

Hugoton High School

Course Selection
2011-2012



Table of Contents

Proposed New Courses	2
Hugoton High School Test-Out Policy	3
General Diploma Grad Requirements	4
Regents Curriculum Diploma Grad Req.	5
Kansas Scholars Grad Requirements	6
General Information and Policy	7
Agriculture	7
Art	8
Business	9,10
Engineering Technology	10,11
Foreign Language	11
Health/PE/Life Skills	12
Language Arts	13,14
Mathematics	15
Music	16
Science	16,17
Social Sciences	17,18
Supplemental Programs	18,19

New Electives Proposed for 2011-2012 - Not counted for Core Classes Unless Noted.

- 01063 Modern Novels** Grades 9 - 12 *1 unit credit*
The same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on a particular geographic regions. Students determine the underlying assumptions and values within the selected works; study how the literature reflects the land, society, and history of the region; and may study the influence of this literature on others. Oral discussion is an integral part of literature courses, and written compositions are often required.
- 01104 Creative Writing** Grades 9 - 12 *1 unit credit*
Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).
- 04149 **American History** Grades 9 - 12 *1 unit credit*
American History is a course designed to cover the social, political, and economic events that have shaped America from 1492 to present. The class is a concurrent college class in conjunction with SCCC. Fees and tuition rates apply. See Counselor for registration.
- 07002 Comparative Religion** Grades 9 - 12 *1 unit credit*
Comparative Religion courses survey and compare the various forms and values of several world religions, offering students a basic understanding of the world's diverse religious faiths and practices. Course topics typically include the belief systems of adherents; the relationships among humans, nature, ancestors, and the spiritual world; and the historical development of each religion.
- 07004 Western Religions** Grades 9 - 12 *1 unit credit*
Similar to Comparative religion, Western Religions courses provide students with an overview of various religions and belief systems but focus on those of the Western World. Particular religious or philosophical systems of study usually include Judaism; Christianity (including various faiths such as those of Catholics, Episcopalians, Baptists, Quakers, Mormons, Mennonites, and others); and Native Indian belief systems, among others.
- 07008 Bible History** Grades 9 - 12 *1 unit credit*
Bible History courses treat the Bible as a historical document and provide an overview of significant biblical events. The content usually includes geography; the relationship among cultures, belief systems, and the events chronicled in the Bible; and early Jewish or Christian Church history.
- 07013 Religious Ethics and Morality** Grades 9 - 12 *1 unit credit*
Usually including an introduction to or examination of the tenets of a particular faith, Religious Ethics and Morality courses seek to enable students to apply the moral teachings of a faith to their own lives, to the larger community, and to their decision-making processes. Course Content may focus on such issues as peace and justice, death and dying, human sexuality, professional ethics, and human rights. Bible History courses treat the Bible as a historical document and provide an overview of significant biblical events. The content usually includes geography; the relationship among cultures, belief systems, and the events chronicled in the Bible; and early Jewish or Christian Church history.
- 08001 Advanced PE** Grades 10 - 12 *1 unit credit*
Physical Education course provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.
- 22205B Basic Sewing Skills** (*limit 10 students*) Grades: 9 - 12 *1 unit credit*
Start from the beginning to learn basic mending skills like sewing on a button, repairing a tear, putting in a hem, etc. This class will also take you through learning to make something using a pattern. Students will need to have some of their own basic sewing tools which they can purchase from the instructor or on their own. They will also be required to provide the materials and notions needed for most of their projects.
- 04155 Current Events** Grades: 10 - 12 1 semester *.5 unit credit*
Current Events is designed to introduce students to some of the important issues facing the United States and the world today. It will allow the students a major say in which issues are studied and will provide students an opportunity to demonstrate and understand some of the complexities involved in current issues.
- 05154 Creative Art - Comprehensive 1** Grades: 9 - 12 *1 unit credit*
Creative Art - Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion an exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.
- 05154a Creative Art - Comprehensive 2** Grades: 10 - 12 *1 unit credit*
Creative Art - Comprehensive 2 - *Pre requisite - Creative Art - Comprehensive 1*
- 05154b Creative Art - Comprehensive 3** Grades: 10 - 12 *1 unit credit*
Creative Art - Comprehensive 3 - *Pre requisite - Creative Art - Comprehensive 2*
- 05154c Creative Art - Comprehensive 4** Grades: 10 - 12 *1 unit credit*
Creative Art - Comprehensive 4 - *Pre requisite - Creative Art - Comprehensive 3*
- 22001 Act Prep** Grades: 10 - 12 *1 unit credit*
Standardized Test Preparation courses help prepare students for national standardized tests such as the PSAT, SAT, and ACT. In particular, these courses assist students in developing and/or expanding their vocabulary, test-taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixed; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies.
- 22002 State Test Prep** Grades: 10 - 12 *1 unit credit*
State Test Preparation courses prepare students for particular state tests required for graduation. These courses may cover specific content areas (such as citizenship, mathematics, language arts, and so on) according to individual student needs, or they may provide a more general course of study, similar to the Standardized Test Preparation course described above.

Hugoton High School Test - Out Policy

Each student of Hugoton High School may make a request to test - out of the following courses:

LA 9	Algebra I	French II
LA 10	Geometry	Government
LA 11	Algebra II	Psychology
LA 12	Business/Consumer Math	Geography/World History
Emerging Technologies	Advanced Math/Trigonometry	US History
Calculus	Spanish I	Physical Science
Intro to Algebra	Spanish II	Biology
	French I	

Requests must be made to the high school counselor No Later than May 1st. Requirements for test-out are available in the counselor's office. The following guidelines exist for the test-out program:

1. Students must score a minimum of 90%
2. Students will receive a letter grade if they score 90% or above.
3. Students will not be allowed to test down. *Example: Student takes Algebra I as an entering freshman and requests to test-out of Intro to Algebra.*
4. Students will only have one opportunity to test-out for each course.

KSHAA Eligibility Requirements

To be eligible for participation in Kansas State High School Activities Association sponsored activities a student must:

*Have passed at least five new subjects during the previous semester or the last semester of attendance

*Be enrolled and attending a minimum of five subjects during the present semester

*Be a bona fide student in good standing

*Have a KSHSAA physical examination on file prior to the first practice

*Refrain from engaging in outside competition in the same sport during a season which he/she is representing the school

Criteria For Valedictorian/Salutatorian Consideration - Class 2012 & beyond

The Valedictorian and salutatorian award are presented to graduating seniors who have completed the requirements for the diploma of distinction with the highest and second highest cumulative percentage grade point average respectively. The grade point average will be computed at the conclusion of the **eighth (8th)** semester and will be based on the average percentage scored in class. Semester percentage grades will be used to compute grade point averages. In the event of a tie for valedictorian, there will not be a student or students named as Salutatorian. In the event that a tie for Salutatorian, the grade point average will be computed to the nearest one one thousands (.001). Class ranking will be calculated for the purpose of scholarships and student financial aid as designated by post secondary institutions and local organizations. In addition, class ranking will be determined by GPA.

Language Arts - 4 Units (three of which must be 10th, 11th, and 12th grade AC English);

Foreign Language - 2 units (Same Language);

Mathematics - 4 units at or above Algebra I

(Algebra I, Geometry, Algebra II, College Algebra/Trigonometry, Advanced Math and Trigonometry, High School Calculus, College Calculus);

Science - 3 units (Biology, Chemistry, Physics, College Biology, Human Anatomy-Physiology);

Social Studies - 3 units;

Computer Technology - 1 unit ; **Fine Arts** - 1 unit

*Mathematics units do not include Applied Math and Introduction to Algebra.

