

usd346.org

JAYHAWK-LINN

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COURSE GUIDE

2025-2026

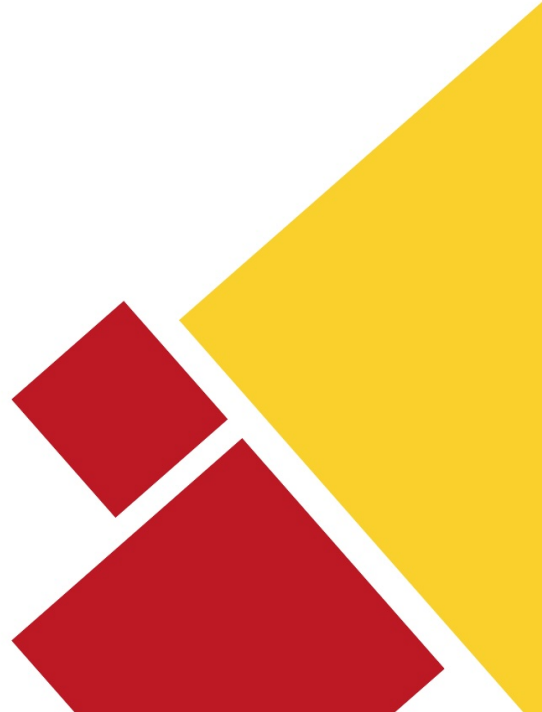


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Jayhawk USD #346 does not discriminate on the basis of race, color, national origin, sex, disability, age, or genetic information in its programs and activities.

*The Superintendent of Schools, 414 S 5th Street, Mound City, KS 66056 (913-795-2247)
has been designated to handle inquiries regarding non-discrimination policies.*

Guidebook Purpose

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 changes his/her 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. We want you to make wise decisions that will not only allow you to explore your interests but also help prepare you for your future career. Students 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. You should give considerable thought to what courses you take in high school.

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 will be extremely difficult to make after the master schedule is built upon your Spring choices.

Schedule Change Policy

First semester student initiated changes need to be completed by 4:00 p.m. on Monday, August 18, 2025. Second semester student initiated changes need to be completed by 4:00 p.m. on Thursday, January 8, 2026.

Students may submit request for schedule changes at the following link: <http://goo.gl/aj3m04>

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 freshmen year- all other students may enroll in college courses in grades 10-12. Students are required to pay FSCC for the courses taken. See your counselor for planning and enrollment information.

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. Coursework may be designed for the individual who could benefit from such a program.

Hawk Learning Project

JLHS does offer an alternative setting for students who are behind on graduation credits. This is staff monitored Edgenuity credit recovery courses with specifically designed guidelines. See or contact the school counselor for more information.

Graduation Requirements (24 Units) for Class of 2026 & 2027

- I. **Four units** of English (English 9,10,11,12 and/or English Composition 9, 10, 11, 12)
- II. **Four units** of Social Studies (World Studies- grade 9; American History- grade 10; American Government- grade 11; Economics & Consumer Economics/ Personal Finance- grade12)
- III. **Three units** of Science (Physical Science- grade 9; Biology- grade 10; Chemistry, Earth Science, or Anatomy & Physiology- grade 11)
- IV. **Three units** of Mathematics
- V. **One unit** of Physical Education
- VI. **One unit** of Fine Arts (Art I, band, vocal, graphic design, digital media production)
- VII. **Eight units** of Elective credits

Graduation Requirements (24 Units) for Class of 2028 and beyond

- I. **4 units** of **COMMUNICATION** credit (3.5 English credits with .5 Speech credit)
- II. **4.5 units** of **SOCIETY & HUMANITIES** credit
 - A. 3.5 Social Science- World History, US History, US Government, Economics (.5)
 - B. 1 Fine Art- Art 1, Band, Choir, Graphic Design, Digital Media Production
- III. **7 units** of **STEM** credits
 - A. 3 Math- Must include Algebraic & Geometric Concepts
 - B. 3 Science- Must include Physical Science, Biology, Chemistry or Earth Science- 1 unit of lab science
 - C. 1 Stem Elective- Computer Science, Advanced Math, Advanced Science, Advanced CTE courses, Advanced Technology, STARS courses
- IV. **8.5 units** of **EMPLOYABILITY & LIFE SKILLS**
 - A. .5 Physical Education
 - B. .5 Health
 - C. .5 Financial Literacy
 - D. 7 Electives driven by Individual Plan of Study

