about the atom and its basic structural components. They will gain an understanding of how compounds are made and the nature of how chemical reactions occur. They will experience both theoretical and experimental applications of chemical reactions and energy flow within these reactions. This class is open to Juniors and Seniors with Biology as the prerequisite.

|                                   |         |             |               |
|-----------------------------------|---------|-------------|---------------|
| <b><i>Earth/Space Science</i></b> | (03001) | Grade 11-12 | Credit 1 Unit |
|-----------------------------------|---------|-------------|---------------|

This course will explore various topics is Earth, Life, and Physical Science, with an emphasis on Earth and Life Science issues that affect society and the Earth today. Prerequisites: Physical Science & Biology

|                                |         |         |               |
|--------------------------------|---------|---------|---------------|
| <b><i>Physical Science</i></b> | (03159) | Grade 9 | Credit 1 Unit |
|--------------------------------|---------|---------|---------------|

This is an introductory science with an emphasis placed on work/energy, Newton's laws, astronomy, states of matter, and atomic structure.

|                |         |             |               |
|----------------|---------|-------------|---------------|
| <b>Physics</b> | (03151) | Grade 11-12 | Credit 1 Unit |
|----------------|---------|-------------|---------------|

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses. This course will be an on-line course through Edgenuity with classroom teacher monitoring.

**Prerequisites:** Completion of physical science, biology and chemistry with at least a “C” average; Ability to work independently through an internet based curriculum.

### **SCIENCE CURRICULUM SEQUENTIAL COURSE OFFERINGS**

- 9th Physical Science
- 10th Biology
- 11th Chemistry, Physics, Anatomy and Physiology, Earth Science
- 12th Chemistry, Physics, Anatomy and Physiology

## **Social Science**

|                                |         |          |               |
|--------------------------------|---------|----------|---------------|
| <b><i>American History</i></b> | (04101) | Grade 10 | Credit 1 Unit |
|--------------------------------|---------|----------|---------------|

A study of selected topics of American Life, growth, economics and conflict from 1870 to present day.

|                                   |         |          |               |
|-----------------------------------|---------|----------|---------------|
| <b><i>American Government</i></b> | (04151) | Grade 11 | Credit 1 Unit |
|-----------------------------------|---------|----------|---------------|

A study of our Government's origin, its growth, its organization, its functional character on the federal, state and local level. The course will also include a comparative study of government systems. The student will also gain an understanding of citizenship within the framework of our government and its process, as emphasis will be on the necessary skills for productive participation in a democratic system.

|                               |         |             |               |
|-------------------------------|---------|-------------|---------------|
| <b><i>Current Affairs</i></b> | (04106) | Grade 10-12 | Credit 1 Unit |
|-------------------------------|---------|-------------|---------------|

This class is designed to help the student become more fully aware of what is occurring throughout the world. Emphasis is placed upon the major new stories of the world and these events are the basis for class discussion. The student will examine current local, national and global issues and problems. The student will research online media outlets, newspapers and other legitimate approved websites. Potential issues to be explored are: war, politics, media, globalization, environment, world resources, business, economy, money, Europe and foreign aid.

|                         |         |          |                 |
|-------------------------|---------|----------|-----------------|
| <b><i>Economics</i></b> | (04201) | Grade 12 | Credit 0.5 Unit |
|-------------------------|---------|----------|-----------------|

The course will involve a study of different economic systems and principles of each with an emphasis on the concepts and mechanisms of capitalism. Students will explore the intricacies of distribution and transfer of wealth, production, scarcity of resources, economic choices, trade relationships, and government roles in economics.

|   |         |          |                 |
|---|---------|----------|-----------------|
| <b><i>Consumer &amp; Personal Finance</i></b> | (22210) | Grade 12 | Credit 0.5 Unit |
|---|---------|----------|-----------------|

Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy. This is a graduation requirement for seniors.

|                             |         |         |               |
|-----------------------------|---------|---------|---------------|
| <b><i>World Studies</i></b> | (04051) | Grade 9 | Credit 1 Unit |
|-----------------------------|---------|---------|---------------|

A study of modern world history from 1300 C.E. to the fall of the Soviet Union. Students will focus on critical events, people, and turning points during this time period. The course will focus on the Renaissance and Reformation, Exploration and Expansion, Changes in Europe, Revolution and Reform, Industrial Revolution, Nationalism and Imperialism, The World at War, and the Cold War and Beyond.

