

Jayhawk USD 346

Jayhawk-Linn High School



2021 - 2022

Course Guide

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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 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.

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. The plan can be reviewed in the Course Planner of Xello at any time by students, parents, advisory teacher, and counselor. The plan will be reviewed by the student, parent, and counselor each Spring. Changes in the plan need to be taken very seriously as the student prepares for his/her future. The guiding criteria for course selection will be what is best for the educational benefit of the student. Students will create and use 4 year plans in their Xello accounts

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.

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 and/or English Composition 9, 10, 11, 12)
- II. **Four units of Social Studies** (World Studies- grade 9; US History- grade 10; US Government- grade 11; Economics & Consumer 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**

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 freshmen year- all other students may enroll in college courses in grades 10-12. See your counselor for planning and enrollment 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 involvement in school sponsored activities both during and after high school is an indication of success. 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 your questions about their programs. Inquiries about the possibility of starting an organization where none exists are also welcome and must be addressed first by the high school principal.

Fees

An annual book rental fee is assessed to each student for textbook materials. Some classes have special fees for materials used.

Some fees may change for the 2021-2022 school year:

Textbook rental: \$30.00

JLHS Technology Fee: \$40.00

Student Support Services

A variety of services are provided for 7-12 grade students in the Student Support Center. Students may receive coursework assistance or just a quiet place to study. 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. Students will also find the school nurse, school social worker, school resource officer, school psychologist, and school counselor in this area.

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	Division II
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/ Physical Science	3 years additional of English & Math or Natural/ Physical Science
4 years of additional courses from any area above, foreign language	4 years of additional courses from any area above, 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.

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.

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 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 or English Composition 9	1. English 10 or English Composition 10
2. World Studies	2. US History
3. Math class	3. Math Class
4. Physical Science	4. Biology
5. Physical Education	5.
6.	6.
7.	7.
Hawktime:	Hawktime:

Junior Year	Senior Year
1. English 11 or English Composition 11	1. English 12 or English Composition 12
2. US Government	2. Economics/ Consumer Personal Finance
3. Math Class	3.
4. Science Class	4.
5.	5.
6.	6.
7.	7.
Hawktime:	Hawktime:

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 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. *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 1 Unit
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Students enrolling in the English/Composition course build upon previous writing skills. These courses seek 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 course build upon previous writing skills. These courses seek 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 / Language Arts I	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 / Language Arts II	01002	Grade 10	Credit 1 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 / Language Arts III	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 / Language Arts IV	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 juniors on a career/technical pathway.

Mathematics

General Math	02002	Grade 9-12	Credit 1 unit
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General Mathematics courses reinforce and expand students' foundational mathematic skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

Pre Algebra	02051		Credit 1 unit
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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.

Algebra 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.

Geometry	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 covered area, volume of solids, coordinate geometry concepts, and a unit on basic trigonometry. *Prerequisite: Algebra I*

Geometry in Construction	02072	Grade 9-12	Credit 1 Unit
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This course will get students out of their seats and give them a hands on approach to Geometry. Students will explore and discover geometric concepts in groups and then take that knowledge and apply it to construction. Geometry in Construction is not taught like a traditional class, very little lecture and more group work. This class is a two hour commitment and must be taken with Residential Carpentry I. *Prerequisite: Algebra I*

Algebra II	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 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. *Prerequisite: Algebra II*

College Algebra	02057	Grade 12	Credit- .5
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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 21 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*

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*

Consumer Mathematics	02157	Grade 10-12	Credit 1 Unit
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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. This is a supervised Edgenuity course. *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

Freshmen: Algebra 1 or Geometry

Sophomore: Geometry or Algebra 2

Junior: Algebra 2 or College Algebra
Calculus

Senior: College Algebra/Trigonometry or Elementary Stats/Pre-

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 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 directly heading to the needs to take workforce needs to take the following courses- 3-4 credits

Freshmen: Pre-Algebra or Algebra

Sophomore: Algebra 1 or Geometry

Junior: 3rd Math Credit of Algebra 2

Senior Year: Consumer Math credit

Science

<i>Anatomy and Physiology</i>	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) 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. *Prerequisites: Physical Science, Biology*

<i>Biology</i>	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

<i>Chemistry</i>	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: Physical Science, Biology*

<i>Earth/Space Science</i>	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*

<i>Physical Science</i>	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, astronomy, 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; Ability to work independently through an internet based curriculum.

