

Spring Hill High School



Program Planning Guide

2010 – 2011

GENERAL INFORMATION

Frequent and open communication between parents, students, and school personnel is encouraged in order for students and teachers to succeed in their mission.

Classroom teachers are urged to talk to parents when students are not participating in class or working/progressing in such a way to pass the class. Parents are encouraged to contact teachers for specific information about coursework, a student's progress in the course, or to set up a meeting.

Counselors can be contacted for general information about a student's course selection. Standardized test scores, career interest surveys, college entrance exam preparation and testing (PSAT, ACT, SAT), college and post-secondary school selection and application and scholarship procedures. Counselors can be contacted any time a parent feels they need additional help with problems that are affecting the student at school.

Administrators are available to answer questions or respond to concerns that cannot be answered by teachers or counselors. Parents are encouraged to contact the office in order to make appointments with administrators.

Progress Reports for each nine weeks will be issued the fifth week of each quarter. Reports will be mailed to parents of those students who have below a C in any specific class.

Report Cards will be given to students approximately one week after each grading period. Fourth quarter grade cards will be mailed home.

Early Graduation: A student must reasonably be expected to satisfactorily complete all state and local graduation requirements of subjects and credit units or their accepted equivalents in order for consideration to be given to any request. Each request is to be determined by the board on the merits of the individual circumstances; one case shall not set a precedent for others.

A student who, for educational and vocational reasons, wishes to graduate from high school in less time than the normal four years, grade 9-12 sequence may request permission for early graduation. The student and parents shall consult with high school administrative and/or guidance personnel in order to develop a graduation plan. The student shall request in writing to the board permission for early graduation with reasons supporting the request. Reasons that may be given consideration could include, but not be limited to:

**Hardship circumstances.
Vocational opportunities;
Enlistment in the military occupations;
Pursuit of a continuous specialized education objective; and
College entrance.**

A parent or the legal guardian of the student must submit a letter in support of the student's written request. The request letters to the board are to be submitted to the superintendent for transmittal to the board no later than six months prior to the anticipated completion of the required high school program.

ENROLLMENT REQUIREMENTS

Freshmen & Sophomores: *Must take at least seven classes. Must be on campus from 8:00 am to 3:05 pm

Juniors: *Must take seven classes. Must be on campus from 8:00 am to 3:05 pm unless enrolled in Quick Step Classes. A minimum of 5 courses must be taken at SHHS if enrolled in Quick Step.

Seniors: *Must take seven classes the first semester of their senior year.
*Must be on campus from 8:00 A.M. to 3:05 P.M. unless in OJT, or Quick-Step. A minimum of 5 courses must be taken at SHHS.

No student is to leave campus during the day without parental request AND school approval. Students must sign out in the office.

Grade Placement:

Ninth Grade: A student is designated a ninth grader with the satisfactory completion of eighth grade.

Tenth Grade: A student can advance to grade ten when (6) six units of credit in ninth grade have been completed.

Eleventh Grade: When (12) twelve units of credit have been completed.

Twelfth Grade: When (17) seventeen units of credit have been completed.

Grade placement of a student is determined at the beginning of the school year.

SCHEDULING PROCESS

Scheduling courses is a shared responsibility of student, parent, teachers and counselors. Ideas and information contributed by each of these stakeholders will result in selecting an appropriate and meaningful educational program for each student.

Parents are encouraged to discuss with your son/daughter their interests, needs, and career choices(s). With this information, parents can help guide their child's selection of courses, which will lead to a meaningful educational experience. Teachers can assist in this planning by discussing and explaining their respective curriculum and courses in an effort to provide an understanding of the many options available. Students are encouraged to ask the teachers for recommendations before enrolling in courses. Counselors are available to assist students and parents in the process of selecting a class schedule/courses and career pathway.

Schedule Changes: **Class changes will only be made for academic reasons and with good cause.**

First semester changes may be requested the first two days before the students return to school for the fall. After students have returned to school, they will have four days before or after school to change schedules. Schedule changes may be requested the half-hour before and half-hour after school (no exceptions). This is for the first four days only. From days 5-10, students may make changes in schedules only by filling out a drop/add form and obtaining the signatures of their teachers (drop and add), an administrator, a parent, and a counselor.

Second semester changes may be requested in the month of December before second semester begins. Once second semester begins, schedule changes may again be made the first four school days before or after school only. Days 5-10 will require a drop/add form.

*Students will NOT be allowed to change teachers unless their course selection forces such a change.

*Students are limited to one change per semester.

*Non-scheduled students and JCCC enrollment changes will take precedence over all other schedule change requests.

*The administration and counselors reserve the right to make changes for academic reasons at any time.

Repeating Courses: A student shall enroll in the next higher sequence of study when going from 8th through 12th grade. Exception to this will be made when a student fails a course for semester and needs to repeat the class. The new grade will be posted on the transcript but the F grade will remain on the transcript.

If a student receives a D for the semester grade in a class and wishes to retake it, the principal must grant approval after consultation with the counselors. If the retake is approved, students will have the average of the new grade and the old posted on the transcript. It should be noted students cannot count the retaking of a class previously passed towards KSHSAA eligibility.

Any student who receives a C- or better for the semester grade may not repeat the class but instead should enroll in the next higher level of class possible.

STUDENT SERVICES

Summer School and After School Program: Credits can be completed in the After School or Summer School program at SHHS. A student must have prior approval from a counselor before enrolling in Summer School or After School Program courses. Summer School and After School Program courses do not count toward eligibility for KSHSAA.

Guidance and Counseling Services: The school counselors are available to assist students with their educational programs and needs. Counselor help students and their teachers determine whether the students are making satisfactory academic progress. They are to assist students with their educational and vocational plans. This includes college admission, financial aid/scholarship information, occupational awareness, and career planning.

There are many ways to utilize the guidance and counseling department. Counseling services are needed when a reasonable well-adjusted student encounters problems that he or she cannot solve himself or herself. Counselors can provide assistance to students in dealing with social or personal problems through a self-examination process, evaluating attitudes, goals and concerns, which may provide students with insight to resolve such problems. Educational and vocational planning assists students with high school course work, post-secondary education or vocational choices after high school. This includes college admissions and financial aid/scholarship information, as well as testing. Our testing program includes the Preliminary Scholastic Aptitude Test (PSAT), American College Test (ACT), Measure of Academic Performance, and Kansas Assessments.

Transcripts: Students and parents can request a copy of a transcript from the school registrar. If a transcript is to be sent to a college or other official agencies a stamped, pre-addressed envelope is to be provided by the student.

Independent Study: Independent study will be granted only by approval from the principal. Independent study allows a student the opportunity to pursue a program of study that is not included in the high school curriculum. Students are required to work with a teacher in designing and being under the supervision of that teacher during the program. Before a student can be granted permission to enroll in independent study, they shall have permission from the cooperating teacher and the administration and write the following:

- 1) a description of the topic of study along with goals and objectives of the study.
- 2) a description of how they intend to complete the objectives of the program, and
- 3) how they and the teacher intend to evaluate the progress and completion of the project or independent study.

After completing the above, the students must have approval from their counselor and parent through their signature. The student's written application must be submitted to counselors and principal for approval. The cooperating teacher shall be responsible for the student's attendance and supervise his/her activity during the hour he/she is enrolled in the independent study.

CLASSES AVAILABLE AT JCCC

Spring Hill School District is determined to prepare students to contribute to society and to have productive lives and careers. When a student has graduated, he or she can successfully pursue a post-secondary degree and a professional career or a job in a high-tech workplace.

Students may earn college credit by either enrolling in Quick Step or College Now courses. Johnson County Community College offers students credit in either classes offered at the student's high school (College Now) or by attending classes on campus (Quick Step). A student must be either a junior or senior to enroll in College Now and Quick Step courses. College Now courses always count as dual credit. The principal must approve Quick Step courses in order to count for eligibility, honors diploma, and dual credit. **Students are required to take five classes each semester not previously passed in order to be eligible for KSHSAA activities.**

College Now Courses:

English Composition I (Semester)

English Composition II (Semester)

College Algebra (Quick Step Plus) (Year)

Calculus & Analytic Geometry (Year)

College Biology (Quick Step Plus) (Year)

A student must meet prerequisites to enroll in the above classes as determined by Johnson County Community College.

SELECTION OF COURSES ISSUES

Eligibility: The Kansas State High School Activities Association states a student must be in good standing currently enrolled in five classes and have passed at least five classes the previous semester to be eligible to participate in any KSHSAA activities. Seminar, teacher/office aide, and summer school do not count. All five classes must be taken at Spring Hill High School during the normal school day.