- PLUS-** The completion of at least 2 Postsecondary Assets-
- Community Service Hours- minimum of 40 hours
 - Client-centered Projects
 - Workplace Learning directly related to student IPS
 - Industry-recognized certifications
 - ACT Composite score of 21 or higher (Superscore counts)
 - SAT score (1200 or higher)
 - WorkKeys Level certificate (Silver or higher)
 - 9+ college hours (includes Dual Enrollment Courses)
 - State Assessment scores of 3 or 4 on Math, ELA, and/or Science
 - Board of Regents Curriculum completer
 - 2 or more high school athletics and/or activities
 - 4-H Kansas Key Award
 - Eagle Scout
 - Gold Scout
 - ASVAB per requirements of military branch selected
 - CTE Scholar

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 which will include GPA & test score requirements.

Division I Academic Eligibility

To be eligible to compete in NCAA sports during your first year at a Division I school, you must meet ALL the following requirements:

- *Earn 16 NCAA-approved [core-course credits](#):*
 - *Four years of English.*
 - *Three years of math (Algebra 1 or higher).*
 - *Two years of science (including one year of lab, if offered).*
 - *One additional year of English, math or science.*
 - *Two years of social science.*
 - *Four additional years of English, math, science, social science, world language or d religion/philosophy.*
- *Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester.*
- *Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade.*
- *Earn a minimum 2.3 core-course GPA.*
- *Submit your final transcript with proof of graduation to the Eligibility Center.*

Division II Academic Eligibility

To be eligible to compete in NCAA sports during your first year at a Division II school, you must meet ALL the following requirements:

- *Earn 16 NCAA-approved core-course credits:*
 - *Three years of English.*
 - *Two years of math (Algebra 1 or higher).*
 - *Two years of science (including one year of lab, if offered).*
 - *Three additional years of English, math or science.*
 - *Two years of social science.*
 - *Four additional years of English, math, science, social science, world language or nondoctrinal religion/philosophy.*
- *Earn a minimum 2.2 core-course GPA.*
- *Submit your final transcript with proof of graduation to the Eligibility Center.*

Kansas Qualified Admissions

High School Graduates Academic Year 2022-2023 and After

The six state universities in Kansas--Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University--use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.

ACCREDITED HIGH SCHOOL

Freshman applicants, under the age of 21, who graduate from an accredited high school, will be guaranteed admission to six state universities by meeting the Qualified Admissions requirements designated by each university, as follows:

ESU, PSU, FHSU, & WSU:

- Cumulative High School GPA 2.25+ or ACT 21+ (SAT 1060)*

K-State:

- Cumulative High School GPA 3.25+ or ACT 21+ (SAT 1060)*

KU:

- Cumulative High School GPA 3.25+
OR Cumulative GPA 2.0+ and ACT 21+ (SAT 1060)*

ALL Institutions Require:

- Cumulative GPA 2.0+ for College Credits earned in High School

KANSAS SCHOLARS CURRICULUM IS *RECOMMENDED BUT NOT REQUIRED*: To best prepare for the rigor of college-level courses, the Kansas Scholars curriculum is recommended.

One unit is equivalent to one year, or two semesters:

4 Units English

4 Units Math

1 unit of each:
Algebra 1, Geometry,
Algebra II
1 unit: Advanced Math
See [KS Scholars page](#)
For Math course list

3 Units Science

1 unit of each:
Biology, Chemistry, &
Physics

3 Units Social Science

1 unit U.S. History
.5 unit U.S. Gov
.5 unit World History
1 unit: Social Science course
See [KS Scholars Page](#) for
Social Science course list

2 Units Foreign Language

2 units of the same language

KANSAS SCHOLARS Program: More information about the Kansas Scholars Scholarship & Curriculum can be found [here](#) (pdf).