Social Science

US History	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.

US Government	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.

Current Affairs	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.

Economics	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>Consumer & Personal Finance</i>	22210	Grade 12	Credit .5 Unit
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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.

<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 I	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 requirement.**

Art II	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 I**

Art III	05154	Grade 10-12	Credit 1 Unit
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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. **Prerequisite: Art II**

Art IV	05154	Grade 11-12	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 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. **Prerequisite: Art III**

Photo Imaging	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.

Foreign Language

Spanish I	06101	Grade 9-12	Credit 1 Unit
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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 predicable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Spanish II	06102	Grade 10-12	Credit 1 Unit
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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.

Prerequisite: Spanish I ("C" and above)

Spanish III	06103	Grade 10-12	Credit 1 Unit
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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. This class can be taken for 5 hours of FSCC credit. *Prerequisite: Spanish II ("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.

Band	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.**

Vocal Ensembles	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.**

Music Appreciation	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

Physical Education	08001	Grade 9	Credit 1 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. Health Education is done daily at the beginning of each hour. **This course is the PE graduation requirement.**

Team Sports	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.**

Lifetime Fitness	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.**

Weight Training	08009	Grade 9-12	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.**

Agriculture Education

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

Agriscience	18002	Grade 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. *This is the first agriculture class students enroll in.*

Agriculture Leadership	18203	Grade 10-12	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

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*

Agriculture Mechanics/ Equipment/Structures	18401	Grade 11-12	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.

<i>Agriculture Processing (Adv. Animal Science)</i>	18302	Grade 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 & Animal Science*

<i>Animal Science</i>	18101	Grade 10-12	Credit 1 Unit
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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*

<i>Horticulture</i>	18052	Grade 10-12	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*

<i>Natural Resources Management</i>	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*

<i>Plant and Soil Science</i>	18058	Grade 10-12	Credit 1 Unit
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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*

<i>Agricultural Metal Fabrication Technology (Welding I)</i>	18404	Grade 9	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>Advanced Agriculture Welding II (Welding II)</i>	18407	Grade 10	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>Welding III</i>	18408	Grade 11	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 II*

Audio/Video Communications

Audio/Video Production Fundamentals	30103	Grade 9-12	Credit 1 Unit
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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.

Digital Media Design and Production	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 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. **This course meets the Fine Arts graduation requirement**

Video Production	30150	Grade 10-12	Credit 1 Unit
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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

Graphic Design	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.**

Graphic Design Project Management	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**

Computer Applications	10004	Grade 9-12	Credit 1 Unit
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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

<i>Introductory Business</i>	12051	Grade 9-12	Credit .5 Unit
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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.

<i>Introduction to Entrepreneurship</i>	12053	Grade 9-12	Credit .5 Unit
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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)

<i>Career Connections</i>	22275	Grade 12	Credit 1 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.

<i>Clothing (2nd semester)</i>	22205	Grades 9-12	Credit .5 Unit
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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.

<i>Community Connections</i>	22270	Grade 12	Credit 1 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.

<i>Health and Life Management (Nutrition / Wellness)</i>	08057	Grade 9-12	Credit 1 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</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.

Leadership	22101	Grade 9-12	Credit 1 Unit
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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, and 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.

Industrial Technology Education

Cabinetmaking	17007	Grade 9	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.

Residential Carpentry I	17002	Grade 10	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*

Residential Carpentry II	38002	Grade 11	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*

Miscellaneous Classes

<i>Academic Enrichment</i>	22001	Grade 12	Credit 1 Unit
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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.

<i>Independent Studies</i>	22997	Grade 12	Credit 1 Unit
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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.

<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.