Post-Secondary Plans: Students who are planning to enter a post-secondary program should be aware of the Kansas Qualified Admissions Curriculum, which is listed in the middle column on the front page of this program guide. IN ORDER TO ATTEND KANSAS STATE, KANSAS UNIVERSITY, WICHITA STATE, EMPORIA STATE, FT. HAYS STATE OR PITTSBURG STATE immediately after high school, a student must complete the qualified admissions curriculum or have an ACT composite score of 21 or place in the top third of his/her graduating class. Students should also be aware of the college admissions guidelines when planning their educational program.

Low Enrollment: After the enrollment process is completed, based on student choices, low enrollment may cause a course to be deleted from the master schedule. Students should choose alternate courses carefully.

Senior Course Requirement: It shall be required of high school seniors to take a minimum of seven courses of full unit weight, even though graduation might be accomplished with a lighter schedule. Exceptions are to be made only at the discretion of the building principal after consultation with the superintendent of schools.

NCAA ELIGIBILITY:

Students who plan on playing at a Division 1 or Division 2 college after graduating from High School should register at www.ncaaclearinghouse.net during the second semester of their Junior year. Division 1 schools in Kansas are KSU, KU, and WSU. Division 2 schools are Pittsburg State, Emporia State, Fort Hays State, and Washburn University.

NCAA Freshman – Eligibility Standards Quick Reference:

KNOW THE RULES:

Core Courses

- **Starting August 1, 2008**, 16 core courses will be required for **Division I only**. This rule applies to any student first entering any **Division I college or university on or after August 1, 2008**. See the chart below for the breakdown of this 16 core-course requirement.

Test Scores

- **Division I** has a sliding scale of test score and grade point average. See the test score and grade-point average requirements.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, math, reading and science.
- **All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported to the clearinghouse.**

Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- Make sure you look at your high school's list of NCAA-approved core courses on the clearinghouse Web site to make sure the courses being taken have been approved as core courses. The Web site is www.ncaaclearinghouse.net.
- **Division I** grade-point average requirements are listed on the back of this sheet.
- **The Division II** grade-point average requirement is a minimum 2.000.

DIVISION I
16 CORE-COURSE RULE
2008 and after

16 Core Courses:

- 4 years of English
- 3 years of mathematics
(Algebra I or higher)
- 2 years of natural/physical science
(1 year of lab if offered by high school)
- 1 year of additional English, mathematics
or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any
area above, foreign language or
nondoctrinal religion/philosophy)

DIVISION II

14 Core Courses:

- 3 years of English
- 2 years of mathematics (Algebra I or
higher)
- 2 years of natural/physical science (1 year
of lab if offered by high school)
- 2 years of additional English, mathematics
or natural/physical science
- 2 years of social science
- 3 years of additional courses (from any
area above, foreign language or
nondoctrinal religion/philosophy)

PLEASE NOTE: Computer science courses cannot be used for NCAA eligibility purposes.

OTHER IMPORTANT INFORMATION

- In Division II, there is no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.
- Students first entering a Division I or Division II collegiate institution on or after August 1, 2008, must meet the 16 core-course rule.
- The SAT combined score is based on the verbal and math sections only. The new writing section will not be used.
- SAT and ACT scores must be reported directly to the clearinghouse from the testing agency. Scores on transcripts will not be used.

For more information regarding the rules, please go to www.ncaa.org. Click on “Academics and Athletes” then “Eligibility and Recruiting.” You may also visit the clearinghouse Web site at www.ncaaclearinghouse.net.

IF YOU HAVE QUESTIONS ABOUT NCAA ELIGIBILITY, PLEASE CALL THE NCAA INITIAL ELIGIBILITY CLEARINGHOUSE TOLL-FREE AT 877-262-1492. YOU MAY ALSO CALL THE NCAA AT 317-917-6222.

**DIVISION I
CORE GRADE-POINT AVERAGE/
TEXT-SCORE SLIDING SCALE**

Core GPA	SAT Verbal/Math ONLY	ACT
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55

2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
Core GPA	SAT Verbal/Math ONLY	ACT
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2,200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Spring Hill Approved Courses for NCAA ELIGIBILITY: Please note that the number of credits is 1 unit unless otherwise specified:

ENGLISH: English 1, English 2, English 3, English 4, Drama, Journalism, Composition 1 (.5), Composition 2, (.5) Debate, (.5) Forensics, (.5)

SOCIAL STUDIES: American Government (.5) American History, American National Government (.5) American Studies (.5), Civics (.5) Economics (.5) American History, World History 1, World History 2 (.5), Psychology (.5), Sociology (.5)

MATHEMATICS: Algebra 1, Algebra 2, Geometry, Algebra A/B (1 unit total), Geometry A/B (1 unit total) Analytic Geometry/Calculus, College Algebra, Trigonometry

SCIENCE: Biology, Biology 2, College Biology, Chemistry, Chemistry 2, Environmental Science, Physical Science (if taken prior to 2009 school year), Earth Space Science, and Physics

ADDITIONAL COURSES: French 1, French 2, French 3, Spanish 1, Spanish 2, Spanish 3 Business Law (.5)

COURSE DESCRIPTIONS

LANGUAGE ARTS

Four units of language arts credits are required for graduation. The normal course Sequence is English I, English II, English III, and English IV.

English I

Prerequisite: 8th Grade English

Description: All 9th grade students will enroll in an English 1 course that will meet every other day. It will review and expand vocabulary, literary terms, and spelling. It will include frequent writing practice with emphasis on sentences, punctuation, and writing solid paragraphs. A variety of literature will be read to expand the student's knowledge and reading comprehension levels. Besides exposing young learners to a variety of curriculum through language arts, this course is designed in part to prepare students for admission to a university.

English II

Prerequisite: English I

Description: English II is a one-year required course which will review and expand the literary genres and techniques begun in English I. It will include frequent writing practice with emphasis on sentences, paragraphs, short compositions, and a research project. Grammar, usage, punctuation, spelling, and vocabulary are also studied as means of enabling the student to apply conventions of standard American usage in expression of ideas. This course is designed in part to prepare students for admission to a university.

English III

Prerequisite: English II

Description: English III is designed to encourage students to discover ideas, beliefs, and values of Americans from the Puritan settlers to modern society. The course follows Americans' changing relationships and attitudes by surveying literature written over the course of approximately 200 years. Major works include *The Crucible*, *The Great Gatsby* and *A Raisin in the Sun*. Class activities include discussion, group study and presentation, and close reading of texts. Emphasis will be placed upon developing skills for analyzing literature through discussion and written assignments. Students will also write in the following domains of writing: narrative, technical, research, and persuasive. This course is designed in part to prepare students for college or entry to the work force.

English IV

Prerequisite: English III

Description: This course is a senior-level, required English IV class that incorporates 21st Century skills. Practical skills in reading (world literature and non-fiction), technical and academic writing, listening, and problem solving will be emphasized. Through activities appealing to various learning styles, students will develop effective planning and communication skills appropriate to the work environment and college. Activities will include constructing a portfolio containing personal reflection, a resume, a transcript, letters of recommendation and examples of academic excellence. Students will conduct a research paper that includes thinking, creating, planning, writing, and publicly presenting their research. Students will also learn to develop and will practice self-management and interpersonal skills. A review of and application of basic writing skills, including grammar, usage, and vocabulary, will be incorporated as needed.

Composition I Honors (semester) JCCC College Now course

Prerequisite: C or better in English III and must meet one of the following criteria:

- 1) Score of 19 on ACT (English Sub-score)
- 2) Qualifying score on the free assessment test at JCCC

Students must submit a qualifying ACT or Assessment score by May 15, 2010.

Description: The concern of Composition I, a one-semester course, is the composing process for standard English prose. Through the process of exploring, focusing, developing, organizing, writing, revising, proofreading, and editing, the conscientious graduate of Composition I should be able to produce a piece of nonfiction prose suitable in its expression and materials to both its occasion and its audience. The essay should clearly communicate a central idea or thesis; contain sufficient detail to be written English. A student earns dual credit through the College Now Program with Johnson County Community College. This course is designed in part to prepare students for admission to a university.

Composition II Honors (semester) JCCC College Now course

Prerequisite: Composition I

Description: this one-semester course is a continuation of Composition I. Composition II also teaches students the process of effective writing, but it emphasizes the organizing and polishing steps so important in composing analysis and synthesis. Furthermore, because of the deliberative and argumentative nature of its materials, Composition II helps students develop the skills of orderly thought and effective persuasion essential for learning for success in our world. A student earns dual credit through the College Now Program with Johnson County Community College. This course is designed in part to prepare students for admission to a university.