***If you do not meet the qualified admission requirements, you are still encouraged to apply. Your application will be reviewed individually. Contact the university admissions office for more information.**

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: www.kansasregents.org/qualified_admissions_rules_regulations. December 2022

Kansas Scholars Curriculum

Completion of the KANSAS SCHOLARS CURRICULUM is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

What is the benefit of completing the Kansas Scholars Curriculum?

- Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature.
- The academic profile of recent scholars include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

To be considered a Kansas Scholar, you must complete all the required courses:

English	4 units
Biology	1 unit
Chemistry	1 unit
Physics	1 unit
Algebra 1	1 unit
Geometry	1 unit
Algebra II	1 unit
College Algebra	.5 unit
Trigonometry	.5 unit
Social Science	3 units
Foreign Language	2 units in one language
Algebra I	8th grade accepted

Jayhawk-Linn High School Course Descriptions

Language Arts

English Composition 12	01103	Grade 12	Credit 1 Unit
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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 meet the following FSCC placement guidelines before enrollment into the course for college credit

- ACT Reading & English Score: 18 **OR**
- SAT Reading & Writing Score: 500 **OR**
- Accuplacer Reading & Writing Score: 255 **OR**
- High School GPA: 3.0 high school cumulative unweighted GPA after 5 or more semesters **OR**
- ACT and Course Grade: 16 AND B or higher (not B-) in most recent English course **OR**
- High School GPA & Course Grade: 2.7 Cumulative unweighted GPA after 5 or more semester AND B or higher (not B-) in most recent high school English course

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. **Prerequisite: Successful completion of English Composition 11 with a “C” or above.**

English Composition 11	01102	Grade 11	Credit 1 Unit
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Students enrolling in the English Composition course build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English Composition 11 course will emphasize college or business preparation; literature study will be offered as an additional component in which students analyze examples of several genres. **This course is for college-bound juniors and is the required preparatory course for enrollment in the English Composition 12 course.**

English Composition 10	01101	Grade 10	Credit .5 Unit
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Students enrolling in the English Composition 10 course build upon previous writing skills. This course seeks to develop the writing processes and practices necessary for producing successful high school compositions. Students typically learn to write persuasive, critical, and creative multi-paragraph essays and compositions. While emphasizing composition, these courses also incorporate some literature study to expose students to exemplary illustrations of various forms of writing. This course is designed for college-bound sophomores.

English Composition 9	01101	Grade 9	Credit 1 Unit
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Students enrolling in the English Composition 9 course build upon previous writing skills. This course seeks to develop the writing processes and practices necessary for producing successful high school compositions. Students typically learn to write persuasive, critical, and creative multi-paragraph essays and compositions. While emphasizing composition, these courses also incorporate some literature study to expose students to exemplary illustrations of various forms of writing. This course is designed for college-bound freshmen.

English 09	01001	Grade 9	Credit 1 Unit
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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). This course is designed for freshmen on a career/technical pathway.

English 10	01002	Grade 10	Credit .5 Unit
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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. This course is designed for sophomores on a career/technical pathway.

English 11	01003	Grade 11	Credit 1 Unit
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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. This course is designed for juniors on a career/technical pathway.

English 12	01004	Grade 12	Credit 1 Unit
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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. This course is designed for seniors on a career/technical pathway.

Speech	01155	Grade 10	Credit .5 Unit
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Communications courses focus on the application of written and oral communication skills through a variety of formal and informal experiences. The courses are performance-based and emphasize effective interpersonal and team-building skills. Communications courses may also involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices.

Mathematics

<i>Pre Algebra</i>	02051	Grades 9-12	Credit 1 unit
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Pre Algebra increases students' foundational math skills and prepares 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.