*If given prior permission, Valedictorian and Salutatorian candidates substituting correspondence courses in place of required courses, must have received credit for the course(s) by the end of the seventh semester grading period.

General Diploma Graduation Requirements

4 units	English - LA 9, LA 10, LA 11, LA 12
3 units	Mathematics
3 units	Social Sciences
3 units	Science
1 unit	Fine Art
1 unit	Computer Technology
1 unit	Health/PE
9 units	Electives
25 units	Total Units required for graduation from HHS

*One credit is equal to successful completion in a one-year class.
*One-half credit is equal to successful completion in a semester class.

Schedule Design for General Diploma

<p>9th Grade</p> <ul style="list-style-type: none"> • Physical Dimensions • Computer Applications • English 9/9AC • Physical Science • Math • 3 Electives (possible Fine Art) 	<p>10th Grade</p> <ul style="list-style-type: none"> • English 10/10AC • Biology • Geography/World History • Math • 4 Electives (possible Fine Art)
<p>11th Grade</p> <ul style="list-style-type: none"> • English 11/11AC • Science • Math • U. S. History • 5 Electives (possible Fine Art) 	<p>12th Grade</p> <ul style="list-style-type: none"> • English 12/12AC • Government/Economics • 6 Electives (possible Fine Art)

Regents Curriculum Diploma Graduation Requirements

4 units	English - LA 9, LA 10, LA 11, LA 12
3 units	Mathematics - Students must take one unit of Algebra I, Algebra II, and Geometry. Any course with Algebra II as a prerequisite AND students must meet the ACT college readiness math benchmark. Completion of any of the three required math courses prior to entering high school satisfies the requirement for that course, but does not count as high school credit for Hugoton High School.
3 units	Social Sciences - Students must complete the following: US History, ½ unit US Government, ½ unit from Psychology, Economics, Sociology, Geography/World History
3 units	Science - At Least one unit must be in Chemistry or Physics, Biology, Advanced Biology, Physical/Earth/Space Science,
1 unit	Fine Art - (HHS requirement for graduation)
1 unit	Computer Technology (HHS requirement for graduation)
1 unit	Health/PE (HHS requirement for graduation)
7 units	Electives (HHS graduation requirement)
25 units	Total Units required for graduation from HHS

**One credit is equal to successful completion in a one-year class.*

**One-half credit is equal to successful completion in a semester class.*

*You must meet one of the following requirements to qualify for admission to any of the six Kansas Regents Universities: *Complete the pre-college curriculum with at least a 2.0 Pre-college grade point average on a 4.0 scale*

**Achieve an ACT score of 21 or above; or*

**Rank in the top 15% of your high school's graduating class.*

Schedule Design for Qualified Admissions pre college Curriculum Diploma

<p>9th Grade</p> <ul style="list-style-type: none"> • Physical Dimensions • Emerging Technologies • English 9/9AC • Physical Science • Math (Algebra I or higher) • 3 Electives (possible Fine Art) 	<p>10th Grade</p> <ul style="list-style-type: none"> • English 10/10AC • Biology • Geography/World History • Math (Algebra I or higher) • 4 Electives (possible Fine Art)
<p>11th Grade</p> <ul style="list-style-type: none"> • English 11/11AC • Chemistry • Math (Algebra I or higher) • U. S. History • 5 Electives (possible Fine Art) 	<p>12th Grade</p> <ul style="list-style-type: none"> • English 12/12AC • Government/Economics • 6 Electives (possible Fine Art) • 4th Math or Student must meet the the ACT College Readiness math benchmark

Kansas Scholars Graduation Requirements

4 units	English - One unit to be taken each year. Must include substantial, recurrent practice in writing, extensive and structured papers, extensive reading of significant literature and significant experience in speaking and listening.
4 units	Mathematics - Algebra I, Algebra II and Geometry plus one year of higher-level mathematics such as Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics or Functions is required. Algebra I taken in the 8th grade is acceptable.
3 units	Social Sciences - students must complete the following: one unit of US History (including a minimum of one-half unit of US Government); one-half unit selected from World History-World Geography- International Relations; and up to one unit selected from Psychology-Economics-US Government-US History-Current Social Issues-Sociology-Anthropology-Race and Ethnic Group Relations. A one-half unit course may not be used to fulfill more than one requirement.
3 units	Science - One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Two years of one of the above courses may not substitute for a third course. Any substitutions must be in the disciplinary area, but may not substitute Anatomy and Physiology for Physics. Physical Science or General Science courses are unacceptable due to their general nature.
2 units	Foreign Language - Must have two years of one language.
1 unit	Fine Art - (HHS requirement for graduation)
1 unit	Computer Technology (HHS requirement for graduation)
1 unit	Health/PE (HHS requirement for graduation)
6 units	Electives (HHS graduation requirement)
25 units	Total Units required for graduation from HHS

**One credit is equal to successful completion in a one-year class.*

**One-half credit is equal to successful completion in a semester class.*

*You must meet one of the following requirements to qualify for admission to any of the six Kansas Regents Universities: *Complete the pre-college curriculum with at least a 2.0 Pre-college grade point average on a 4.0 scale*

**Achieve an ACT score of 21 or above; or*

**Rank in the top 15% of your high school's graduating class.*

Schedule Design for Kansas Scholars Curriculum

<p>9th Grade</p> <ul style="list-style-type: none"> • Physical Dimensions • Emerging Technologies • English 9/9AC • Physical Science • Algebra II • 3 Electives (possible Fine Art, Foreign Language) 	<p>10th Grade</p> <ul style="list-style-type: none"> • English 10/10AC • Biology • Geography/World History • Geometry • 4 Electives (possible Fine Art, Foreign Language)
<p>11th Grade</p> <ul style="list-style-type: none"> • English 11/11AC • Chemistry • Adv. Math & Trig/College Algebra • U. S. History • 5 Electives (possible Fine Art, Foreign Language) 	<p>12th Grade</p> <ul style="list-style-type: none"> • English 12/12AC • Government/Economics • HS Calculus/Col. Calculus • Physics • 6 Electives (possible Fine Art, Foreign Language)

General Information and Policy

- Students who desire a schedule change for either semester should make arrangements with the counselor before the semester begins. Late schedule changes will be made as deemed necessary by the administration.
- Classes listed on enrollment forms may be canceled by the administration if enrollments are low.
- Students who have failed a semester or more of a required subject must either take the course in winter/summer school or retake during the following year, dependent on which course that has been failed.
- To meet the “Fine Arts” graduation requirement a student must take at least one full unit credit from any of the following: All art classes, all music classes, Forensics, Children’s Theater, Acting, and Journalism/Yearbook.

Course/Department Descriptions

Agriculture

	Course Name	Unit of Credit	Grade Level			
			9	10	11	12
18002	Agri-Science	1	9	10	11	12
18101	Animal Science	1		10	11	12
18305	Food Science	1		10	11	12
18052	Horticulture	1		10	11	12
18401	Agriculture Mechanics	1		10	11	12
18402	Adv. Ag Mechanics	1			11	12
18201	Agribusiness	1			11	12
18403	Agriculture Structures	1			11	12

18002 Agri-Science Grades: 9 - 12 1 unit credit
 Introductory course for students in Agricultural Sciences. Course work includes basic instruction in animal sciences, plant sciences, horticulture, Ag mechanics technologies, FFA Leadership skills, responsibility, trust and an overview of career opportunities in agriculture.
Class format: group discussion, classroom/laboratory demonstrations, group projects, laboratory work, presentations and career development skills.