Debate I (semester)

Prerequisite: N/A

Description: Debate I is a one-semester elective course for the beginning student of debate. Beginning students will be introduced to the fundamentals of argumentation and debate. Students will study such areas as research skills, speaking skills, logic, argumentation and persuasion, organization, and case construction. Participation in interscholastic competition is required.

Debate II (semester)

Prerequisite: Successful completion of Debate I with a semester grade of C or better and the applicant's acceptance by the instructor is required.

Debate III (semester)

Prerequisite: Successful completion of Debate I and Debate II with a semester grade of C or better and the applicant's acceptance by the instructor is required.

Debate IV (semester)

Prerequisite: Successful completion of Debate I, II and III with a semester grade of C or better and the applicant's acceptance by the instructor is required.

Description: (Debate II, III & IV) is a one-semester elective course which provides advanced study in the principles of argumentation and debate. The course also offers an in-depth study of such areas as case construction, logic, argumentation, and research. Participation in interscholastic competition is required.

Journalism I (semester)

Grade: 9-12

Description: Required for staff positions of the BRONCO YEARBOOK and STAMPEDE newspaper. Emphasis is on print media skills and concepts. Students will identify and apply appropriate writing styles, preparation of copy, advertising sales and composition, proofreading and editing rules, and design concepts. Extensive practice will be provided in use of the 35 mm camera, film processing, and print making in black and white photography.

Newspaper Publication

Prerequisite: successful completion of English I and Journalism I with a yearly grade of C or better in both. Applicant's acceptance by instructor is required.

Description: Newspaper Publications I is a one-year elective course to provide journalistic skills, practical application, and experience in print media functions. Preparation of news stories, editorials, features, sports stories, advertising copy, layouts, camera-ready copy, and graphic elements is done by students who fill editorial and staff positions for the school newspaper. This course will require time outside of class.

Yearbook Publications

Prerequisite: Successful completion of English I and Journalism I with a yearly grade of C or better in both. Applicant's acceptance by instructor is required.

Description: Yearbook Publications I is a one-year elective course providing journalism experience similar to magazine production. Students will fill editorial and staff positions for the school yearbook, will prepare copy using PageMaker program, use digital imaging, and design graphic elements for use on pages and advertisements." This course will require time outside of class.

Secondary Reading

Prerequisite: Grade 9 – 12. Teacher and/or Administrator referral and appropriate SRI and/or MAPP test score.

Description: Secondary Reading is a class designed to teach, reinforce and improve reading strategies that will support learning in all content areas. Through the Read 180 program and individualized instruction, learning will take place in the areas of comprehension, spelling and vocabulary. Instruction is individualized for each student based on his or her areas of need.

Journalism II (semester)

Prerequisite: N/A

Description: This class will allow beginning photographers and journalists to explore the art and technology of basic black and white photography. Special emphasis will be placed on composition. Students will learn to process film and create prints. Students are encouraged to have their own 35 mm camera for this class.

FOREIGN LANGUAGE

French I

Grade: 9-12

Description: French I is a one-year course designed as an introduction to the language and culture of the French speaking world. Students should attain a novice-low or novice mid-proficiency level in the four communications skills of understanding, speaking, reading, and writing in French. An awareness of French culture will be included through the study of geography, food, lodging, clothing, entertainment, art, music, history, values and beliefs of French-speaking people. Expectations include class work as well as extensive work at home.

Spanish I

Grade: 9-12

Description: This is a one-year course designed as an introduction to the language and culture of the Spanish-speaking world. Students should attain a novice-low or novice-mid, proficiency level in the four communication skills of understanding, speaking, reading, and writing in Spanish. An awareness of Hispanic culture will be included through the study of geography, food, lodging, clothing, entertainment, art, music, history, values and the beliefs of Spanish-speaking people. Expectations include class work as well as extensive work at home.

French II

Prerequisite: A grade of C or better in French I or teacher or administrator approval.

Description: This is a one-year course designed to expand the four communications skills of understanding, speaking, reading, and writing in French that the student learned in French I. The student will attain a novice-high level of proficiency in these skills. A review and expansion of the student's knowledge of French culture will be included.

Spanish II

Prerequisite: A grade of C or better in Spanish I or teacher or administrator approval.

Description: This is a one- year course designed to expand the four communication skills of understanding, speaking, reading, and writing in Spanish that the student learned in Spanish I. The student will attain a novice-high level of proficiency in these skills. A review and expansion of the student's knowledge of Hispanic culture will be included.

French III

Prerequisite: French I and II

Description: This one-year course will continue to expand the skills of speaking, reading, writing and understanding. Focus will be intensified in the area of speaking, with the goal being the achievement of an intermediate level of proficiency. Study of French culture will continue, as well as more use of technology in the classroom.

Spanish III

Prerequisite: Spanish I and II

Description: This is a one-year course designed to further expand the four communication skills that the student learned in Spanish I and II, especially the skill of speaking. The student should attain a novice-high to intermediate-low proficiency level. This course is excellent for the student who plans to take Spanish in college.

Spanish IV

Prerequisite: Spanish I, II and III

Description: This is a one-year course that will continue on with the skills that the student learned in Spanish I, II and III. In addition to lots of speaking, there will be an increased focus on reading and writing. This course is also excellent for the student who plans to take Spanish in college.

SOCIAL SCIENCE

World History I

Prerequisite: None

Description: World History I is a one-year course that traces history from the ancient civilizations through the revolutions of the 19th Century. Units of study will include: Ancient Civilizations, Greece, Rome, World Religions, Middle Ages, Renaissance and Reformation, Colonization and Exploration, Enlightenment and Scientific Revolution, Nationalism, Imperialism and Anti-Colonialism, French Revolution and the Industrial Revolution. This course is designed in part to prepare students for admission to a university.

Current Social Issues (semester)

Grade: 11-12

Prerequisite: None

Description: This is a semester elective course that will examine the current social, political, economic, cultural and geographic issues that influence global decision-making. The design of this course will enhance students' awareness of modern global issues that confront an ever-changing world. Current media sources will be utilized to enhance classroom objectives.

Civics and Economics in Society (semester)

Grade: 10

Prerequisite: None

Description: Civics is a semester course that deals with American legal, political, and economic institutions. Students investigate the functions and structure of our legal system and government with emphasis on the national level. Time is also spent exploring our economic system to understand its operation and function in our society. This course is designed in part to prepare students for admission to a university.

American History

Prerequisite: 11th Grade Only

Description: This course will trace the American experience with emphasis on the 20th century. Topics will include: Progressivism, World War I, Jazz Age, Depression, World War II, Cold War, Korean Conflict, Vietnam, Space Exploration, Civil Rights, and Modern Conflict. This course is designed in part to prepare students for admission to a university.

Psychology (semester)

Prerequisite: 11 or 12 grade

Description: Psychology is a semester elective course for juniors and/or seniors that deal with the basic concepts of behavior and thought processes of human beings. This course will cover the ideology and origins of psychological thought. The student will have the opportunity to examine various human behaviors and apply those behaviors in the context of a psychological theory, human development, and social influences. The latter part of the semester will take an in-depth look at various psychological disturbances and behaviors. This course is designed in part to prepare students for admission to a university.

Sociology (semester)

Prerequisite: 11 or 12 grade

Description: This is a one-semester elective course for juniors and seniors. Sociology is designed to introduce the student to the science of studying human society, human relationships, and social behavior. This course will allow the student to examine and experience various societal problems and issues. This course will give the student an opportunity to apply learned sociological information not only to their lives, but also to society in which they live “now”. This course is designed in part to prepare students for admission to a university.

American Government (semester)

Prerequisite: 12th grade only

Description: This is a one-semester course which is required for all seniors. It is a survey course designed to introduce students to the basis concepts, institutions, and processes of the American system of government. This course will examine contrasting views of the American political system and encourage students to develop skills essential for understanding the process of American government. In addition, this course will offer the student the opportunity to practice analytical skills that are inherent for understanding politics. This course is designed in part to prepare students for admission to a university.

MATH

Algebra I

Prerequisite: 9th grade: students will be assigned based on performance in current math class

Descriptions: A one-year course designed as an introduction algebra, geometry, and trigonometry. Algebra I deals primarily with terminology and basic methods of the study of known and unknowns. The topics covered are:

- 1) The four fundamental operations on real numbers and their use in the solution of simple equations and related problems.
- 2) Polynomials, factoring, and fractions, leading to the solution of more complicated problems. Division of polynomials.
- 3) Solving equations with more than one unknown and graphing of straight lines in the coordinated plane.
- 4) Work with irrational numbers, quadratic functions and equations.