# Art

|              |         |            |               |
|--------------|---------|------------|---------------|
| <b>Art I</b> | (05154) | Grade 9-12 | Credit 1 Unit |
|--------------|---------|------------|---------------|

This is a Foundational course based on the Elements and Principles of Design. In this course, beginning artists will learn how art is applied in the real world of design. Things like product, interior fashion, industrial and graphic design will be discussed and studied. Artistic skills will be taught at the basic and fundamental level. The instructor formulates all assignments created in class. Students will explore the topics listed above by drawing and using watercolor and building with clay. A field trip to a an Art Museum is desirable. Students cannot take another Art Class without taking this course first. This class does meet the Fine Arts requirement.

|               |         |             |               |
|---------------|---------|-------------|---------------|
| <b>Art II</b> | (05155) | Grade 10-12 | Credit 1 Unit |
|---------------|---------|-------------|---------------|

This course is a logical sequential step from a beginning class. Students will expand on prior knowledge gained from Art I. This class is slightly less structured toward teacher led and more toward student led. For example students will collaborate to decide parts of their assignments. There will be and introduction to the human form and portraits. Animal drawing will also begin, possibly taking a trip to a zoo for field study. Curriculum content in student work could include historical references because Art History will be covered. Students will engage these topics through drawing, painting, clay and other media. Prerequisite is Art I.

|                |         |             |               |
|----------------|---------|-------------|---------------|
| <b>Art III</b> | (05154) | Grade 10-12 | Credit 1 Unit |
|----------------|---------|-------------|---------------|

This course can be taken by any student with Art I and Art II already completed. Students need to consider that this course is more geared toward job professions. The art class will study jobs related to Art. This could include a trip to Branson to study the jobs of a ceramists, glassblowers and blacksmiths. This also means we will study Art Education where students will have the opportunity to teach Art to elementary students. Students will build on to their art skills and have more freedom when it comes to class projects.

|               |         |             |               |
|---------------|---------|-------------|---------------|
| <b>Art IV</b> | (05154) | Grade 11-12 | Credit 1 Unit |
|---------------|---------|-------------|---------------|

This class would be designed for students who may be considering Art as a profession in some way, but can be taken by any student who has completed Art I - Art III. The course is designed like an independent study class. Students are expected to learn how to build a portfolio of work, begin to develop their own style, create and determine their own projects with approval from the instructor and learn new processes on their own. There is a possibility for college visits and professionals to come speak to the class. Any student wanting to take this class needs to be self motivated, there will be 6-8 projects due for the school year.

|                    |         |            |               |
|--------------------|---------|------------|---------------|
| <b>Photography</b> | (05167) | Grade 9-12 | Credit 1 Unit |
|--------------------|---------|------------|---------------|

This class is broken into two parts. The first semester will be geared toward learning basic camera functions and proper shooting techniques. Basic photography assignments will help students learn both things listed above. The second semester will be more focused on how to use your photographs for different job venues, such as portrait, advertising, artistic, journalistic etc..... Students taking this class would be encouraged to try yearbook.

## Foreign Language

|                         |         |            |               |
|-------------------------|---------|------------|---------------|
| <b><i>Spanish I</i></b> | (06101) | Grade 9-12 | Credit 1 Unit |
|-------------------------|---------|------------|---------------|

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

|                          |         |             |               |
|--------------------------|---------|-------------|---------------|
| <b><i>Spanish II</i></b> | (06102) | Grade 10-12 | Credit 1 Unit |
|--------------------------|---------|-------------|---------------|

Spanish II is a continuation of Spanish I. It focuses on strengthening Grammar, Syntax, and vocabulary. It is more practice in the spoken language so that the students can read, write, speak and understand better and more fluently. Knowledge acquired in Spanish I is widely used for social and educational purposes. The student in Spanish II will be using Spanish frequently in areas of customary courtesies and conventions. Spanish II course will also expand culture and is explained through the art, literature, customs and history of Spanish speaking people.