18101 Animal Science (Agri - Science preferred but not required) Grades: 10-12 1 unit credit
 Provides an overview of the animal production industry and how the biological sciences apply to the growth and development of animals. Topics covered include animal growth and development, animal anatomy and physiology, animal reproduction, artificial insemination, embryo transfer, animal nutrition and feeding, genetics and animal selection.
Class format: group discussion, classroom/laboratory demonstrations, group projects, laboratory work, individual career development skills and field trips.

18305 Food Science (Agri-Science preferred but not required, offered 2011-2012) Grades: 10 - 12 1 unit credit
 An introductory study of Agriculture commodities processing, providing an overview of the general knowledge of the procedures and technologies used in producing/processing grain, meat, milk and bio-fuels with emphasis on career skill development applicable to these industries.
Class format: group discussion, classroom/laboratory demonstrations, group projects, laboratory work, individual career development skills and field trips.

18052 Horticulture (Agri-Science preferred but not required) Grades: 10 - 12 1 unit credit
 Introductory course for students interested in the horticulture science field. Topics covered include overview of the horticulture industry, basic plant science, soils, plant propagation, plant and seed identification, landscape maintenance, landscape installation, turf grass management, basic floral design, and greenhouse production practices.
Class format: discussion, laboratory demonstration, group projects, individual development skills and field trips.

- 18401 Agriculture Mechanics** Grades: 10 - 12 1 unit credit
 (Agri-Science required and an instructor approved project plan must be in place before the end of the first nine weeks of school.)
 Course designed for students interested in additional study in the metal manufacturing field and other areas of mechanical technologies. Emphasis is placed on the relationship of mechanics and agriculture. Topics covered include safety, basic welding processes, machine tool use, machinery maintenance, and project construction.
 Class format: group discussion, laboratory demonstrations, individual skill work, and project construction.
- 18402 Advanced Agriculture Mechanics** Grades: 11 - 12 1 unit credit
 (Agriculture Mechanics required, instructor approved project plan must be in place before the end of the first nine weeks of school.)
 Designed for additional study of the Agriculture Mechanics areas of advanced welding, Ag electrification/electronics, plumbing, soil/water management, FFA Leadership, with emphasis on career skills and job applications.
 Class format: discussion, laboratory demonstrations, individual skill work, and project construction.
- 18201 Agribusiness** Grades: 11 - 12 1 unit credit
 (Completion of Agri-science is required)
 This course provides students experience in business and personal finance through business evaluation with emphasis on career development event areas, record keeping, and leadership development. Students will gain hands on experience through student projects in the class and their SAE program.
 Class format: discussion, guest speakers, interviews with business leaders, presentations and field trips.
- 18403 Agriculture Structures** Grades: 11 - 12 1 unit credit
 (Completion of Agri-science is required)
 Agriculture Structures courses provide students with the skills and knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures
 Class format: discussion, guest speakers, interviews with business leaders, presentations and field trips.

Art

	Course Name	Unit of Credit	Grade Level			
			9	10	11	12
O5154	Creative Art - Comprehensive 1	1.0	9	10	11	12
O5154a	Creative Art - Comprehensive 2	1.0		10	11	12
O5154b	Creative Art - Comprehensive 3	1.0			11	12
O5154c	Creative Art - Comprehensive 4	1.0				12

A student may only enroll in two art classes each semester. All classes include some reading and written material.

- 05154 Creative Art - Comprehensive 1** Grades: 9 - 12 1 unit credit
 Creative Art - Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion an exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.
- 05154a Creative Art - Comprehensive 2** Grades: 10 - 12 1 unit credit
 Creative Art - Comprehensive 2 - Pre requisite - Creative Art - Comprehensive 1
- 05154b Creative Art - Comprehensive 3** Grades: 11 - 12 1 unit credit
 Creative Art - Comprehensive 3 - Pre requisite - Creative Art - Comprehensive 2
- 05154c Creative Art - Comprehensive 4** Grades: 12 1 unit credit
 Creative Art - Comprehensive 4 - Pre requisite - Creative Art - Comprehensive 3



Business

	Course Name	Unit of Credit	Grade Level			
12104	Accounting I	1.00		10	11	12
12104B	Accounting II	1.00		10	11	12
12054	Business Law (even Years)	1.00		10	11	12
12003	Bus. Leadership/Tech/Entre.	1.00		10	11	12
12002	Bus. Tech./Entre./OJT/IHT	1.00			11	12
10004	Emerging Technologies	1.00	9	10	11	12
12153	Fashion Marketing	1.00			11	12
10203	Interactive Media	1.00		10	11	12
12051	Intro. To Business(odd years)	1.00		10	11	12
12149	Personal Finance	1.00		10	11	12
10201	Web Page Design	1.00		10	11	12

12104 Accounting I

Grades: 10 - 12

1 unit credit

Accounting I is designed for students interested in pursuing a business degree in college or interested in the financial aspects for a business career. Students will learn the accounting concepts to complete the entire accounting cycle and will focus on computerized accounting by simulating accounting concepts in the business setting.

This course offers a 3rd nine weeks study in personal finance. The goal is to empower the students to make sound financial decisions for life. The curriculum is authored by Dave Ramsey and provides unique tools to teach the basics of personal finance; using methods that are both entertaining and engaging on which they can build their financial future.

12054 Business Law (taught in even years)

Grades: 10 - 12

1 unit credit

Business Law is a challenging and worthwhile course dealing with the basic fundamentals of law and the legal system. The purpose of this course is to provide students with a comprehension of their legal rights and responsibilities in everyday business operations. Privacy, harassment, and current legal issues are studied. Knowing more about the laws of our "litigious society" can help students avoid legal conflicts in their professional and personal lives. The course will focus on actual legal cases.

12003 Business Leadership/Technology/Entrepreneurship

Grades: 10-12

1 unit credit

This class is specifically offered for FBLA (Future Business Leaders of America) members and officers. The class offers a combination of instruction and activities to empower the student to be an effective business leader. The course meets the requirements for career objectives as well as the occupational objectives of the student. The course allows students to use their acquired classroom skills in a real job setting. The purpose is to simulate the business environment by utilizing live production work so students will experience the skills, knowledge and attitudes that accompany working in a business setting. In addition, the FBLA members will be provided with study sessions to prepare for the State Leadership Conference; as well as hear from guest speakers that are local business professionals. *Prerequisite: Open to FBLA members and officers only.*

12001 Business Technology/Entrepreneurship/OJT/IHT

Grades: 11-12

1 unit credit

A combination of Business Technology, Entrepreneurship, On-the-Job Training and In-House Training. This course meets the requirements for career objectives as well as occupational objectives of the student. The course allows students to use their acquired classroom skills in a real job setting. The purpose is to simulate a business environment by utilizing live production work so students will experience the skills, knowledge and attitudes that accompany working in a business setting. The class work experience will be on live production work obtained from the community: e. g. business and industry, volunteer agencies, religious organizations community clubs and organizations, civic organizations, and school districts. Students may be "hired" for small jobs such as newsletters, business cards, address labels, wedding invitations, programs or creating web pages. In this way, students gain on-the-job experience while assisting the Hugoton community. *Prerequisite: permission by instructor and successful completion of Emerging Technologies (C or better).*

10040 Emerging Technologies

Grades 9-12

1 unit credit

New advances in technology offer promise of more efficiency, convergence of existing technologies, improved productivity and represent progressive development. The degree of impact, status, deployment and economic viability affect future opportunities for society. This course offers opportunity to learn, utilize, and appreciate those impacts in future workforce environments.