This course is designed in part to prepare students for admission to a university.

Algebra A/B

Prerequisite: 9th grade: students will be assigned based on performance in current math class

Description: This is a one-year course designed as an introduction to algebra, geometry, and trigonometry. This course will meet daily and students will earn 2 credits. Algebra A/B deals primarily with terminology and basic methods of the study of knowns and unknowns. Some topics covered are:

- 1) The 4 fundamental/operations on real numbers and their use in the solution of simple equations and related problems
- 2) Polynomials, factoring, and fractions, leading to the solution of more complicated problems. Division of polynomials.
- 3) Solving equations with more than one unknown and graphing of straight lines in the coordinated plane.
- 4) Work with irrational numbers, quadratic functions and equations.

This course is designed in part to prepare students for admission to a university.

Geometry

Prerequisite: 9th grade: students will be assigned based on performance in current math class
10th–12th: completion of Algebra I or Algebra A/B

Description: A one-year elective course that begins with basic definitions and postulates for a formal development of geometry through proofs. The topics covered are listed by the quarter as follows:

- Basic geometric figures, lines and angles.
- Parallel lines, congruent triangles, and congruent quadrilaterals.
- Similar polygons, right triangle, circle
- Constructions, areas, volumes, and coordinate geometry.

This course is designed in part to prepare students for admission to a university.

Geometry A/B

Prerequisite: Administrator and teacher recommendation

Description: A one-year elective course that begins with basic definitions and postulates for a formal development of geometry with an added focus on reinforcing basic algebraic skills. The course will meet daily and students will earn 1 math credit and 1 elective credit. (At the end of each semester students will earn $\frac{1}{2}$ math credit and $\frac{1}{2}$ elective credit.) Some of the topics covered are:

- Connections between algebraic and coordinate geometry
- Basic geometric structures and figures
- Congruent and similar figures
- Perimeter and area of 2-dimensional figures and surface area and volume of 3-D figures

This course is designed in part to prepare students for admission to a university.

Algebra II

Prerequisite: Geometry

Description: A one-year elective course dealing primarily with algebraic techniques and methods as an introduction for trigonometry and analysis and college math. Topics covered are:

- Sets and axioms, open sentences in one variable, systems of linear open sentences
- Polynomials and factoring, rational numbers and expressions, relations and junctions
- Irrational numbers quadratic equations and systems, exponential functions.
- Logarithms, trigonometric functions, complex numbers and trigonometric identities.

This course is designed in part to prepare students for admission to a university.

College Algebra JCCC Quick Step Plus

Prerequisite: C or better in Algebra II. To receive college credit a student must have a 26 on the math sub-score of the ACT or a qualifying score on the JCCC free assessment test.

Description: This course focuses on the study of functions and their graphs, techniques of solving equations and the recognition and creation of patterns. Students will analyze and graph functions, including constant, linear, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, exponential equations, logarithmic equations, systems of linear equations and systems of linear inequalities; and analyze and create algebraic and numerical patterns. College credit is received for this course through JCCC. This course is designed in part to prepare students for admission to a university.

Pre-Calculus/Trigonometry

Prerequisite: Algebra II

Description: A one-year elective course which is divided into two parts: Mathematical Analysis and Trigonometry. The topics covered are:

- Functions, graphs, inverses, and matrices
- Conics, exponential functions, and logarithmic functions
- Trigonometric functions, graphs, and identities
- Vectors, polar coordinates, complex numbers, and sequences & series
- Problem solving and data is incorporated throughout

This course is designed in part to prepare students for admission to a university.

College Prep Math

Prerequisite: Algebra II

Grade level: 11-12 (1 credit)

Description: This course is designed for students who struggle with proficiency in requisite skills needed for successfully completing College Algebra or Trigonometry. Students not performing at the identified level on norm-referenced tests, the state mathematics assessments from 10th grade, and their previous high school math coursework will be invited to take this course.

This course will focus on teaching strategies that enhance the student's ability to find success within a college level mathematics class in addition to the following math concepts: properties of the real number system and an introduction to the complex number system, first degree and quadratic equations and inequalities and an introduction to polynomial and exponential functions, in-depth analysis of the graphs of various functions, applications of geometry, rational functions, complex numbers, probability and statistics, and an introduction to conic sections and sequences/series.

Calculus & Analytic Geometry Honors JCCC College Now course

Prerequisite: Trigonometry/Pre-Calculus. To receive college credit a student must have a 28 on the math sub-score of the ACT or a qualifying score on the JCCC free assessment test.

Description: The students will explore topics which include elementary functions (polynomial, algebraic, trigonometric, exponential and logarithmic), limits, differential calculus with applications, integral calculus with applications, techniques of integration, and plane analytic geometry. College credit through JCCC is available. This course is designed in part to prepare students for admission to a university.

Consumer Math

Prerequisite: 11th & 12th only. Permission of Instructor and Completion of two years of math classes Note: this class is not accepted for qualified admissions.

Description: This is a one-year course designed for Juniors and Seniors to learn how mathematics is used in real world situations. Some of the topics covered are: checkbooks, tax forms, and basic algebraic concepts.

COMPUTER STUDIES

Computer Applications I (semester)

Prerequisite: None

Description: Computer applications is designed to teach the fundamentals of Microsoft Word 2000. Students will use the features to prepare, format, edit, and enhance the visual display of documents such as letters, reports, tables, and memos. This course is designed in part to prepare students for admission to a university

Computer Applications II (semester)

Prerequisite: Computer Applications I

Description: This course is designed to prepare the students to use advance technology when using word processing, spreadsheets, and database software. The most current software packages used in business will be taught. This course is designed in part to prepare students for admission to a university.

Computer Applications III (semester)

Prerequisite: Computer Applications I and II

Description: This course is designed to improve computer application competencies and to integrate word processing, spreadsheets, database, and presentation software to real-life situations. Other topics considered are desktop publishing, web page, and voice software.

Special Computers I

Length of Course: One Year

Prerequisite: Completion of Computer Application I

Description: This course is a web based computer class to further extend the needs of the students in the area of technology. Students completing the sequence of Special Computer classes will have the skills needed to take the exam for Microsoft Certified Technician Specialist. Those exams are offered through Microsoft. In addition to the computer work, each student will have the opportunity to gain some hands-on experience working with the school's Network Administrator.

Special Computers II

Prerequisite: Computer Apps. I and Special Computers I

Description: This course is a web based computer class to further extend the needs of the students in the area of technology. Students completing the sequence of Special Computer classes will have the skills needed to take the exam for Microsoft Certified Technician Specialist. Those exams are offered through Microsoft. In addition to the computer work, each student will have the opportunity to gain some hands-on experience working with the school's Network Administrator.

Special Computers III

Prerequisite: Computer Apps. I and Special Computers I & II

Description: This course is a web based computer class to further extend the needs of the students in the area of technology. Students completing the sequence of Special Computer classes will have the skills needed to take the exam for Microsoft Certified Technician Specialist. Those exams are offered through Microsoft. In addition to the computer work, each student will have the opportunity to gain some hands-on experience working with the school's Network Administrator.

Digital Video Production

Grade: 10-12

Prerequisite: CAPP 1 and teacher approval, an interview, and **application**.

Description: A year-long course focused on producing the morning announcements and video segments of SHHS. Students will be introduced to roll of producer, audio tech, video tech, anchor, camera operator and teleprompter operator. Students will learn basic functions of editing digital tape to create videos.

Advanced Digital Video Production

Grade: 11-12

Prerequisite: Completion of Digital Video Production (at least a semester)

Description: Focused on creating and editing videos for the purpose of daily announcements, district-wide projects, public relations, and informational videos. Director(s) of daily announcements.

21st Century Communications (semester) **New!**

Prerequisite: 10-12

Description: Students will use technology as a medium to explore information literacy and communication in 21st century society. Student projects will showcase the skills of design and creativity, writing and communication, collaboration, presentation and research.

Drafting (semester)

Prerequisite: None

Description: Drafting teaches drafting fundamentals and basic construction. As students proceed with the course, they will become familiar with drafting methods and procedures and will develop drafting skills and techniques. Students will gain the basic understanding necessary to allow them to progress into CAD (Computer Aided Drafting).

Drafting/CAD (CAD I)

Prerequisite: Drafting

Description: In this course you will be introduced to the AutoCAD program. You will learn basic skills, terminology and applications, as well as creating a variety of mechanical and architectural drawings.