|                           |         |             |               |
|---------------------------|---------|-------------|---------------|
| <b><i>Spanish III</i></b> | (06103) | Grade 10-12 | Credit 1 Unit |
|---------------------------|---------|-------------|---------------|

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

## Music

The Music Department offers an opportunity to develop a high degree of cooperation and personal discipline. Few subjects offer this chance for large group participation. The band performs at home football games, marches in parades and performs concerts in winter and spring. The choir performs at area schools, club meetings. Band and Choir letters are awarded on the basis of 100% attendance at all activities during the school year. The students in the music department present a Christmas and Spring Concert. They also participate in league and state music festivals. Students involved in band or vocal music will be expected to participate in all performances scheduled during the year.

|                    |         |            |               |
|--------------------|---------|------------|---------------|
| <b><i>Band</i></b> | (05101) | Grade 9-12 | Credit 1 Unit |
|--------------------|---------|------------|---------------|

The Jayhawk-Linn Band is a traditional point of pride for the school and our three communities as it performs at various parades and concerts.

|                               |         |            |               |
|-------------------------------|---------|------------|---------------|
| <b><i>Vocal Ensembles</i></b> | (05111) | Grade 9-12 | Credit 1 Unit |
|-------------------------------|---------|------------|---------------|

The choir at Jayhawk-Linn is multi-faceted. A lot of harmony and part singing as our concert choir performs "pop" and favorite hit songs, as well as serious choral literature.

|                                  |         |            |               |
|----------------------------------|---------|------------|---------------|
| <b><i>Music Appreciation</i></b> | (05118) | Grade 9-12 | Credit 1 Unit |
|----------------------------------|---------|------------|---------------|

Music Appreciation focuses specifically on the student's appreciation of music. This course will include an introduction to music theory, history, and other careers related to music. Students will discuss how instruments are created and even experiment with building their own instrument. The course is designed to help students explore the world of music and to develop and understanding of the importance of music in their lives.

## **Physical Education**

|                                  |         |         |               |
|----------------------------------|---------|---------|---------------|
| <b><i>Physical Education</i></b> | (08001) | Grade 9 | Credit 1 Unit |
|----------------------------------|---------|---------|---------------|

This class consists of group exercises, running, and walking to develop physical fitness. Portions of the class time are devoted to team and lifetime sports such as volleyball, softball, basketball, football, track, tumbling and badminton. Weight lifting is done twice a week. Health Education is done daily at the beginning of each hour. This is course is a graduation requirement.

|                           |         |             |               |
|---------------------------|---------|-------------|---------------|
| <b><i>Team Sports</i></b> | (08002) | Grade 10-12 | Credit 1 Unit |
|---------------------------|---------|-------------|---------------|

This class will provide students with knowledge, experience, and an opportunity to develop skills in various recreational fitness activities as well as weight and agility exercises with an emphasis on agility, muscular endurance, cardiovascular endurance, strength, power and flexibility. The class includes learning the history, rules and origins of most team sports. Prerequisite: Physical Education.

|                                |         |             |               |
|--------------------------------|---------|-------------|---------------|
| <b><i>Lifetime Fitness</i></b> | (08106) | Grade 10-12 | Credit 1 Unit |
|--------------------------------|---------|-------------|---------------|

This class is designed for the student who would like to develop a regular fitness routine, while learning about setting goals, achieving goals, and understanding long term fitness concepts. Fitness goals will be researched and executed, with emphasis placed on achieving specific goals. By enrolling in this course, the student understands that a regular fitness routine will be followed and as the semester progresses, goals will be assessed and re-evaluated. Nutrition will be examined and studied as well as many fitness and nutrition apps.