12153 Fashion Marketing/Retailing

Grades: 11 - 12

1 unit credit

Fashion Marketing provides an in-depth analysis of the skills required for careers in fashion marketing, management and merchandising. Students will examine success stories within the world of fashion, learn the significant role e-commerce plays in fashion marketing and get hands on experience working through a fashion marketing activity designed to give them a real-world glimpse of the fashion world.

Retailing introduces students to the exciting and competitive world of retail marketing, management and merchandising. Through retailing, students will learn about the global nature of marketing, the growing importance of e-commerce, the significance of technology in the marketing world and the crucial role ethics plays in any business endeavor. *Prerequisite: student must have successfully completed one (1) business elective, instructor approval prior to enrollment in this class.*

10203 Interactive Media

Grades: 10 - 12,

1 unit credit

Provides students with the knowledge and skills necessary for success in web careers and electronic commerce. Students will start with PhotoShop. They will learn to write HTML (Hyper Text Markup Language) which is the official language of the Internet. They will learn *Adobe Dreamweaver* which will allow them to plan, develop, and design dynamic, interactive World Wide Web documents that can be published via the Internet. They will learn actual process for accomplishing web publication and will have the opportunity to acquire skills to manage web/e-commerce sites, build shopping carts, develop graphics utilizing graphic editing software, develop animated images utilizing animation software, perform web application maintenance, manipulate web software applications, and perform advanced web-based multimedia and database applications along with learning basics of importing/exporting. There is no homework assigned. Class time is available to complete assignments, if necessary because of absence or sickness, students may come in during Seminar or by arrangement made between student and teacher. Late assignments are not penalized but they must be turned in no later than one week before the end of grading period unless otherwise specified by the instructor.

12051 Introduction to Business

Grades: 10 - 12

1 unit credit

Will provide a clear understanding of what businesses are, how they operate, and how they are managed. This class should give students a better understanding of the business world as they prepare for business careers or other careers. Students will gain information on how to manage a successful business and will discover the importance of business in our global economy.

12149 Personal Finance

Grades: 10 - 12

1 unit credit

Personal Finance provides an in-depth analysis of real life skills and how to apply these skills. What this class has to offer will benefit you now and after high school. Topics include: Career Decisions- choosing a career, planning for a career, getting a job, work laws, career development; Money Management - pay/benefits and working conditions, federal income tax, budgets and financial records, checking accounts and other banking services, assessing your financial health; Financial Security - saving for the future, investing for the future, investing in stocks, investing in bonds, investing in mutual funds/real estate, retirement and estate planning, assessing financial security; Credit Management - managing credit and debt, responsibilities and costs of credit, credit in America; Resource Management - personal decision making, renting a residence, buying a home, buying and caring for a vehicle, family decisions, managing resources; Risk Management - intro to risk management, property and liability insurance, health and life insurance, managing personal risks; Consumer Rights and Responsibilities - role of consumers in a free enterprise system, consumer protection, dispute resolution, exploring ethical issues.

10201 Web Page Design

Grades: 10 - 12

1 unit credit

Students will learn how to create and maintain web pages for the District Web Site. Using Publisher, they will learn tools to make creative and informative pages that reflect the integrity and mission of our district. *Prerequisite: Successful completion of Emerging Technologies with a grade of "C" or above. Instructor approval before enrollment.*

Engineering Technology

	Course Name	Unit of Credit	Grade Level			
21102	Drafting	1.00	9			
17007	Cabinetmaking & Furniture Design I	1.00	9	10	11	12
38007	Cabinetmaking & Furniture Design II	1.00		10	11	12
17001	Intro to Industrial Technology	1.00	9			
17009	Remodel & Building Maintenance	0.50	9	10	11	12
17009B	Remodel & Building Maintenance	0.50	9	10	11	12
17002	Residential Carpentry I	1.00	9	10	11	12
21109	Research & Design for Pre-Construction	1.00		10	11	12

21102 Drafting

Grade 9

1 unit credit

Engineering Applications courses provide students with an overview of the practical uses of a variety of engineering applications. Topics covered usually include hydraulics, pneumatics, computer interfacing, robotics, computer-aided design, computer numerical control, and electronics.

17007 Cabinetmaking & Furniture Design I

Grades 9-12

1 unit credit

Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodworking. 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.

38007 Cabinetmaking & Furniture Design II

Grades 10-12

1 unit credit

Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodworking. 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.

17001 Introduction to Industrial Technology

Grade 9

1 unit credit

Construction Career Exploration courses expose students to the opportunities available in construction - related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

17009 Remodel and Building Maintenance

Grades 9 - 12, 1st semester

.5 unit credit

Building Maintenance courses train students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of air conditioning, heating, plumbing, electrical, and other mechanical systems. Topics covered may include identifying and using hand and power tools safely; installing and repairing floor coverings, walls, and ceilings; installing and repairing doors, windows, screens, and cabinets; applying finishes to prepared surfaces; and repairing roofs, masonry, plumbing, and electrical systems.

17009B Remodel and Building Maintenance

Grades 9 - 12, 2nd semester

.5 unit credit

Building Maintenance courses train students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of air conditioning, heating, plumbing, electrical, and other mechanical systems. Topics covered may include identifying and using hand and power tools safely; installing and repairing floor coverings, walls, and ceilings; installing and repairing doors, windows, screens, and cabinets; applying finishes to prepared surfaces; and repairing roofs, masonry, plumbing, and electrical systems.

17002 Residential Carpentry I

Grades 9 - 12

1 unit credit

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.

21109 Research and Design for Pre-Construction

Grades 10 - 12

1 unit credit

Advanced research and application course that covers specific topics in design and pre-construction (drafting/architecture) to include management and "green design" skills.

Foreign Language

	Course Name	Unit of Credit	Grade Level			
O6101	Spanish I	1.00	9	10	11	12
O6102	Spanish II	1.00	9	10	11	12
O6103	Spanish III	1.00		10	11	12
O6103B	Advanced Spanish	1.00	9	10	11	12

06101 Spanish I

Grades: 9 -12

1 unit credit

Spanish I is designed to introduce students to the study of a second language. Emphasis will be given to establishing basic listening, speaking, reading and writing skills. Students will learn greetings, vocabulary relating to school, family relationships, housekeeping and shopping. They will also learn all regular and many irregular present tense verb conjugations. Attention is paid to promoting cultural Mexico and the Latino influence in the United States. This course will establish fundamental language skills and motivate students to communicate in a second language.

06102 Spanish II

Grades: 9 -12

1 unit credit

Spanish II builds on and expands the listening, speaking, reading, writing and conversational skills established in *Spanish I*. Students will learn preterit, imperfect, future and imperative tense verb conjugations (indicative mood). They will learn vocabulary relating to food, meals at home and in a restaurant, shopping, health, feelings, vacations and celebration. Students will research different Spanish speaking countries with an emphasis on South American countries and cultures. The course will prepare students with skills necessary to read, write, listen, and converse in everyday settings.