<i>Principles of Algebra and Geometry</i>	02074	Grade 9-12	Credit 1 Unit
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Principles of Algebra and Geometry courses combine the study of some pre-algebra and algebra topics with introductory geometry topics. These courses include the study of formulas, algebraic expressions, first degree equations and inequalities, the rectangular coordinate system, area, perimeter, and volume of geometric figures and properties of triangles and circles. *Teacher approval required for enrollment.*

<i>Algebra I</i>	02052	Grade 9-12	Credit 1 Unit
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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.

<i>Algebra I- Part A</i>	02053	Grade 9-12	Credit 1 Unit
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This is Part A of a two year Algebra course. This course will cover the same topics as the first semester of Algebra I, including the study of properties of rational numbers, ratio, proportion, and estimation, exponents, and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first degree equations and inequalities. *Teacher approval required for enrollment.*

<i>Algebra I- Part B</i>	02054	Grade 9-12	Credit 1 Unit
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This is Part B of a two year Algebra course. The course will cover the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics. *Teacher approval required for enrollment.*

<i>Geometry</i>	02072	Grade 9-12	Credit 1 Unit
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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 covers area, volume of solids, coordinate geometry concepts, and a unit on basic trigonometry. Prerequisite: Algebra I

<i>Algebra II</i>	02056	Grade 10-12	Credit 1 Unit
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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*

Transition to College Algebra	02059	Grade 11-12	Credit 1 Unit
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Transition to College Algebra is a one-year course to be delivered by the high school to juniors and 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 to be placed in a high level class, up to college algebra. *Prerequisite: Algebra II*

College Algebra	02057	Grade 11-12	Credit .5 Unit
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This course will prepare and offer students the opportunity to complete 3 hours of College Algebra credit from FSCC if they choose to pay the tuition fee from FSCC. *Prerequisite: Algebra II*

Students must meet the following FSCC placement guidelines before enrollment into the course for college credit

- ACT Math score 22 **OR**
- SAT Math: 540 **OR**
- Accuplacer QAS: 263 **OR**
- High School GPA and Course Grade: 3.25 or higher cumulative GPA and B- or higher in second semester Algebra 2

Trigonometry	02103	Grade 11-12	Credit .5
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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. This course may be taken for college credit through FSCC. *Prerequisite: College Algebra*

Probability and Statistics	02201	Grade 11-12	Credit .5 Unit
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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*

Calculus	02121	Grade 12	Credit 1 Unit
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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 & Trigonometry*

Technical Mathematics	02153	Grade 11-12	Credit 1 Unit
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Technical Mathematics courses extend students' proficiency in mathematics, and often apply these skills to technical and/or industrial situations and problems. Technical Mathematics topics may include but are not limited to rational numbers; systems of measurements; tolerances; numerical languages; geometry; algebra; statistics; and using tables, graphs, charts, and other data displays. Technology is integrated as appropriate. *Prerequisite: PreAlgebra/Algebra, Geometry.*

Science

Anatomy and Physiology	03053	Grade 11-12	Credit 1 Unit
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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. Recommendations for enrolling in this class- 1) Have 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. *Prerequisites: Physical Science, Biology*

Biology	03501	Grade 10	Credit 1 Unit
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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 its associated laboratory work. *Prerequisite: Physical Science*

Chemistry	03101	Grade 11-12	Credit 1 Unit
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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. *Prerequisites: Completion of physical science, biology and Algebra II with at least a "C" average.*

Earth Science	03001	Grade 11-12	Credit 1 Unit
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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*

Physical Science	03159	Grade 9	Credit 1 Unit
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This is an introductory science with an emphasis placed on work/energy, Newton's laws, states of matter, and atomic structure.

Physics	03151	Grade 11-12	Credit 1 Unit
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This 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. *Prerequisites: Completion of physical science, biology and chemistry with at least a "C" average*

Social Science

<i>American History</i>	04101	Grade 10	Credit 1 Unit
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A study of selected topics of American Life, growth, economics and conflict from 1870 to present day.

<i>American Government</i>	04151	Grade 11	Credit 1 Unit
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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.