# **Agriculture Education**

*Students in all agricultural education classes are strongly encouraged to participate in FFA.*

|                            |         |          |               |
|----------------------------|---------|----------|---------------|
| <b><i>Agribusiness</i></b> | (18201) | Grade 12 | Credit 1 Unit |
|----------------------------|---------|----------|---------------|

*This course is designed to focus on the advanced areas of agribusiness, such as economics, business structure, marketing. Students will also spend a large share of the class time preparing them for life after high school through career research, job shadowing, filling out scholarship applications, job interviews, resume' writing, and salesmanship techniques.*

|                           |         |            |               |
|---------------------------|---------|------------|---------------|
| <b><i>Agriscience</i></b> | (18002) | Grade 9-12 | Credit 1 Unit |
|---------------------------|---------|------------|---------------|

This course is an introductory course for high school students interested in agriculture and the opportunities available. Agriscience provides numerous “hands on” opportunities in the classroom, as well as opportunity to become involved in FFA (a leadership organization for agricultural education students). Students will cover a wide variety Ag related topics and develop a basic understanding of the industry.

|                              |         |             |               |
|------------------------------|---------|-------------|---------------|
| <b><i>Animal Science</i></b> | (18101) | Grade 10-12 | Credit 1 Unit |
|------------------------------|---------|-------------|---------------|

This course covers the many facets of the livestock industry. Students will learn about production agriculture but will primarily focus on the science and business side of the animal industry. Areas covered include digestion, reproduction, genetics, evaluation, health, careers and many others, as they relate to the animals. Prerequisite: Agriscience\*

|                            |         |             |               |
|----------------------------|---------|-------------|---------------|
| <b><i>Horticulture</i></b> | (18052) | Grade 10-12 | Credit 1 Unit |
|----------------------------|---------|-------------|---------------|

With the use of the greenhouse, the classroom and the outdoors, the course will cover areas ranging from greenhouse management and botany, to landscaping and lawn care. This class is in the classroom about 60% of the time. The remaining 40% are spent in the greenhouse or outside. This “hands on” class is designed to give students a basic understanding of the horticultural industry and the opportunities in it. Prerequisite: Agriscience\*

|                                      |         |             |               |
|--------------------------------------|---------|-------------|---------------|
| <b><i>Plant and Soil Science</i></b> | (18058) | Grade 10-12 | Credit 1 Unit |
|--------------------------------------|---------|-------------|---------------|

This course covers botany, agronomy, soil fertility, business, range management, careers and other topics related to the plant industry. Students will understand some basics about crop production but will focus on the science and impact of the variety of agronomic plants that affect us. Agronomy is a large industry with numerous opportunities. Prerequisite: Agriscience\*

|                                      |         |             |               |
|--------------------------------------|---------|-------------|---------------|
| <b><i>Agricultural Mechanics</i></b> | (18401) | Grade 11-12 | Credit 1 Unit |
|--------------------------------------|---------|-------------|---------------|

Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will use scientific and mathematical application though relevant mechanical topics. In addition, students will complete numerous lab-based and project-based activities that will give them the opportunity to develop an understanding of the scientific process and increase hand-eye coordination and motor skills. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include electricity, small

engines, welding, and metal work, wood construction, and mechanical technology. Participation in FFA student organization activities, and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

|  |         |             |               |
|--|---------|-------------|---------------|
| <b><i>Agricultural Structures and Design</i></b> | (18403) | Grade 11-12 | Credit 1 Unit |
|--|---------|-------------|---------------|

This course prepares students to evaluate, design, and construct agricultural structures. Students learn to design, evaluate, and interpret construction plans and calculate a bill of materials. The skills learned in the Agricultural Mechanics course may be incorporated to construct an agricultural structure. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have an agricultural experience program. It is recommended that students complete the Agricultural Mechanics course prior to enrolling or see teacher approval.

|                                       |         |             |               |
|---------------------------------------|---------|-------------|---------------|
| <b><i>Advanced Animal Science</i></b> | (18103) | Grade 11-12 | Credit 1 Unit |
|---------------------------------------|---------|-------------|---------------|

This course is an in depth science course in the area of Animal Science. This course requires a minimum of a 40% laboratory and fieldwork. Students will use the scientific method to solve problems related to the animal science industry. Students will learn the science side of animal reproduction, genetics, anatomy and physiology, animal feeds and feeding animals, and diseases and parasites. This course also outlines evaluation of market classes of livestock, the harvesting process, and the fabrication process. Students will also learn the impact of biotechnology and issues surrounding animal welfare.