06103 Spanish III (*prerequisite Spanish I and II or approval of teacher if student is a native speaker*)

Grades: 10 -12

1 unit credit

This course is designed for the advanced Spanish student. Students will study the mechanics of Spanish grammar, spelling and punctuation. They will study all fifteen verb conjugations, learning the differences in each and how to conjugate, spell and use them correctly. They will be exposed to a variety of Spanish literature which they will read, analyze and discuss. They will research the current events, art, music and cuisine of Spanish speaking countries, and they will experience extensive writing and conversation practice. This course is open only to those who have taken *Spanish I and II* or who have tested out of *Spanish I and II* **and** have the teacher's recommendation.

06103B Advanced Spanish

Grades: 9 -12

1 unit credit

Designed for students who are native Spanish speakers, for whom Spanish is their first language. Students will learn the grammatical mechanics of their language and become familiar with well known authors who wrote in Spanish. They will learn correct grammar by analyzing literature, and they will research current events, art, music, and cuisine of Spanish speaking countries. The course will also provide students the opportunity to discover and explore Mexican history, geography, worldview, and customs and to study the impact Hispanic immigration has had on the United States.

Health and Physical Education

	Course Name	Unit of Credit	Grade Level			
O8051	Physical Dimensions	1.00	9			
O8009	Advanced Weightlifting & Fitness	1.00		10	11	12
O8005	Circuit Training	1.00		10	11	12
O8005B	Weightlifting & Fitness	1.00	9	10	11	12
O8001	Advanced PE	1.00		10	11	12

O8051 Physical Dimensions (9th grade boys and girls) 1 unit credit
 Designed to provide high school students with the knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. Three areas of focus in the course are: Health-related fitness, lifetime physical activity, and health/wellness concept skills. The curriculum consists of four, three-week segments for each area. Students receive three weeks of instruction in each of the three areas, every nine weeks.

O8009 Advanced Weightlifting & Fitness Grades 10-12 1 unit credit
 Designed to improve an individual's over-all body by incorporating stretching, agility drills, running and weightlifting. By the end of the year, a person's strength, quickness and coordination should be greatly improved. The primary focus of this class is athletic development.

O8005 Circuit Training Grades 10-12 1 unit credit
(Prerequisite - pass the Freshmen Physical Dimensions course with a B average or higher. Students taking this class should be involved in at least two sports or extra-curricular activities during the school year.) Designed to focus on physical conditioning in which one moves from one exercise to another, usually in a series of different stations or pieces of equipment. The course will focus on skill, fundamental and technique development and will improve ones overall fitness and skill development. The primary focus is athletic development. *(Speed/Endurance/Strength/Agility/Quickness)*

O8005B Weightlifting and Fitness Grades 9-12 1 unit credit
 Designed to improve an individual's over-all body by incorporating stretching, agility drills, running and weightlifting. By the end of the year, a person's strength, quickness and coordination should be greatly improved.

8001 Advanced PE Grades 10 - 12 1 unit credit
 Physical Education course provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Life Skills

	Course Name	Unit of Credit	Grade Level			
22205	Making It On Your Own	1.00	9	10	11	12
22202	Nutrition, Foods and Wellness	1.00	9	10	11	12
19052	Healthy Child's World	1.00	9	10	11	12
22101	Transitional Leadership	1.00	9	10		
22205B	Basic Sewing Skills	1.00	9	10	11	12

22205 "Making It" On your Own "Bachelor Survival" Grades: 9 - 12 1 unit credit
 "Where is Mom when you need her?" Learn how to survive on your own. You will also experience what it is like to take care of yourself. (cook on an outside grill - crafts - etc.) Cooking, laundry, managing your money, checkbook management, etc. are some of the skills that will be practiced. Included are basic mending and sewing skills for the young adult along with possible construction of an item of the student' s choice. Learn how to fend for yourself and live "On your Own".

22202 Nutrition, Foods and Wellness Grades: 9 - 12 1 unit credit
 Explore nutrition exercise and your metabolism as they are integrated into your daily routine for a healthy lifestyle. Learn that living a healthful life includes exercise and smart food choices. Included are cooking and basic kitchen skills.

19052 Healthy Child's World Grades: 9 - 12 1 unit credit
 Students will explore the physical intellectual, emotional and social development of a child from conception to 3 years. The primary focus of this class is on children, parenting and you. We study children, families and effective parenting skills as well as teen pregnancy and parenthood. The class also studies pregnancy and childbirth in which we delve into conception, prenatal development and preparing for birth and baby's arrival. Students will create a resource book of creative activities and useful information for babysitting and child care endeavors. Students will participate in the "Baby Think It Over" experience in which they will tend to an "infant" in a real life manner.

22101 Transitional Leadership

Grades: 9 - 10

1 unit credit

Your choices through high school will affect the rest of your life. Emphasis will be on: working on habits needed to transfer smoothly into the high school setting, skills that focus on time management, organizational skills, study habits and other areas needed to be successful at the high school level. Participants in this class will practice Leadership skill such as how to make a good 1st Impression, speaking in front of others, introducing yourself, Good Self-Concept, and The Golden Rule (treating others like you want to be treated). *Learn what it takes to be responsible and take charge of your life.*

22205B Basic Sewing Skills

Grades: 9 - 12

1 unit credit

Start from the beginning to learn basic mending skills like sewing on a button, repairing a tear, putting in a hem, etc. This class will also take you through learning to make something using a pattern. Students will need to have some of their own basic sewing tools which they can purchase from the instructor or on their own. They will also be required to provide the materials and notions needed for most of their projects.

Language Arts

	Course Name	Unit of Credit	Grade Level			
			9	10	11	12
O1001	LA 9	1	9	10	11	12
O1101A	LA 9AC	1	9			
O1002	LA10	1		10	11	12
O1001B	LA 10AC	1		10		
O1054	LA 11	1			11	12
O1102	LA 11AC	1			11	
O1056	LA 12	1				12
O1103	LA 12AC	1				12
O1154	Forensics	0.5	9	10	11	12
O1153	Debate	0.5	9	10	11	12
11101	Journalis/Yearbook	1	9	10	11	12
O5051	Acting	0.5	9	10	11	12
O5055	Children's Theater	0.5	9	10	11	12
O1066	AR Reading	1	9	10	11	12

01001 LA 9

Grade 9 - 12

1 unit credit

Class will concentrate on reinforcement of paragraph structure, putting thoughts more critically and clearly on paper. Literary analysis and examination of major literary works will be given through study of works such as Romeo and Juliet, and Lord of the Flies. Students will also be introduced to library research skills.

01101A LA 9AC

Grade 9

1 unit credit

Students will cover the same material as LA 9 while extending that material to more depth. The students will be required to do more multi-paragraph and creative writing as well as participate in in-depth analysis of reading. A research paper will be required and will emphasize the six-trait writing model.

In order to be placed in LA9AC, each student must meet three of the following criteria: GPA of 3.5 in 7th and 8th grade English; Exceed Standard or Exemplary scores on 8th grade Kansas Reading Assessment; Score of 221 or higher on the 8th grade MAP assessment; Teacher recommendation. In order to remain in LA9AC the second semester, each student must maintain an 80% average in LA9AC the first semester.

01002 LA 10

Grades 10 - 12

1 unit credit

Course will provide intermediate instruction in writing and literature, with a focus on six-trait writing and various forms of literature, including short stories, poetry, novels, and drama. The writing portion of the course will utilize computer technology in the production of essays, research papers and other writing projects. The course will build upon instruction received during the freshman year and prepare students for instruction to be received during the junior year of language arts. A research paper will be required and will emphasize the six-trait writing model.