<i>Current Affairs</i>	04106	Grade 9-12	Credit 1 Unit
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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.

<i>Economics</i>	04201	Grade 12	Credit .5 Unit
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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.

<i>Financial Literacy</i>	22990	Grade 12	Credit .5 Unit
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Financial Literacy course provides students with an understanding of the concepts, principles and skills involved in making and applying sound financial decisions. This course emphasizes earning income, spending, saving, investing, managing credit, and managing risk.

<i>World Studies</i>	04051	Grade 9	Credit 1 Unit
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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

Art 1	05154	Grade 9-12	Credit 1 Unit
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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 an art museum is desirable. Students cannot take another art class without taking this course first. **This class does meet the Fine Arts graduation requirement.**

Art 2	05155	Grade 10-12	Credit 1 Unit
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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 an 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: Art 1

Art 3	05154	Grade 11-12	Credit 1 Unit
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This course can be taken by any student with Art 1 and Art 2 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. **Prerequisite: Art 2**

Art 4	05154	Grade 12	Credit 1 Unit
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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 1 - Art 3. 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. **Prerequisite: Art 3**

World Language

Spanish 1	06101	Grade 9-12	Credit 1 Unit
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Designed to introduce students to Spanish language and culture, Spanish 1 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.

Spanish 2	06102	Grade 10-12	Credit 1 Unit
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Spanish 2 is a continuation of Spanish 1. 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 1 is widely used for social and educational purposes. The student in Spanish 2 will be using Spanish frequently in areas of customary courtesies and conventions. Spanish 2 course will also expand culture and is explained through the art, literature, customs and history of Spanish speaking people. *Prerequisite: Spanish 1("C" and above)*

Spanish 3	06103	Grade 11-12	Credit 1 Unit
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Spanish 3 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. *Prerequisite: Spanish 2 ("C" and above)*

Spanish 4	06104	Grade 12	Credit 1 Unit
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Spanish 4 is a yearlong course that encompasses the fourth level of studies in the Spanish language. The course expands the students' knowledge of the Spanish language through the Kansas Foreign Language Standards: Communication, Cultures, Connections, Comparisons and Communities. Students will expand their vocabulary on many topics as well as review and fine-tune grammatical concepts and verb tenses that were previously learned in Spanish levels 1-3. Students will improve their literacy of the Spanish language with the use of several short story texts. Students will also improve upon their writing skills with the use of a weekly journal entry. Students are expected to communicate in Spanish as much as possible. *Prerequisite: Spanish 3 ("C" and above)*

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.

<i>Band</i>	05101	Grade 9-12	Credit 1 Unit
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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. **This course meets the Fine Arts graduation requirement.**

<i>Vocal Ensembles</i>	05111	Grade 9-12	Credit 1 Unit
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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. **This course meets the Fine Arts graduation requirement.**

<i>Music Appreciation</i>	05118	Grade 9-12	Credit 1 Unit
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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

<i>Physical Education</i>	08001	Grade 9	Credit .05 Unit
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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. **This course meets the Physical Education graduation requirement.**

<i>Health Education</i>	08051	Grade 9	Credit .5 Unit
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Topics covered within health education courses may vary widely, but typically include personal health (nutrition, mental health, and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The course may also include brief studies of environmental health, personal development, and/or community resources. **This course meets the Health graduation requirement.**

<i>Team Sports</i>	08002	Grade 10-12	Credit 1 Unit
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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.**

<i>Lifetime Fitness</i>	08106	Grade 10-12	Credit 1 Unit
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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. **Prerequisite: Physical Education.**

<i>Weight Training</i>	08009	Grades 10-12	Credit .5 unit
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Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy, conditioning, and nutrition. **Prerequisite: Physical Education.**

Diversified Agricultural Science Pathway

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

<i>Agriscience</i>	18002	Grades 9-12	Credit 1 Unit
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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. *This is the first agriculture class students enroll in.*

<i>Welding 1</i>	39207	Grade 9-12	Credit 1 Unit
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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.