|                                      |         |             |               |
|--------------------------------------|---------|-------------|---------------|
| <b><i>Agriculture Processing</i></b> | (18302) | Grade 11-12 | Credit 1 Unit |
|--------------------------------------|---------|-------------|---------------|

Agricultural Processing will cover the knowledge and skills needed to bring animal and plant products to market. The class will cover a wide variety of topics, including care and maintenance of animals or plants, quality selection and preservation, equipment care and sanitation, government regulations, and marketing and consumer trends. Agricultural Processing courses may present an overview of agricultural processing or may specialize in particular types of products. Prerequisite: Agriscience & Animal Science

|  |         |             |               |
|--|---------|-------------|---------------|
| <b><i>Natural Resources Management</i></b> | (18504) | Grade 11-12 | Credit 1 Unit |
|--|---------|-------------|---------------|

*Natural Resources Management will combine 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 resource management. These courses usually cover specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation, and human outdoor recreation. Prerequisite: Agriscience*

|                               |         |             |               |
|-------------------------------|---------|-------------|---------------|
| <b>Agriculture Leadership</b> | (18203) | Grade 10-12 | Credit 1 Unit |
|-------------------------------|---------|-------------|---------------|

*Agriculture Leadership will help students develop leadership skills with a focus on opportunities in the food, fiber and natural resources industries. Topics may include but are not limited to human relationships and effective communication, decision-making and problem solving, leadership qualities and styles, and ensuring successful completion of group activities. This class is open to students holding FFA leadership positions.*

## **Audio/Video Communications.**

|   |         |             |               |
|---|---------|-------------|---------------|
| <b><i>Digital Media Design and Production</i></b> | (30151) | Grade 10-12 | Credit 1 Unit |
|---|---------|-------------|---------------|

Digital Media Design and Production will provide students with the opportunity to apply the fundamental techniques learned in Digital Media Technology course through the production of a multi-media project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles and embedding audio, video or other content in digital formats. This course will produce the yearbook.

|   |         |            |               |
|---|---------|------------|---------------|
| <b><i>Audio/Video Production Fundamentals</i></b> | (30103) | Grade 9-12 | Credit 1 Unit |
|---|---------|------------|---------------|

Audio Video Production Fundamentals provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production and post-production process, as well as explore the equipment and techniques used to develop a quality video production.

|                                |         |             |               |
|--------------------------------|---------|-------------|---------------|
| <b><i>Video Production</i></b> | (30150) | Grade 10-12 | Credit 1 Unit |
|--------------------------------|---------|-------------|---------------|

Video Production applies the technical skills learned in Audio Video Production Fundamentals by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways, but must address an authentic need. The complexity of the presentation is not the focus of the course, but the experience of the entire process in, to include planning the presentation, setting up the studio, acting as videographer and editor to make it fluid and seamless. Prerequisite: Audio/Video Production Fundamentals

## **Web and Digital**

|                              |         |            |               |
|------------------------------|---------|------------|---------------|
| <b><i>Graphic Design</i></b> | (05162) | Grade 9-12 | Credit 1 Unit |
|------------------------------|---------|------------|---------------|

The Graphic Design course emphasizes design elements and principles in the purposeful arrangement of images and text to communicate a message. It focuses on creating art products such as advertisements, product designs, and identity symbols.

|   |         |             |               |
|---|---------|-------------|---------------|
| <b><i>Graphic Design Project Management</i></b> | (31090) | Grade 10-12 | Credit 1 Unit |
|---|---------|-------------|---------------|

This course will utilize the skills learned in graphic design and apply them to a setting representative of a business. The competencies will reflect a work environment, workplace experience, and the essential skills addressed reflective of previous coursework. Projects will be completed utilizing all steps of a production environment. The ultimate goal is to create a school store using these skills for various products. Prerequisite: Graphic Design.

|                                     |         |            |               |
|-------------------------------------|---------|------------|---------------|
| <b><i>Computer Applications</i></b> | (60004) | Grade 9-12 | Credit 1 Unit |
|-------------------------------------|---------|------------|---------------|

In this course students will acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they also cover the use of electronic mail and desktop publishing.