01101B LA 10AC

Grade 10

1 unit credit

LA10AC will introduce the five paragraph format through an emphasis on six-trait writing. Other forms of expression such as technical writing will also be introduced. Students are encouraged to critically analyze literary work, looking for symbolism, thematic devices, etc. The research paper is introduced, showing students techniques for note-taking, locating information and synthesizing the information found to develop a paper. Additional importance is placed on informative speeches and format for speaking.

To be placed in LA10AC, students must have an 80% or higher grade in LA9 or LA9AC and be recommended by their LA9 teacher. To remain in LA10AC the second semester, students must maintain an 80% average or higher in LA10AC first semester. LA 10 AC is required for Val/Sal consideration.

01054 LA 11 Grades 11 - 12 1 unit credit
LA11 will integrate reading, writing, grammar and vocabulary into a whole language approach centered around the analysis of American literature and its historical significance. Emphasis will be placed on the six-trait writing model as exemplified in the five-paragraph theme. Again, various technical writing assignments will be made to show students a variety of methods to present information. Research from a variety of sources will be emphasized in the research paper unit.

01102 LA 11AC Grades 11 1 unit credit
LA11AC will integrate reading, writing, grammar and vocabulary into a whole language approach centered around the analysis of American literature and its significance to the historical time periods in which it was written to a more in-depth, with more interdisciplinary connections than the regular language arts class. Emphasis will be placed on the six-trait writing model as exemplified in the five-paragraph theme.
To be placed in LA11AC, students must have an 80% or higher grade in LA10 or LA10AC and be recommended by their LA10 teacher. To remain in LA11AC the second semester, students must maintain an 80% or higher GPA in LA11AC first semester. LA11AC is required for Val/Sal consideration.

01056 LA 12 Grade 12 1 unit credit
LA12 will integrate reading, writing, grammar and vocabulary into a whole language approach centered around English literature. Emphasis will be placed on the six-trait writing model as exemplified in multi-paragraph essays culminating in the senior research paper.

01103 LA 12AC Grade 12 1 unit credit
LA12AC will integrate reading, writing, grammar and vocabulary with an emphasis on the development and changes in English literature and the writing process in critical analysis of various major works. A variety of expression such as technical writing forms will be used also. The varieties of organization of the multiple-paragraph structures will be explored. The works studied will be analyzed more in depth, seeking critical evaluation from the students. The research project will allow students to bring together information from a variety of sources and mediums.
To be placed in LA12AC, students must meet the following criteria: 80% or higher in LA11 or LA11AC; recommendation by their LA11 teacher. To remain in LA12AC the second semester, students must maintain an 80% or higher in LA12AC first semester. LA12AC is required for Val/Sal consideration

01154 Forensics Grades 9 - 12 .5 unit credit
Designed to develop individual speaking talents through competitive and classroom speech activities. Students enrolled in *Forensics* will be expected to participate in weekend tournaments and assist in the management of the local tournament. In addition, students will be required to compete in 50% of scheduled tournaments. *Pre-requisite: returning students must have approval from instructor.*

01153 Debate Grades 9 - 12 .5 unit credit
Debate is designed to develop speech, research and thinking skills through competitive debate experience. Students will be required to attend and participate in 50% of debate tournaments throughout the season as part of their final debate evaluation. Students will also be required to attend and participate in hosting the Hugoton High School Debate Tournament. Students must maintain a 2.5 GPA in order to take this course or have a letter of recommendation from a member of the high school language arts department. *Pre-requisite: returning students must have approval from instructor.*

11101 Journalism/Yearbook Grades 9 - 12 1 unit credit
Students enrolling in *Journalism/Yearbook* MUST have a minimum average grade of **C+** in Language Arts. Staff members will produce *The Eagle's Cry* and *The Eagle* yearbook. Course requirements include writing, reporting, editing, design, layout, story planning, staff organization and photography. **Meeting of all production deadlines is mandatory.** *Students must maintain a C or higher and meet deadlines to remain in the course. Staff members will be required to attend ONE workshop.*

05051 Acting Grades 9 - 12 .5 unit credit
Acting will cover basic elements of acting, for example: blocking, characterization and script analysis. It will also cover the technical aspects of theatre as well as the history of drama. Students repeating this course will meet the basic requirements of the class and work with the technical aspects of a production.

05055 Children's Theater Grades 9 - 12 .5 unit credit
Theater production as a whole will be the basis of this course. Based around the preparatory scenes and production of a children's play, students will be required to contribute to each part of the production. Students will perform at the local elementary school and for various groups throughout the semester.

01066 AR Reading Grades 9 - 12 1 unit credit
AR is a class for credit, therefore the entire period will be used for reading and assigned work. Homework for other classes will not be permitted. Students will select AR books to read and take an AR quiz when the book is completed. Each day, a provided log will be filled out during the last 2 minutes of class recording what was read during that class period. Students will complete the STAR test during the first and fourth nine weeks to determine their reading level and in turn set their required number of points.

Mathematics

	Course Name	Unit of Credit	Grade Level			
O2051	Intro to Algebra	1	9	10		
O2052	Algebra I	1	9	10	11	
O2056	Algebra II	1	9	10	11	12
O2072	Geometry	1	9	10	11	12
O2057	College Algebra	0.5			11	12
O2103	College Trigonometry	0.5			11	12
O2106	Adv. Math & Trig	1		10	11	12
O2105	Calculus	1		10	11	12
MA110	Math Skills	1	9	10	11	12

02051 Introduction to Algebra

Grade 9 - 10

1 unit credit

Designed to allow students to master arithmetic skills in their preparation for Algebra I. Algebraic concepts, such as dealing with variables are introduced, as are geometric problems dealing with perimeter, area and volume. Story problems that contain ratios or percents are stressed throughout the course.

02052 Algebra I

Grades 9 - 11

1 unit credit

Algebra I picks up where *Introduction to Algebra* leaves off. There is a great deal of overlap with the Intro course, but this course extends into simplifying more complicated expressions and solving more complicated equations.

02056 Algebra II

Grades 9 - 12

1 unit credit

Algebra II follows *Algebra I* or can be taken concurrently with *Geometry*. It reinforces geometry concepts, while extending the algebraic concepts started in *Intro to Algebra* and *Algebra I*. Problem solving is stressed, particularly as it relates to other disciplines, especially the science. Students also get an introduction to trigonometry and analytical geometry. (*Prerequisite: Algebra I or Algebra I.5*)

02072 Geometry

Grade 9 - 12

1 unit credit

Geometry is designed to provide a study of postulates, theorems, and geometric symbols. The course is to follow *Algebra II* or can be taken concurrently with *Algebra II*. (*Prerequisite: Algebra I*)

02057 **College Algebra

Grade 11 - 12

.5 unit credit

College Algebra follows successful completion of *Algebra II*. A passing score on the **COMPASS TEST or and ACT score in Math of 20+** is required to enroll in this class. It is a concurrent enrollment class worth three credit hours lecture at the college level through SCCC and ½ math credit at the high school level. *College Algebra* is offered only during the first semester and serves as a prerequisite for *College Trigonometry* which is offered second semester. Success in college level mathematics courses begins with a good understanding of algebra and the goal of this course is to help the student develop that understanding. (*Prerequisite: Algebra II and a passing COMPASS score or ACT Math score of 20+*)

02103 **College Trigonometry

Grade 11 - 12

.5 unit credit

College Trigonometry is a concurrent enrollment class worth three credit hours lecture at the college level through SCCC and ½ math credit at the high school level. *College Trigonometry* is offered only during the second semester following successful completion of *College Algebra*. *College Trigonometry* serves as a prerequisite for *Pre-Calculus*. (*Prerequisite: College Algebra*)

02106 Advanced Math & Trigonometry

Grades 10 - 12

1 unit credit

A very rigorous course, *Advanced Math and Trigonometry* stresses abstract problem solving, analytical geometry, and trigonometry. Students will work a great deal with advance algebraic concepts like logarithms, binomial expansion, and analysis of functions and relations. Success in this class will almost insure good preparation for success in college-level mathematics. (*Prerequisite: Algebra II*).