Architecture Design (CAD II)

Prerequisite: Drafting/CAD I

Description: In Architecture Design, students will apply skills learned in Drafting/CAD I and will continue learning the AutoCAD program. Each student will design a dream home. This will include a site plan, a foundation and electrical plan, a first floor and electrical plan, a second floor and electrical plan, and a front, back, and side elevation plans.

Research & Design (CAD III)

Prerequisite: Architecture Design (CAD II)

Description: In Research & Design, students will apply skills learned in Drafting/CAD I and Architecture Design (CAD II), and will use AutoCAD as the primary software. Students will also apply CAD skills to real-life projects based on consumer requirements and requests.

SCIENCE

Earth Space Science

Prerequisite: Biology (Algebra AB or Algebra I recommended)

Grade level: 10-12 or approval from instructor

Description: A one-year science course in which students gain an understanding of the processes and interdependence of the earth's systems and its relationship to other objects in space. Topics including chemistry, geology, astronomy, oceanography, and meteorology are explored. Course is designed as a preparatory class for taking chemistry at a later time. *The course fulfills one science requirement for the Kansas Board of Regents.*

Environmental Science

Prerequisite: None

Grade Level: '10-12 or approval from instructor

Description: A one-year science course that deals with all issues of Earth's environmental systems and the interaction of Earth with the solar system. This course will utilize lab and lecture. *This course is not recognized by the Kansas Regents as part of the required course work for admission to a Kansas Regent University.*

Biology

Prerequisite: None

Grade Level: 9-12

Description: A one-year required laboratory course designed to give a broad overview of the living world. Dissections and various elementary experiments are designed to give the student a better understanding of diversity among organisms and the function of various biological systems. *This course is designed in part to prepare students for admission to a university and fulfills one science requirement for the Kansas Board of Regents.*

Biology II

Prerequisite: C or better in Biology

Grade level: 11-12 or gifted status

Description: A one-year elective course that provides additional course work in the life sciences. Major areas of study include: the structure and function of the cell, chromosomes, genes, the molecular basis of heredity, and the structure, function, and diversity of organisms and specifically the anatomy and physiology of humans. *This course fulfills one science requirement for the Kansas Board of Regents.*

Material Science Technology and Engineering

Prerequisite: Biology I

Grade level: 11-12

Description: This course involves the study of solid matter. Five major units of study form the basis of the MST course: solids, metals, ceramics/glass, polymers (plastic), and composites. A multi-instructional approach is used that appeals to many learning styles. This approach focuses on solving problems, creating student projects, working in small groups on open-ended experiments, writing as a means of learning, participating in demonstrations and activities, using community experts in materials, showing videos, and using a large variety of written resources. ***This course does not fulfill a science requirement for the Kansas Board of Regents.***

College Biology – JCCC Quick Step Class (BIOL 122 Principles of Biology/BIOL 123 Principles of Biology Lab – JCCC (Optional college credit is available)

Prerequisite: C or better in Chemistry I or instructor permission

Grade Level: 12 or approval from instructor

Description: This course is an introduction to selected concepts and principles important to an understanding of how biological systems operate. The importance of scientific methods and processes will be explored. Biological organization will be studied by examining the chemical, cellular, organismal and ecological properties that are unique to life. The diversity and unity of life will be explained in terms of classical and molecular genetics. The introductory lab examines basic biological concepts by focusing on the structures and functions of plants and animals. **This course is for the student who is college bound. Students should carefully consider the extra time needed for this course. College credit is available for this course through JCCC.**

Chemistry I

Prerequisite: Currently enrolled in Algebra II and/or passed Earth Space Science or instructor permission. Must pass first semester of Chemistry I in order to continue to take second semester. C average or better in previous math and science classes is recommended.

Grade Level: 10-12

Description: A one-year elective course. This course is for the students who are college bound and want preparation for college level chemistry. The curriculum will include measurement, nomenclature, stoichiometry, atomic theory, periodicity, bonding, and states of matter. Learning activities will center on lecture/demonstration, homework assignments, and laboratory investigations. **This course is designed in part to prepare students for admission to a university and fulfills one science requirement for the Kansas Board of Regents.**

Physics

Prerequisite: Completion of or concurrently enrolled in Algebra 2 or instructor permission. C average or better in previous math and science classes is recommended.

Grade Level: 10-12

Description: A one-year elective science course designed to present the basic theories, laws, and concepts of physics. The student will study such topics as motion, force, heat, momentum, atomic structure, sound, and light. In studying these topics the student will be actively involved in experimentation in which he/she will take data, analyze results, draw conclusions, and report results in various forms. Problem solving will also be a focus of this course, especially problem solving as it relates to physics **This course is designed in part to prepare students for admission to a university and fulfills one science requirement for the Kansas Board of Regents.**

Chemistry II Honors

Prerequisite: C or better in Chemistry I or instructor permission. Must pass first semester of Chemistry II honors in order to continue to take second semester.

Grade Level: 11-12

Description: Learning activities will center on laboratory investigations, homework book problems, and lecture. Students will gain a deeper understanding of inorganic chemistry and get an introduction of basic organic chemistry. **This course is for the student who is college bound and is designed to prepare students for chemistry at the university level. Students should carefully consider the extra time needed for this course.**

BUSINESS

Business Essentials (semester) ****New!****

Prerequisite: Computer Apps I

Description: Business Essentials introduces students to the role business plays in the lives of individuals as consumers and workers. A survey of the functions of business, a comparison of the forms of organizations and methods of administration and the interdependence of production, distribution, and finance in modern business. This course is designed to encourage students to explore the career possibilities that are available through business education.

Business Training

Co-requisite or Prerequisite: Juniors and Seniors only, and Computer Applications I.

Description: Business training develops and enhances the skills that are required to work in a business-related job. The areas of study cover computer applications, calculator, telephone, record keeping, filing, communications, job applications and interview skills, and general workplace knowledge. This course is required before taking OJT (On-The-Job Training) the senior year or can be taken simultaneously with OJT.

Business On The Job Training

Co-requisite or Prerequisite: Business Training, Seniors only, and Computer Applications I.

Description: On the job placement training in a business-related position with pay. The instructor will assist the student in finding an approved job. Students will be expected to work immediately after school and provide their own transportation to and from work.

Accounting I

Prerequisite: 10-12

Description: Accounting I introduces students to accounting concepts, principles, cycle, and equation. It provides the skills, knowledge, and attitudes necessary for individuals to conduct personal business or to further their education in the field of accounting.

Business Law (semester)

Prerequisite: 10th grade or Business Essentials

Description: Business Law is designed to help students understand the legal issues they are, and will be, encountering in their personal lives. Civil and criminal laws dealing with court systems, rights of students/minors, contracts, crimes and torts, landlord/tenant, and employment are some to the topics studied. Guest speakers, Internet, and a field trip to an actual courtroom trial is planned.

Entrepreneurship (semester)

Prerequisite: 11–12 only

Description: Entrepreneurship is a course designed for those students who wish to explore the personal characteristics and resources needed to profitably start and run a small business. Instruction will cover the concepts of entrepreneurship and the importance of small business within our free enterprise system. Students will be exposed to the basics of planning, organizing, financing, starting and operating and managing a small business venture.

Computerized Accounting II

Prerequisite: Accounting I

Description: Computerized Accounting is designed to develop skills in applying automated principles and methods used in accounting systems. This course will provide the student with skills and knowledge useful in accounting-related occupations.

Introduction to Craft Skills (semester) **New! **

Prerequisite: None **only offered through Insight school (on-line)

Grade Level: 9-12

Description: Introduction to Craft Skills is an introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing & Transportation areas.

FAMILY AND CONSUMER SCIENCE

Parenting Skills (semester)

Grade: 10-12

Description: This is an elective course that includes lessons in parenting readiness, family planning, reproduction, and prenatal care. Topics will also include parenting styles, discipline strategies, and the challenges of teen parenting.

Human Growth and Development (semester)

Grade: 10-12

Description: This is an elective course that examines the physical, emotional, social and intellectual development of human beings throughout the lifecycle.

Nutrition and Wellness (Foods I)

Grade: 9-12

Description: This is an elective course that focuses on the study of kitchen safety and sanitation, principles of nutrition, and preparation of foods from the Food Guide Pyramid.

Nutrition and Wellness (Foods II)

Prerequisite: Nutrition and Wellness (Foods I)

Grade: 9-12

Description: This is an elective food preparation course that involves an in-depth study of the principles of nutrition and food science. Students must demonstrate successful completion of Nutrition and Wellness (Foods I) before enrolling in this course. Some units of study include food consumer education, meats and poultry, pies and pastry, ethnic foods, and careers in nutrition and foods.