## **Business Department**

|                                   |         |            |                |
|-----------------------------------|---------|------------|----------------|
| <b><i>Business Essentials</i></b> | (12050) | Grade 9-12 | Credit .5 Unit |
|-----------------------------------|---------|------------|----------------|

This course is designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop and understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they will interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethics and social responsibilities.

|  |         |             |                |
|--|---------|-------------|----------------|
| <b><i>Introduction to Entrepreneurship</i></b> | (12053) | Grade 10-12 | Credit .5 Unit |
|--|---------|-------------|----------------|

This one-semester course teaches the key skills and concepts students need to know to plan and launch a business. Students learn about real-life teen entrepreneurs; characteristics of successful entrepreneurs; how to attract investors and manage expenses; sales stages, planning, and budgeting; how to generate business ideas and create a business plan; and how to promote and market a company. Topics include exploring factors of business success and failure, economic systems, competition,

production, costs and pricing, accounting, bookkeeping and financial reporting, working with others, and successfully managing employees. Course content will be completed on-line through Edgenuity with classroom teacher monitoring. The course will also include business career speakers and field trips.

## **Family and Consumer Sciences (FACS)**

|  |         |          |               |
|--|---------|----------|---------------|
| <b><i>Career and Community Connections</i></b> | (22250) | Grade 12 | Credit 1 Unit |
|--|---------|----------|---------------|

This is an application level course for the learner to apply skills in a professional learning experience, unpaid or paid, outside or within the school environment. This course will allow learners to focus on career related topics, team building and effectiveness in the world of work, and acquiring job-seeking skills and retention needed to advance within the workplace.

|                                       |         |            |                 |
|---------------------------------------|---------|------------|-----------------|
| <b><i>Clothing (2nd Semester)</i></b> | (22205) | Grade 9-12 | Credit 0.5 Unit |
|---------------------------------------|---------|------------|-----------------|

Clothing is the basic introduction of clothing history, color wheels including hues, shades and tints, along with intensity values. Throughout this semester you will not only be learning facts about clothing you will also be constructing a clothing project along with making a quilt. Emphasis will be placed upon choices of clothing and why we choose what we do. There will be items that will be purchased at the cost of the student and not provided by the school. These items must be purchased and available when that time of the project is ready to begin.

|  |         |            |                 |
|--|---------|------------|-----------------|
| <b><i>Human Growth and Development</i></b> | (45004) | Grade 9-12 | Credit 0.5 Unit |
|--|---------|------------|-----------------|

Human Growth and Development provide students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.

|                          |         |             |               |
|--------------------------|---------|-------------|---------------|
| <b><i>Leadership</i></b> | (22101) | Grade 10-12 | Credit 1 Unit |
|--------------------------|---------|-------------|---------------|

This course is to develop critical and reflective thinking abilities, exhibit responsible decision-making and personal accountability. It will increase the ability to work effectively with those individuals different from themselves. Demonstrate an understanding of group dynamics and effective teamwork. Develop a range of leadership skills and abilities such as effectively leading change, resolving conflict and motivating others and to cultivate a sense of self - awareness.

|                                      |         |            |               |
|--------------------------------------|---------|------------|---------------|
| <b><i>Nutrition and Wellness</i></b> | (08057) | Grade 9-12 | Credit 1 Unit |
|--------------------------------------|---------|------------|---------------|

Nutrition and Wellness explores the relationship of basic nutrition and wellness across the lifespan. It includes an in-depth look at special dietary needs, regulations, technology and the global impact on nutrition and food choices. How to make wise nutritional and wellness choices to develop a healthy self will be a major component of this course as well as an introduction to the occupations related to the field.

|  |         |              |               |
|--|---------|--------------|---------------|
| <b><i>Career Exploration, Planning &amp; Development</i></b> | (22151) | Grades 10-11 | Credit 1 Unit |
|--|---------|--------------|---------------|