02105 Calculus

Grades 10 - 12

1 unit credit

Calculus studies topics traditionally offered in the first year of calculus in college. Topics studied include: limits, continuity, derivatives, integrals or algebraic and transcendental functions and their applications, and elementary differential equations. The class prepares the student for college-level mathematics. (*Prerequisite: Advanced Math & Trigonometry or College Trigonometry*)

MA110 Math Skills

Grades 9 - 12

1 unit credit

Designed to assist students in acquiring the skills necessary to pass proficiency examinations.

Music

	Course Name	Unit of Credit	Grade Level			
			9	10	11	12
O5110	Chorus	1	9	10	11	12
O5101	Band	1	9	10	11	12
O5108	Music Fundamentals	1	9	10	11	12
O5107	Piano	1	9	10	11	12

05110 Chorus Grades 9 - 12 1 unit credit
 Chorus is designed for those who truly enjoy singing and who like to be a part of a performing group. The class practices on vocal fundamentals and performs a varied repertoire of styles for concerts and competition. Students will perform in three concerts per year as well as League and State Music Festivals. (*Prerequisite: must be able to match pitch*)

05101 Band Grades 9 - 12 1 unit credit
 Band is intended for students who have had at least two years of study on a wind, brass, or percussion instrument. The class studies and performs music of various stylistic periods through participation in marching band, pep band, and concert ensemble. Advanced training in technique and interpretation of music is also offered in this course, as well as opportunities for solo and small ensemble performance.

05108 Music Fundamentals Grades 9 - 12 1 unit credit
 Intended for students who are currently involved in band and/or choir and are motivated to study music beyond just performance. The class is beneficial to any student thinking about studying music in college. Activities include: theory, composition, history and listening to many different types of music. The use of technology in the creation and production of music will also be explored.

05107 Piano Grades 9 - 12 1 unit credit
 Designed for those who have no or limited experience playing the piano. Students will learn the basics of piano playing including: reading music, basic theory (the way music is constructed), scales and major and minor keys. At times, students will also compose their own music and will have the opportunity to perform for each other within the classroom setting. The instruction is individualized to account for the various learning styles and abilities of each student.

Science

	Course Name	Unit of Credit	Grade Level			
			9	10	11	12
O3159	Physical Science	1	9	10		
O3159B	Physical Science AC	1	9			
O3051	Biology	1		10	11	12
O3101	Chemistry	1		10	11	12
O3151	Physics	1			11	12
O3062	Science of Southwest Kansas	1			11	12
O3052	College Biology and Lab	1			11	12
O3054	College Human Anatomy and Lab	0.5			11	12
O3055	College Human Physiology and Lab	0.5			11	12

03159 Physical Science Grades: 9 - 12, based on Kansas State Standards 1 unit credit
 Designed to develop abilities necessary to do and understand science inquiry. Students should develop an understanding of the structure of atoms, compounds, chemical reactions, and the interactions of energy and matter. They should develop an understanding of the relationships between force and motion, the conservation of mass and energy, and the first and second laws of thermodynamics. They will also develop an understanding of the earth system, our solar system, organization of the science and technology, science in personal and environmental perspectives and science as a human endeavor through the nature of scientific knowledge and historical perspectives.

03159B Physical Science AC Grades: 9 based on Kansas State Standards 1 unit credit
 Physical Science AC students will cover the same basic material as Physical Science but will be required to pursue more material in more depth. Additional importance will be placed on interdisciplinary connections.
 For placing in Physical Science AC three of the following criteria must be met: The student receiving all A's in 7th and 8th grade science—each semester; Student is in the top 15% of his/her class; The student having scored advanced or exemplary on his/her 8th grade Math State Assessment; The student having scored advanced or exemplary on his/her 8th grade Reading State Assessment; or The student having scored advanced or exemplary on his/her 7th grade Science State Assessment.

03051 Biology Grades: 10 - 12 1 unit credit
Biology will take a hands-on approach to the study of life science (*Biology*). Tools such as computers and the multimedia, along with regular science lab equipment, will be used to accomplish the course goals.

03101 Chemistry Grades: 10 - 12 , Prerequisite Algebra II 1 unit credit
 Chemistry is designed to develop an understanding of the composition, structure and properties of matter and the changes it undergoes. Students will learn the basics of chemistry including: conversion between units, atomic structure, electron configuration, history and theories of matter, bonding, writing, chemical formulas, writing and balancing chemical equations, gas law, concentrations of solutions, acids and bases, and oxidation-reduction reactions. *A good understanding of math is a necessity for this course.*

03151 Physics Grade 11 - 12 , Prerequisite Trigonometry 1 unit credit
 Designed to develop an understanding of the behavior and properties of matter in a wide variety of contexts. The *Physics* student will learn the basics of physics including: conversion between units, the laws and properties of matter and the forces acting upon it, linear motion in one and two

03062 Science of Southwest Kansas Grades: 11- 12 1 unit credit
 Science of southwest Kansas will cover the science currently being practiced in our area. This will be a hands on approach to the application of science knowledge and skills. Students will use tools such as computers, laboratories, field trips and modern implementation of knowledge. There will be discussion instruction over ecology and job opportunities in the science industry.

03052 **College Biology and Lab Grades: 11- 12 Prerequisite: **Biology and passed COMPASS TEST or ACT Reading Score of 18+)**Dual credit both semesters 1 unit credit
Five college credit hours. *The class will be the entire year.* A foundation emphasizing human interaction and place within all levels of the biosphere and the scientific process. College Biology will incorporate six unifying principles: 1) Evolution: Patterns and Products of Change, 2) Interaction and Interdependence, 3) Genetic Continuity and Reproduction, 4) Growth, Development, and Differentiation, 5) Energy, and Organization, and 6) Maintenance of Dynamic Equilibrium. Inquiry oriented investigations will be used to introduce, explore, and expand on concepts discussed in the classroom.

03054 **College Human Anatomy and Lab Grades: 11 - 12 Prerequisite: **College Biology, or ACT Reading Score of 18+ or an "A" in Biology)** Dual credit 1st semester .5 unit credit
Four college credit hours. *Designed to fulfill the requirements for two year and/or four year degrees pursued by students entering the fields of medical related sciences, physical education, and biological sciences.* Structure of the human body on a cell, tissue, organ, and system level will be covered. The course will cover applications of anatomy and physiology with emphasis on the field of medicine.

03055 **College Human Physiology and Lab Grades: 11 - 12 (Prerequisite: **College Biolgy or an "A" in Biology)** Dual Credit, 2nd semester .5 unit credit
Four Credit Hours. *Designed to fulfill the requirements for two year and/or four year degrees pursued by students entering the fields of medical related sciences, physical education, and biological sciences.* System functions of the human body and related diseases (pathophysiology) will be covered.