<i>Plant and Animal Science</i>	18301	Grades 10-12	Credit 1 Unit
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Agricultural Production courses combine content related to animal and plant production, providing comprehensive coverage of the production functions of the agricultural industry. These courses typically cover such topics as care and management of farm animals, crop production and harvesting, plant and animal insect and disease control, efficient resource management, and farm management.

Prerequisite: Agriscience

<i>Agriculture Mechanics/ Equipment/Structures</i>	18401	Grades 10-12	Credit 1 Unit
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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.

Prerequisite: Agriscience

<i>Agriculture Leadership</i>	18203	Grades 11-12	Credit 1 Unit
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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. affect us. *Prerequisite: Agriscience*

Horticulture	18052	Grades 11-12	Credit 1 Unit
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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

Natural Resources Management	18504	Grade 11-12	Credit 1 Unit
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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

Agriculture Processing (Adv. Animal and Plant Science)	18302	Grades 11-12	Credit 1 Unit
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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 & Plant and Animal Science*

Agribusiness and Careers	18201	Grade 12	Credit 1 Unit
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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. *Prerequisite: Agriscience*

Agricultural Technology and Mechanical Systems Pathway

<i>Agriscience</i>	18002	Grades 9-12	Credit 1 Unit
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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 of Ag related topics and develop a basic understanding of the industry.

<i>Agriculture Leadership</i>	18203	Grades 11-12	Credit 1 Unit
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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. *Prerequisite: Agriscience*

<i>Agriculture Mechanics/ Equipment/Structures</i>	18401	Grades 10-12	Credit 1 Unit
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Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will use scientific and mathematical application through 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.

Prerequisite: Agriscience

<i>Welding 1</i>	39207	Grade 9-12	Credit 1 Unit
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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.

<i>Welding II</i>	39208	Grade 10-12	Credit 1 Unit
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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. *Prerequisite: Welding I*

<i>Agribusiness and Careers</i>	18201	Grade 12	Credit 1 Unit
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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. *Prerequisite: Agriscience*

Construction and Design Pathway

<i>Cabinetmaking</i>	17007	Grades 9-12	Credit 1 Unit
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Cabinetmaking 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.

<i>Residential Carpentry I</i>	17002	Grades 10-12	Credit 1 Unit
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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. *Prerequisite; Cabinetmaking & Furniture Design*

<i>Residential Carpentry II</i>	38002	Grades 11-12	Credit 1 Unit
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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. *Prerequisite; Residential Carpentry I*

Media Design and Communications Pathway

<i>Digital Media Design and Production</i>	30151	Grade 9-12	Credit 1 Unit
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Digital Media Design and Production will provide students with the opportunity to apply the fundamental techniques. 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. **This course meets the Fine Arts graduation requirement**

<i>Graphic Design</i>	05162	Grade 9-12	Credit 1 Unit
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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. **This course meets the Fine Arts requirement for graduation.**

<i>Photo Imaging</i>	30105	Grade 9-12	Credit 1 Unit
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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. This course meets the Fine Arts graduation requirement, all students that took this course in 24/25 school year would earn Fine Arts credit.**

<i>Graphic Design Project Management</i>	31090	Grade 10-12	Credit 1 Unit
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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**

<i>Digital Media Project Management (yearbook)</i>	31091	Grade 10-12	Credit 1 Unit
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This course gives students an opportunity to apply the skills obtained in technical level digital media courses in a project-oriented environment. Local Education Agencies are encouraged to develop Personalized Learning coursework representative of explicit objectives measured against specific target employment skills that are not available in other courses. These competencies should be enumerated. Competencies may reflect the particular work environment, workplace experience and/or the essential skills addressed reflective of previous coursework. This course will produce the yearbook.

This course meets the Fine Arts graduation requirement

Family, Community & Consumer Services Pathway

<i>Culinary Essentials</i>	16052	Grades 9-12	Credit .5 Unit
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The Culinary Essentials course provides students with knowledge and skills related to commercial and institutional food service establishments. Course topics include career pathways, employability skills, sanitation and safety procedures, measurements, tools and equipment, food preparation and production.