Career and Life Planning (semester)

Grade: 09-11

Description: This elective course prepares students for the future by focusing on topics such as economics, consumer behavior, resource management and decision making skills. Units of study include choosing a place to live, income taxes, buying insurance and credit management. Students will explore various career options, write a personal resume, participate in a mock interview, prepare a 1040 EZ tax form, and balance a checkbook.

Family, Career, and Community Connections (year)

Grade: 11-12

Description: An elective course that focuses on the nature, function, and significance of human relations for the individual and within the family unit. Areas of study include personality, dating, marriage, divorce, and blended families, and crises in the family. Students will explore the effect that career choices have on the family unit. Enrollment in this course requires participation in FCCLA activities as well.

***A unit of nutrition, wellness, and food preparation will be incorporated into all FACS classes. Students will participate in occasional food preparation labs.

***Completion of one semester of an exploratory course in Career and Life Planning OR Social Living & Foods (8th grade level) is required prior to enrolling in any other FACS courses.

FINE ARTS

Drama

Prerequisite: None

Description: Drama is a one-year course designed as an overview of the theater experience. Students will study acting, costumes, makeup, set design, set construction, theater history, lighting design, and sound design. Short units of radio broadcasting, film, and script writing may also be studied.

Stagecraft (semester or year)

Prerequisite: Drama or participation in at least 3 productions

Description: A more in depth look at technical theater. Students will study more advanced techniques in subjects including but not limited to set construction, costumes, make-up, lighting, sound, design and stage management. Seniors will get extra assistance in preparing portfolios for college auditions.

Acting (semester or year)

Prerequisite: Drama or participation in at least 3 productions.

Description: A more in depth look at acting. Students will study subjects including but not limited to advanced acting techniques, auditioning, stage movement and directing. Seniors will get extra assistance in preparing for college auditions.

Forensics I (semester)

Prerequisite: N/A

Description: Forensics I is a one-semester elective course for the study of speech and drama as forms of competitive activities. The students will study such areas such as oral interpretation, rhetoric, physical delivery, speech organization, dramatic interpretation, dramatic movement, interpretive reading, and parliamentary procedure. Participation in inter-scholastic competition is required.

Forensics II (semester)

Prerequisite: Successful completion of Forensics I with a semester grade of C or better and the application's acceptance by the instructor required.

Forensics III (semester)

Prerequisite: Successful completion of Forensics I and II with a semester grade of C or better and the applicant's acceptance by the instructor required.

Forensics IV (semester)

Prerequisite: Successful completion of Forensics I, II, and III with a semester grade of C or better and the applicant's acceptance by the instructor's required.

Description: (also Forensics II & III) Forensics IV is a one-semester elective course for the study of speech and drama as form of competitive activities. The students will pursue further study in such areas as oral interpretation, rhetoric physical delivery, speech organization, dramatic interpretation, dramatic movement, interpretive reading, and parliamentary procedure. Specialization in a particular area at this level is encouraged. Participation in interscholastic competition is required.

Band 9, 10, 11 & 12

Prerequisite: Prior band experience or teacher approval

Description: This class is a one-year course that meets primarily as a marching unit during the fall semester performing football pre-game and half time shows. In addition to daily rehearsals during the school day, the student must be prepared to attend additional out-or-school rehearsals. The marching band also will perform in approximately three parades or band day type events and a concert is given in December. The band also serves as a pep band for home varsity basketball games. In the spring semester the band services primarily as a concert unit scheduled for 4 to 8 performances such as concerts, festivals, and graduations. Failure to uphold the standards of band membership or attend required performances may result in dismissal from band. Students may not drop or add this course at semester.

Introduction to Art (semester)

Prerequisite: None

Description: This course of art is offered as a transitional class encouraging the students to go beyond the developmental stages of art by exposing to the individual creative arts. The course is designed to motivate students through the manipulation of a variety of art materials and to develop creative thinking through the sensibilities while extending aesthetic awareness to meaningful visual ideas. The students will be exposed to art history that relates to each assigned project.

Drawing 1 (semester)

Prerequisite: Intro to Art

Description: This course is designed to use drawing as a vehicle for thinking, seeing, and communicating across disciplines. Students will draw from direct observation and invented images and learn from historical and contemporary drawing practices from a multiple of traditions.

Principles of Design (semester)

Prerequisite: Introduction to Art

Description: This course is meant to teach students how to use the principles of design to create artwork. Students will create a variety of two-dimensional projects that will give good sense of how to use elements of art with the principles of design.

Painting I (semester)

Prerequisite: Introduction to Art

Description: This course will explore the different mediums of paint. Students will be acquainted with watercolor, acrylic, and oil mediums. Students will study different artists from each medium and create paintings from their influence. Students will be required to provide canvases to paint on.

Painting II – (semester)

Prerequisite: Painting I

Description: This course is a continuation of Painting I. Students will work with oil as a medium, instead of acrylic and watercolor.

Ceramics I (semester)

Prerequisite: Introduction to Art

Description: A semester course focusing on more advanced hand building methods than in the previous Introduction to Art course. Students will enhance skills of making pinch, coil, and slab pottery. Students will be required to research different ceramic artists.

Ceramics II (semester)

Prerequisite: Ceramics I

Description: This course is for the serious potter. Students will be assigned to more advanced methods of creating pottery. Some of these methods include using a slab roller, extruder, and potters wheel. Students will create large pieces as well as sets of items.

Ceramics III – (semester)

Prerequisite: Ceramics II

Description: This course is a continuation of previous ceramic courses. Students will work primarily on the potter's wheel. A beginning unit will combine hand building with the potter's wheel.

Ceramics IV – (semester)

Prerequisite: Ceramics III

Description: This course is for the advanced potter. The advanced potter will meet with the instructor and develop a set of goals to accomplish. The potter should have a particular style they would like to develop.

Computer Graphics (semester)

Prerequisite: Computer Apps I and Intro to Art

Description: Using Photoshop and Illustrator, students will learn the basics of the software. They will create illustrations, brochures, CD labels, and posters. The course will cover advertising elements and create ads and brochures for the entire school.

Computer Graphics II (semester)

Prerequisite: Computer Apps I (this could include classes or grade levels) and Graphic Design I

Description: Students expand their understanding of basic graphic design principles through advanced applied problems focused on using Photoshop Software. Projects will include package design, poster design, and magazine illustrations.

Strings 9, 10, 11, 12

Prerequisite: Previous experience playing a string instrument

Description: This course is a one-year elective offered to string students with string experience prior to the ninth grade. A wide variety of music will be studied. Students must be willing to give some evenings and weekends for performances and rehearsals. This ensemble will participate in regional and state music festivals, school concerts, and a mini tour in the spring along with community performances.

Beginning Chorus 9, 10, 11, & 12

Prerequisite: None

Description: A one-year elective consisting of a non-selective ensemble for those students interested in vocal technique. A wide variety of songs are studied. The choir will participate in festivals and present three or four concerts.

Concert Choir 10, 11, & 12

Prerequisite: Beginning Chorus and/or permission of instructor

Description: a one-year elective designed to explore all types of choral literature. The choir participates in festivals and contests in the state besides presenting 3 or 4 concerts.

Madrigals 10, 11, & 12

Prerequisite: Audition

Description: "The Madrigal Singers" is a small performing ensemble presenting programs for the Spring Hill community and the surrounding Kansas City area. The Madrigals perform literature from the 16th century through and including popular contemporary selections. The students must be willing to give evenings and weekends for performances and rehearsals. This group will participate in regional and state music festivals, all school concerts, and will present a fall musical. There is a specific uniform for madrigals and each member will be responsible for supplying their own.

Destiny 10, 11, & 12

Prerequisite: Audition

Description: The Destiny ensemble is a girls performing group presenting programs for the Spring Hill community. The students in this ensemble must be willing to give evenings and weekends for performances and rehearsals. This group will participate in regional and state music festivals, school concerts, and the fall musical. There is a specific uniform for Destiny and each member will be responsible for supplying her own.

Music Theory I

Prerequisite: 2 years in a performing ensemble or permission from the instructor

Description: Music Theory is a year-long course dealing with the Fundamentals of Music. Notation, melody, rhythm and harmony will be studied along with the basic Music History and compositional skills. Students will also practice ear training and analysis of music literature.

Music Theory II

Prerequisite: Music Theory I

Description: Music Theory II is a yearlong course expanding upon the fundamentals of music mastered in Music Theory 1. Students will study 4 part writing, harmonic progression, species counterpoint, and form and analysis. This course is designed to prepare students for a university or conservatory level of music education.