Social Sciences

	Course Name	Unit of Credit	Grade Level		
			10	11	12
O4051	Geography & World History	1			
O4101	United States History	1			
O4151	American/US Government	0.5			
O4155	Current Events	0.5	10	11	12
O4202	Economics	0.5		11	12
O4254	Psychology	0.5			12
O4100	American National Government	0.5			12
O4256	General Psychology	0.5			12
O4258	Principles of Sociology	0.5			12
O4149	American History	1		11	12

04051 Geography & World History Grades: 10 - 12 1 unit credit
 The course consists of a review of world history from the beginning of time through the Middle Ages. Emphasis will be modern history - the Renaissance to the present. Political geography will be incorporated in this course. *All students must successfully complete one credit of world history in high school.*

04101 United States History Grades: 11 - 12 1 unit credit
 US History covers the discovery and settlement of America from the fifteenth century to the present constitution, presidential administrations, major political highlights, foreign policy, economic changes, immigration, and the general development of the country.

04151 American/US Government Grade 12 1 semester .5 unit credit
American Government will cover the Constitution of the United States, the administration of the national government, a study of state government operation, and the local governments used in the U. S.

04155 Current Events Grades: 10 - 12 1 semester .5 unit credit
Current Events is designed to introduce students to some of the important issues facing the United States and the world today. It will allow the students a major say in which issues are studied and will provide students an opportunity to demonstrate and understand some of the complexities involved in current issues.

04202 Economics Grades: 11- 12 1 semester .5 unit credit
Economics is designed to give students an understanding of economics. The course will increase the student's economic literacy in order that they may better understand economic development within our country and around the world. It will also provide a background in economic theory, which will aid students in any future study or economics.

04254 Psychology Grade 12 1 semester .5 unit credit
Psychology is designed to help each student understand him or herself and his/her own personal problems, to develop understanding of social problems, to increase ability to live harmoniously with others, and to provide instruction in the elementary principles of psychology.

04100 **American National Government Grade 12 **Dual Credit 1 semester** .5 unit credit
Three College credit hours. This class offers concrete ways to meet civic responsibilities and exercise civic rights. The class includes ideas for developing and promoting political agendas, understanding the agendas of others, and navigating the rules of government to promote those agendas. Within this dual credit course it is meant to provide comprehensive coverage informed by the guiding themes of power and citizenship as well as tools of analysis and participation that will stay with the student. By the use of the text, statistics in the form of charts and graphs, will examine the demographic trends that shape our national culture. This information is meant to help students to understand not only who we are, but also to consider how the characteristics, habits and lives of real people relate to the political issues that shape our society. Textbook to be determined by SCCC and paid for by student.

04256 **General Psychology Grade 12 **Dual Credit 1 semester** .5 unit credit
Three College credit hours. (three hours lecture) Survey courses of human behavior. The student will be introduced to the development and learning aspects of human behavior. Specific emphasis is placed on motivation, emotion, personality, perception, social interaction, adjustment and mental health.
Division Statement: The mission of the Humanities and Social Sciences is to foster and appreciation of the role that the humanities and social sciences has played in the evolution of civilized society and to explore the ways that an understanding of theory and practice in philosophy, the social sciences, the fine arts, and written and oral expression will enable students to participate thoughtfully in a global society.
Department Statement: The mission of Behavioral Sciences is to provide opportunities to improve and enhance each student's understanding and comprehension of the forces that have shaped and influenced the human condition.

04258 **Principles of Sociology Grade 12 **Dual Credit 1 semester** .5 unit credit
Three College credit hours. (three hours lecture) This course will study the factors in the social life of people. It will include the study of group behavior, culture, socialization, social groups. The nature of specific organizations of groups; their activities and the social influences that affect personalities, behavior and social change.
Division Statement: The mission of the Humanities and Social Sciences is to foster and appreciation of the role that the humanities and social sciences has played in the evolution of civilized society and to explore the ways that an understanding of theory and practice in philosophy, the social sciences, the fine arts, and written and oral expression will enable students to participate thoughtfully in a global society.
Department Statement: The mission of Behavioral Sciences is to provide opportunities to improve and enhance each student's understanding and comprehension of the forces that have shaped and influenced the human condition. Textbook to be determined by SCCC and paid for by student.

04149 **American History Grades 9 - 12 1 unit credit
 American History is a course designed to cover the social, political, and economic events that have shaped America from 1492 to present. The class is a concurrent college class in conjunction with SCCC. Fees and tuition rates apply. See Counselor for registration.

Supplemental Programs

	Course Name	Unit of Credit	Grade Level			
22003	At Risk Tutoring	1	9	10	11	12
01067	Read 180	1	9	10	11	12
22051	Student Aide	1				12
22998	Work Study	0.5				12
19054	Certified Nurses Aide	0			11	12
14154	Medical Terminology	0			11	12

22005 At Risk Tutoring Grades: 9 - 12 1 unit credit
 Tutoring class is for students that are lacking credit to graduate, grades are down in two (2) or more classes, and by teacher recommendation.
 Tutoring is designed for the student needing assistance in understanding the regular classroom assignments. It is not designed as a study hall. Students will be required to bring all assignments to class for the instructor to monitor their completion and understanding of regular classroom assignments. It will require willingness and total cooperation on the part of the student. Lessons and assignments pertaining to study skills will also be part of the class.

01067 Read 180

Grades: 9 - 12

1 unit credit

Read 180 is an intensive reading improvement program designed to help students with low reading scores. Students work to increase reading comprehension and vocabulary skills. Each student is required to work daily on the Read 180 computer program, complete reading and vocabulary lessons, read a minimum number of novels per quarter, and do projects and quizzes over the books read for class. In order to be placed in the Read 180 program, a student may have one or more of the following criteria: a score on the state assessment of Approaches Standard or Academic Warning; a score of 900 or lower of the SRI (Scholastic Reading Inventory) Assessment; a score of 900 or lower on the Lexile section of the MAP Reading Assessment; be recommended by a teacher; be enrolled by a parent.

22051 Student Aide

Grade 12

1 unit credit

Available to **SENIORS ONLY**. Various opportunities are available throughout the district including positions located at the elementary school, middle school and high school. Each student is assigned to a supervising staff member and is evaluated at the end of each nine week grading period. Evaluations are conducted on a pass/fail basis and are not computed as part of the cumulative grade point average. **Students may not work directly under the supervision of a family member.**

22298 Work StudyGrade 12, **2nd semester only**

.5 unit credit

Available to **SENIORS ONLY** who desire to supplement their course schedule with work experience. The number of hours allowed to receive elective credit are specified in the Hugoton High School Handbook. Each student is evaluated at the end of each nine week grading period. Students are required to seek their own job locations, and each job must be approved by the principal. Evaluations are conducted on a pass/fail basis, and are not computed as part of the cumulative grade point average. **Students may not work directly under the supervision of a family member.**

19054 Certified Nurse Aide (CNA)Grade 11 - 12 **2nd semester only**

0 unit credit

The Certified Nurses Aide course is offered through SCCC. This course is a certification course and does not qualify for dual or concurrent credit. There is a fee of \$450.00 which must be paid by the student and is required before class begins. Students will also need to invest in uniforms and equipment.

14154 Medical TerminologyGrade 11 - 12 **1st semester only**

0 unit credit

Medical Terminology is offered through SCCC. Students interested in CNA course must take the medical terminology prior to entering CAN. In Medical Terminology courses, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. The course does not qualify for dual or concurrent credit. There is a fee which must be paid by the student and is required before class begins.

1226 Vo - Tech - See Counselor