<i>Nutrition / Wellness</i>	08057	Grade 9-12	Credit .5 Unit
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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.

<i>Human Growth and Development -The Early Years</i>	45004	Grade 9-12	Credit .5 Unit
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Human Growth and Development provides 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.

<i>Family Studies</i>	19255	Grade 9-12	Credit .5 Unit
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The Family Studies course explores the roles and responsibilities of parents such as how society, media, technology and diversity impact their ability to balance work and family. It also includes the development of children and parents as their earliest teacher. Parenting styles and family stages are explored as is the changing demographics which will change the face of the US family. Parenting and behavior guidance skills are strengthened through a study of positive family relationships, child abuse and neglect, safety, and health practices. Occupations related to meeting the needs of families will be analyzed. This course will promote the creation of healthy and sustainable families be they their own or those they work with.

<i>Career Connections</i>	19298	Grade 12	Credit .5 Unit
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Career Connections courses provide human services/family and consumer sciences related work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences and/or discussions related to human services/ family and consumer sciences occupational technical skills. *Prerequisite: of ONE credit within Human Services Pathway*

<i>Community Connections</i>	19297	Grade 12	Credit .5 Unit
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Community Connections course provide community based/school based learning experiences mainly within the family and consumer sciences classroom. Learning goals are set by the student, teacher and community partners to create experiences and/or discussions to enhance the development of the 21st century skills (i.e. leadership, empathy, communication, problem solving, cooperation, critical thinking, and resource management) needed to be successful in human services/family and consumer sciences related careers. *Prerequisite: of ONE credit within Human Services Pathway*

Misc Family, Community & Consumer Sciences Pathway

<i>Lifespan Development</i>	45014	Grade 9-12	Credit .5 Unit
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Life Span Development prepares students for occupations associated with meeting the needs of people by learning about physical, intellectual, emotional and social development from childhood to death. In addition, this course helps students discover how individuals respond to the various stages of the life span with a strong tie to teen years, adulthood and later years.

<i>Baking and Pastry I</i>	16056	Grade 9-12	Credit .5 Unit
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Culinary Art Specialty courses provide instruction in a particular type of cooking or culinary style. Examples of such specialty fields include baking, creating and decorating wedding cakes, Middle Eastern cuisine, and so on. These courses emphasize skills specific to the type of culinary art being studied.

<i>Essentials of Fashion, Apparel and Interior Design (FAID)</i>	30110	Grade 9-12	Credit .5 Unit
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Essentials of 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 of humans. This course will also provide a discussion and exploration of career opportunities in interior, textiles, and set/exhibit design.

<i>Culinary Arts I</i>	16053	Grade 10-12	Credit 1 Unit
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This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include safety and sanitation, menu management, use of commercial tools and equipment, food production, culinary math, restaurant management principles, and career readiness practice.

Prerequisite: Culinary Essentials

Miscellaneous Classes

<i>Academic Enrichment</i>	22001	Grades 10-12	Credit 1 Unit
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This course helps prepare students for national standardized tests such as the PSAT, SAT, and ACT. In particular, this course will assist students in developing and/or expanding their vocabulary, test-taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies.

<i>Teacher Aide</i>	22051	Grade 12	Credit 1 Unit
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Students work with an assigned instructor one period of the day. Coursework might include general duties such as inventory, 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.

<i>Senior Seminar</i>	22106	Grade 12	Credit 1 Unit
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This course offers seniors the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical thinking skills. Students will explore college and career options and planning for their future.

<i>Workstudy</i>	22998	Grade 12	Credit 1 Unit
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Workstudy Experience courses provide students with work experience in a field related to their interests. 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.

STARS (Southeast Technical Academy for Rural Students) courses-

These courses are located at the STARS facility in Pleasanton- Transportation is provided for students to and from the location. If interested, see JLHS Counselor Brett Kramer for more information. College credit is awarded in these courses at no cost to the student as well as certification.