PHYSICAL EDUCATION

P.E. 9

Prerequisite: None

Description: The ninth grade physical education course continues to review basic skills of volleyball, basketball, softball and soccer while developing more skills advanced skills and game strategies of these same sports. This course also covers the personal health requirements of the state of Kansas. Many units will be completed by a skills test, a written rules exam, and a physical fitness test. In addition, students will participate in recreational activities of weight lifting, aerobics and other team games. This may be a co-ed class.

Weightlifting 10, 11 & 12 – (semester or year)

Prerequisite: Physical education course or permission of teacher.

Description: The purpose of the advanced physical education course is to help an individual better condition his body through systematic weight, running, and agility programs. Individual wellness programs are developed to teach students “health for life” habits. Students are expected to dress and participate in each day’s activities. This may be a co-ed class.

Lifetime Sports 10, 11 & 12 – (semester or year)

Prerequisite: Freshman Physical Education course or permission of teacher.

Description: The purpose of this advanced physical education course is to participate in running, volleyball, basketball, tennis, badminton, golf, softball, track & field, soccer, and other fitness activities. Students are expected to dress and participate in each day’s activities.

Aerobics –(semester or year)

Prerequisite: PE 9

Description: The purpose of this advanced physical education course is to participate in different types of aerobic and fitness activities including Tae-bo, pilates, yoga, kickboxing, circuit training, dance, etc. The student will also develop individual fitness plans to be evaluated throughout the semester.

Team Sports –(semester year)

Prerequisite: PE 9

Description: Students will actively participate in skill development, lead-up activities, games, and team sports, which may include basketball, flag football, soccer, softball, volleyball, team Frisbee, and speedball.

Body Dynamics –(semester)

Prerequisite: PE 9

Description: Advanced training in speed training, plyometrics, and conditioning. A flexible program that enables the student to gain a higher level of conditioning for a variety of sports and lifetime fitness.

SPECIAL CATEGORIES

Volunteer Service Program

Prerequisite: Teacher Recommendation and Active Members of Volunteer Club, Grades 11th and 12th only

Description: The students in the Volunteer Program will serve as an innovative, instructional technique that will actively involve students in an area of study through volunteer projects within the Kansas City Area. The student will plan and implement a volunteer project every semester along with developing communication skills with community agencies and organizations. The students will develop organizational skills while planning and implementing their volunteer project. An evaluation process will consist of a visual presentation and a written document based on the project.

ACT Preparation (semester)

Prerequisite: Completed sophomore year. Completed Algebra I, Geometry, English I & II

Description: The course would be nine weeks of English preparation and nine weeks of science/math preparation focused on the ACT Test. Practice pre- and post- tests would be administered. A nine-weeks and semester grade would be given for completion of all assignments and improvement of a student's score on practice tests. The English component would feature writing, grammar, and reading practice as well as test-taking strategies for the reading and English sections of the ACT test. The science/math component would feature practice in analyzing charts and graphs, problem solving, technical reading along with test-taking strategies for both the science and math sections of the test.

This one-semester course would be staffed by and shared between an English teacher and a science/math teacher.

VOCATIONAL COURSES

Agricultural Education At Spring Hill High School

Note: the classes listed below do not count as science credits. All agricultural classes count as elective classes only.

Introduction to Agriculture (semester)

Prerequisite: Grades 9-11 only or with teacher permission

Description: This is a one-semester course that serves as a basic introduction to more advanced agricultural courses. The course content includes soils, careers in agriculture, livestock breeds, parliamentary procedure, marketing, FFA, food science and plant science. Agriculture is an applied science and students in this course will be able to apply and build upon what they have learned in prior science and math courses. **Students are required to start a Supervised Agriculture Experience program (SAE) in this course.** A SAE is a year-long supervised student project in agriculture that allows for hands-on experience outside the classroom. These hands-on activities and or projects in agriculture range from: job shadowing, research projects, community service projects, entrepreneurship, and job placement. Students are required to have an SAE every year while enrolled in an agriculture class. Membership in the FFA is encouraged. FFA members will have the opportunity to enhance their learning through competitive, leadership, and recreational activities outside of class.

Introduction to Agriculture II (semester)

Prerequisite: Grades 9-11 only or with teacher permission and completion of Introduction to Agriculture

Description: This is a continuation of Introduction to Agriculture I with a focus on Equine Science and Veterinarian Science. The course content will also include units of FFA and leadership. Students will spend one quarter on Equine and one quarter on Veterinarian Science. In Equine Science students will learn about all aspects of the horse industry, including tack, handling, training, feeding, selection and hoof care; anatomy and physiology. In Veterinarian Science students will have the opportunity to learn about careers and concepts in Veterinary Medicine. Course work includes units on anatomy and physiology of domesticated and companion animals; nutrition, handling and restraint, safety, sanitation and disease. Agriculture is an applied science and students in this course will be able to apply and build upon what they have learned in prior science and math courses. **Students are required to start and or continue a Supervised Agriculture Experience program (SAE) in this course.** A SAE is a year-long supervised student project in agriculture that allows for hands-on experience outside the classroom. These hands-on activities and or projects in agriculture range from: job shadowing, research projects, community service projects, entrepreneurship, and job placement. Students are required to have an SAE every year while enrolled in an agriculture class. Membership in the FFA is encouraged. FFA members will have the opportunity to enhance their learning through competitive, leadership, and recreational activities outside of class.

Animal Science and Health (year)

Prerequisite: Grades 10-12 and two semesters of Agriculture

Description: This course will introduce students to the fields of animal science, leadership, career, and personal development; the National FFA Organization; and Supervised Agriculture Experience (SAE) projects. Topics covered will include selection, care, nutrition, and management of the beef, swine, sheep, poultry, dairy, and equine; meats, animal processing and by-products; animal welfare and consumer concerns; project planning and personal development. **Supervised Agriculture Experience (SAE) is required.**

Veterinary Science (semester)

Prerequisite: Introduction to Agriculture and Animal Science

Recommendation: One Semester of Biology

Description: Semester long course which offers students the opportunity to learn about careers and concepts in Veterinary Medicine. Course work includes units on anatomy and physiology of domesticated and companion animals; nutrition, handling and restraint, safety, sanitation and disease. **Supervised Agriculture Experience (SAE) is required.**

Equine Science (semester)

Prerequisite: Grades 10 – 12 and two semesters of Agriculture

Description: Semester long course dealing strictly with horses. All aspects of the horse industry will be covered, including tack, handling, training, feeding, selection and hoof care; anatomy and physiology. **Supervised Agriculture Experience (SAE) is required.**

Natural Resources (semester)

Prerequisite: Introduction to Agriculture I or II

Description: This is a semester long course which offers students the opportunity to learn about careers and concepts in Natural Resources. The course content includes units of safety, air, water and wildlife management, wildlife habitats, conservation, forestry, ecosystems, soils, aquaculture and aquaponics, energy and land use. **Supervised Agriculture Experience (SAE) is required.**

Horticulture I (year)

Prerequisite: Grades 10 – 12 and Introduction to Agriculture

Description: This course will familiarize students with the disciplines of horticulture and plant management; leadership, career and personal development; the National FFA Organization; and Supervised Agriculture Experience (SAE) projects. Topics covered include identification of horticulture plants, preparation of soils and planting media, propagation of plants, seeds, and cuttings; production of vegetables and fruit crops; identification and control of plant pests; landscape design and management; indoor and outdoor greenhouse operations; and FFA. **Supervised Agriculture Experience (SAE) is required.**

Horticulture II (semester)

Prerequisite: Horticulture I – Grade 11-12

Description: This course will build on the students learned skills from Horticulture I. This course offers an advanced exploration in horticulture practices. Major areas of instruction include: basic flower arranging, pruning, introductory landscaping and design, lawn management, gardening, fruit production, plant growth and propagation, insect control, hydroponics, greenhouse management, and fertilization. Lab activities will supplement classroom instruction. Floriculture design, landscape architecture, turf management, fruit and vegetable production, and greenhouse/nursery operations are careers that will be explored in this area.

Supervised Agriculture Experience (SAE) is required.

Special Topics in Agriculture

Prerequisite: Grade 10-12 – recommendation of teacher, counselor and administrator.

Description: This course will introduce students to the fields of agronomy; plant science and soil science; animal science; leadership, career, and personal development; and SAE projects. Topics covered will include soils, breed identification, agricultural plants, horticulture, parliamentary procedure, landscaping, agricultural calculations, personal development, SAE, and food science. This course is available only by recommendation.