This course prepares students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skill demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. This course will also provide students with the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. Students will create a career portfolio. Course content will be on-line through Edgenuity with classroom teacher monitoring. The course will also include career guest speakers, college/university/vocational school speakers as well as career-oriented field trips.

|                                   |         |             |               |
|-----------------------------------|---------|-------------|---------------|
| <b><i>Teaching Profession</i></b> | (19151) | Grade 11-12 | Credit 1 Unit |
|-----------------------------------|---------|-------------|---------------|

This course will introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. This course will expose students to and train 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. Prerequisite: Human Growth & Development.

## **Industrial Technology Education**

|  |         |         |               |
|--|---------|---------|---------------|
| <b><i>Cabinetmaking &amp; Furniture Design</i></b> | (17007) | Grade 9 | Credit 1 Unit |
|--|---------|---------|---------------|

Cabinet making courses 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. Initial topics may resemble those taught in Woodworking courses; more advanced topics may include how to install plastic laminates on surfaces and how to apply spray finishes.

|                                       |         |          |               |
|---------------------------------------|---------|----------|---------------|
| <b><i>Residential Carpentry I</i></b> | (17002) | Grade 10 | Credit 1 Unit |
|---------------------------------------|---------|----------|---------------|

Construction-Comprehensive courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces and providing maintenance.

|  |         |          |               |
|--|---------|----------|---------------|
| <b><i>Residential Carpentry II</i></b> | (38002) | Grade 11 | Credit 1 Unit |
|--|---------|----------|---------------|

Construction-Comprehensive courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

|                         |  |         |               |
|-------------------------|--|---------|---------------|
| <b><i>Welding I</i></b> |  | Grade 9 | Credit 1 Unit |
|-------------------------|--|---------|---------------|

Welding courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills (engines, power, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; and introduction or review of electricity and power; and safety procedures.

|                          |         |          |               |
|--------------------------|---------|----------|---------------|
| <b><i>Welding II</i></b> | (18407) | Grade 10 | Credit 1 Unit |
|--------------------------|---------|----------|---------------|

Welding courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills (engines, power, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; and introduction or review of electricity and power; and safety procedures.

|                           |         |          |               |
|---------------------------|---------|----------|---------------|
| <b><i>Welding III</i></b> | (18408) | Grade 11 | Credit 1 Unit |
|---------------------------|---------|----------|---------------|

Welding courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills (engines, power, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; and introduction or review of electricity and power; and safety procedures.

## **Miscellaneous Classes**

|                                   |         |          |               |
|-----------------------------------|---------|----------|---------------|
| <b><i>Academic Enrichment</i></b> | (22001) | Grade 12 | Credit 1 Unit |
|-----------------------------------|---------|----------|---------------|

This course will provide college bound students with the guidance, support, tools, and resources to successfully navigate the college selection, application, and essay process as well as the financial aid/scholarship process. Units will include career exploration, college exploration, college selection, college application completion, standardized test prep, essay writing, community service opportunities, leadership skills, scholarship searches, and scholarship application completion. Guest speakers and college campus field trips will be included.

|                                   |         |          |               |
|-----------------------------------|---------|----------|---------------|
| <b><i>Independent Studies</i></b> | (22997) | Grade 12 | Credit 1 Unit |
|-----------------------------------|---------|----------|---------------|

Independent Study course typically organized with a teacher or outside professional as a mentor. This course enables students to conduct investigations related to their field of interests.

|                            |         |          |               |
|----------------------------|---------|----------|---------------|
| <b><i>Teacher Aide</i></b> | (22051) | Grade 12 | Credit 1 Unit |
|----------------------------|---------|----------|---------------|

Students work with an assigned instructor one period of the day. Coursework might include general duties such as inventory, grading, copying, collecting resources, etc... In order to qualify for this course, students must submit application and receive administrative and instructor approval. Students seeking approval must be in their Senior year and have at least a 2.0 GPA. Students must also be in good standing as students at Jayhawk-Linn in accordance with attendance and behavior policies. This is a pass/fail class.