Construction Trades		Grades 11-12	
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Construction Trade Certificate is to prepare students for the practical aspects of construction work and combine classroom study with hands-on instruction in using tools, handling materials, and job-site safety. The suggested curriculum will help students learn about carpentry, roof framing, and industry-specific regulations.

Criminal Justice		Grades 11-12	
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The program in Criminal Justice is designed to provide interested men and women opportunity for training and information concerning major innovations in police science, courts and techniques of correctional institutions.

Emergency Medical Technician (EMT)		Grades 12	
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The FSCC EMT program is designed to provide students an opportunity for Emergency Medical Technician (EMT) training. Successful completion of the EMT coursework qualifies students to take the Kansas and National Registry certification exams. Students must successfully complete a CPR for Basic Rescuer Health Care Provider course prior to enrollment.

Geriatric Certified Nurse Aide (CNA)		Grades 11-12	
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This is a 90-hour, state regulated course that follows federal guidelines. It is divided into two parts; Part 1 is lecture and lab, and Part 2 is lecture and clinical experience. Students enrolled in the CNA course must be at least 16 years of age, and have a negative TB skin test or Chest X-Ray with no active signs or symptoms of TB. Clinical agencies may also require an influenza vaccination during the late fall and winter months.

Part I subject content includes: an introduction to residents of a licensed adult care home and their needs, role and responsibilities of the CNA, meeting resident needs in the areas of communication, infection prevention and control, mobility, the resident's personal living space, safety, personal care and grooming, nutrition and fluids, elimination, and measuring and recording vital signs. The purpose of Part I of the course is to provide trainees with experience in performing basic nursing skills. The majority of supervised clinical experience for a Trainee I takes place in a simulated laboratory setting.

Part II subject contents include: the resident's care plan; observing, reporting and documenting; physical changes accompanying aging, sexuality in aging; meeting resident needs for comfort and rest, end-of-life care, restoring nutrition and elimination, maintaining and restoring mobility, demential and problem behaviors; additional resident care procedures; admission, transfer and discharge, first aid in the licensed adult care home, and working as a CNA. Part II is a combination of didactic/classroom and supervised clinical instruction within the licensed adult care home environment in more advanced nursing skills.

Clinical instruction during Part II of the course requires performance of direct care tasks within the licensed adult care home environment. Trainees are designated as a Nurse Aide Trainee II. They are eligible to provide direct, individual care to residents in a licensed adult care home under the direction of a licensed nurse.

ALH 1215 Geriatric Aide.....5 hours

Heating, Ventilation, Air Conditioning, Refrigeration (HVAC)		Grades 11-12	
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The FSCC HVAC program offers a one year certificate to interested students. Coursework incorporates electrical and mechanical systems involved with heating, ventilation, air conditioning, and refrigeration. Students are trained to evaluate and determine proper operation of these systems, as well as basic maintenance and repairs for commercial, industrial, and residential units. The program prepares students to test for the EPA refrigerant handling certification and other industry-recognized credentials (OSHA 10 Certificate and ESCO Institute Refrigerant Certificate). Students complete the program ready to work as entry-level service and warranty technicians in HVAC systems.

Heavy Equipment Operator		Grades 11-12	
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The Heavy Equipment Operator Certificate prepares students for professional construction work as Heavy Equipment Operators. Participants receive instruction in the classroom and gain hands-on practical experience. Classroom and hands-on practice is provided for the operation of each major type of equipment. Each student receives exposure to all the machinery they are likely to experience in the field. Students also receive OSHA 10 training and certification

Welding		Grades 11-12	
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The FSCC welding program provides hands-on training to help students earn Structural Certification D1.1 from the American Welding Society. Students learn blueprint reading, design, and layout with their projects. During year 1, students receive introduction to ARC and Mig welding; Year 2 only Tig welding is taught with an emphasis on work trade welding. Students engage in special projects throughout the program with emphasis on community improvement. Student certification credentials are entered into a national registry that is portable and available to contractors.