COURSE LISTS

Course	Grade	Length	Page
English I	9	year	8
English II	10	year	8
English III	11	year	8
English IV	12	year	9
Comp. I Honors	12	Sem.	9
Comp II Honors	12	Sem.	9
Debate I	9 thru 12	Sem.	9
Debate II	10 thru 12	Sem.	9
Debate III	11 thru 12	Sem.	10
Debate IV	12	Sem.	10
Journalism I	9 thru 11	Sem.	10
Newspaper Publication	10 thru 12	Year	10
Yearbook Publication	10 thru 12	Year	10
Secondary Reading	10 thru 11	Year	10
Journalism II	9 thru 12	Sem.	11
French I	9 thru 12	Year	11
Spanish I	9 thru 12	Year	11
French II	10 thru 12	Year	11
Spanish II	10 thru 12	Year	11
French III	11 thru 12	Year	12
Spanish III	11 thru 12	Year	12
Spanish IV	12	Year	12
Course	Grade	Length	Page
World History I	9	Year	12
Current Social Issues	11 thru 12	Sem.	12
Civics and Economics in Society	10	Sem.	13
American History	11	Year	13
Psychology	11 thru 12	Sem.	13
Sociology	11 thru 12	Sem.	13
American Government	12	Sem.	13
Course	Grade	Length	Page
Algebra I	9 thru 12	Year	14
Algebra A/B	9 thru 12	Year	14
Geometry	9 thru 12	Year	14
Geometry A/B	10 thru 12	Year	15
Algebra II	10 thru 12	Year	15
College Algebra	11 thru 12	Year	15
Pre-Calculus/Trig	11 thru 12	Year	15
College Prep Math	11 thru 12	Year	16
Calculus/Analytic Geometry Honors	11 thru 12	Year	16
Consumer Math	11 thru 12	Year	16

Course	Grade	Length	Page
Computer Apps I	9 thru 12	Sem.	16
Computer Apps II	9 thru 12	Sem.	17
Computer Apps III	10 thru 12	Sem.	17
Special Computers I	10 thru 12	Sem/yr	17
Special Computers II	10 thru 12	Sem/yr	17
Special Computers III	12	Year	17
Digital Video Production	10 thru 12	Year	18
Advanced Digital Video Production	11 thru 12	Year	18
21 st Century Communciations	10 thru 12	Sem.	18
Drafting	9 thru 12	Sem.	18
Drafting/CAD (CAD I)	10 thru 12	Sem/yr	18
Architecture Design (CAD II)	10 thru 12	Year	18
Research & Design (CAD III)	11 thru 12	Year	19
Course	Grade	Length	Page
Earth Space Science	10 thru 12	Year	19
Environmental Science	10 thru 12	Year	19
Biology	9 thru 12	Year	19
Biology II	10 thru 12	Year	19
Material Science Technology and Engineering	11 thru 12	Year	20
College Biology	12	Year	20
Chemistry I	10 thru 12	Year	20
Physics	10 thru 12	Year	21
Chemistry II Honors	11 thru 12	Year	21
Course	Grade	Length	Page
Business Essentials	9 thru 12	Sem.	21
Business Training	11 thru 12	Year	22
Business OJT	12	Year	22
Accounting I	10 thru 12	Year	22
Business Law	9 thru 12	Sem.	22
Entrepreneurship	11 thru 12	Sem.	22
Computerized Accounting II	11 thru 12	Year	22
Introduction to Craft Skills	9 thru 12	Sem.	22
Course	Grade	Length	Page
Parenting Skills	10 thru 12	Sem.	23
Human Growth & Development	10 thru 12	Sem.	23
Nutrition & Wellness	9 thru 12	Sem.	23
Nutrition & Wellness II	9 thru 12	Sem.	23
Career / Life Planning	9 thru 12	Sem.	23

Family, Career, and Community Connections	11 thru 12	Year	24
Course	Grade	Length	Page
Drama	9 thru 12	Year	24
Stagecraft	10 thru 12	Year	24
Acting	11 thru 12	Year	24
Course	Grade	Length	Page
Forensics I	9 thru 12	Sem.	24
Forensics II	10 thru 12	Sem.	25
Forensics III	11 thru 12	Sem.	25
Forensics IV	12	Sem.	25
Band	9 thru 12	Year	25
Introduction to Art	9 thru 12	Sem.	25
Drawing I	9 thru 12	Sem.	25
Principles of Design	10 thru 12	Sem.	26
Painting I	11 thru 12	Sem.	26
Painting II	10 thru	Sem.	26
Ceramics I	10 thru 12	Sem.	26
Ceramics II	10 thru 12	Sem.	26
Ceramics III	10 thru 12	Sem.	26
Ceramics IV	10 thru 12	Sem.	26
Computer Graphics I	9 thru 12	Sem.	26
Computer Graphics II	10 thru 12	Sem.	27
Strings	9 thru 12	Year	27
Beginning Chorus	9 thru 12	Year	27
Concert Choir	10 thru 12	Year	27
Madrigals	10 thru 12	Year	27
Destiny	10 thru 12	Year	28
Music Theory I	11 thru 12	Year	28
Music Theory II	12	Year	28
Course	Grade	Length	Page
PE 9	9	Year	28
Weightlifting	10 thru 12	Sem/yr	28
Lifetime Sports	10 thru 12	Sem/yr	28
Aerobics	10 thru 12	Sem/yr	29
Team Sports	10 thru 12	Sem/yr	29
Body Dynamics	10 thru 12	Sem/yr	29
Course	Grade	Length	Page
Volunteer Service Program	11 thru 12	Year	29
ACT Preparation	11 thru 12	Sem.	29
Course	Grade	Length	Page
Introduction to Ag. I	9 thru 11	Sem.	30
Introduction to Ag. II	9 thru 11	Sem.	30
Animal Science and Health	10 thru 12	Year	31
Vet Science	9 thru 12	Sem.	31
Equine Science	10 thru 12	Sem.	31
Natural Resources	10 thru 12	Sem.	31
Horticulture I	11 thru 12	Year	31
Horticulture II	10 thru 12	Year	32
Special Topics in Ag	10 thru 12	Year	32

COLLEGE NOW PROGRAM

There are three College Now classes offered here at SHHS. The semester classes (3 credit hours) are Composition 1 and Composition 2. The year course is Calculus 1 (5 credit hours). To qualify for admittance into Composition 1 and/or Calculus, a student must take the ACT and receive a 19 on the English sub-score and/or a 28 on the math sub-score. Students who do not qualify through the ACT must take the JCCC Assessment test. Students can take the Assessment test at anytime on the third floor of the Student Center on the JCCC campus IF they remember to bring a Photo ID and know their social security number. Call 469-3803 for the hours the Student Center is open for testing.

The first step for students wanting to take a JCCC class is to fill out the **JCCC application** and **Concurrent Enrollment Form** and submit it to JCCC. Then wait until the first week in the semester at which time a counselor will visit each of the College Now classrooms and provide the student with the appropriate CRN number. At this time, the student is instructed on how to go online to complete the enrollment process.

QUICK STEP CLASSES:

A Quick Step course is **ANY** course taken at JCCC or one of their satellite centers. **Enrolling in a Quick Step class is almost entirely up to the student and should be completed by June 1st.** First, a student must create a full schedule here at SHHS. After the student is enrolled in the JCCC class (must be on the JCCC campus), the student must take proof of enrollment to the guidance office, then two blocks will be dropped from their schedule. Students who are participating in sports or activities must understand that one three-hour course is equivalent in credit to one semester of high school credit. **Five courses (seminar and Teacher Aide don't count) are required for a student to be eligible for any Kansas State High School Activities Association activity. All five of these classes must be taken at Spring Hill High School during the regular school day.**

If a student has not received at least a 19 on the English sub-score **AND** a 28 (to qualify for Calculus) and a 26 (to qualify for College Algebra) on the Math sub-score of the ACT test they must take the Free Assessment at JCCC. The college gives the JCCC Assessment Test on the third floor of the Student Center on the JCCC campus. Students going to take the free assessment test should bring a student ID and know their social security number. Call JCCC at 469-3803 if you have questions about the assessment.

In addition to the test scores mentioned above, a **Concurrent Enrollment form** signed by the principal and a **JCCC application** must be completed and turned in to JCCC by the student. Both forms are available in the counseling office. Two weeks after the enrollment forms have been turned in the student can go online to select the classes they want to take.

Students receive College Credit for a Quick Step class and it is recorded on a JCCC transcript. Students **DO NOT** receive high school credit for a Quick Step Class **UNLESS** they request a transcript be sent from JCCC to SHHS **AND** notify the office they want it added to their High School Transcript. **Students who are in any KSHSAA activity will be required to put the minimum five courses on their high school transcript.**