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INTRODUCTION

The purpose of the Program of Studies is to describe the courses offered, requirements for graduation, guidelines for course selection and an explanation of enrollment. We encourage you to read through this program of studies carefully and take advantage of the large range of opportunities provided.

The Ottawa High School course of study is set up through a career path curriculum. Beginning in the 9th grade, students and their parents are encouraged to select a course of study from among five curriculum career paths. Those paths are: (1) Agricultural & Natural Resources, (2) Arts & Communication, (3) Business, Information, Management & Marketing, (4) Engineering & Industrial Technology, (5) Health & Related Services, & (6) Social & Human Services. We believe that students need a challenging course of study that is focused toward a career area that is selected, followed and taught. You are encouraged to develop an individual academic plan that supports future educational and career goals.

GRADUATION

GRADUATION REQUIREMENTS

Graduation requirements for high school students are established according to state statutes, the State Board of Education regulation, and the policy of the Board of Education of District 290.

1.	Language Arts	4 credits
	English 9	1 credit
	English 10	1 credit
	English 11	1 credit
	English 12	1 credit
2.	Mathematics	3 credits
3.	Science	3 credits
4.	Physical Education	1 credit
	PE9/Health	1 credit
5.	Social Science	3 credits
	World History (Grade 10)	1 credit
	American History (Grade 11)	1 credit
	American Government (Grade 12)	½ credit
	Economics (Grade 12)	½ credit
6.	Fine Arts	1 credit
	Includes:	
	Drama	Journalism
	Music	Debate/Forensics
	Foreign Language	Art
	Speech	Creative Writing
7.	Practical Arts	1 credit
	Includes:	
	Business	Vocational Education
	Home Economics	Computer Science
	Industrial Education	
8.	Electives	11
TOTAL CREDITS NEEDED TO GRADUATE		27

Students must meet all the above requirements to be eligible to participate in the graduation exercises

QUALIFIED ADMISSIONS

Pre-college Curriculum Requirements for Regents Universities

Students applying to any of the six Kansas Regents universities must meet certain admission criteria. It's important that you and your family know and understand these requirements so you are ready for college when you graduate from high school. You should regularly review your education plan with your high school counselor and your parents to make sure you are on the right track.

Employers, business leaders and educators agree today's students need the communication and critical thinking skills that set the foundation of life-long learning. The development of such skills are enhanced through a rigorous curriculum of English, math, natural science and social studies. The Kansas pre-college requirements are built upon such a curriculum.

The courses you take during high school and how well you do in those classes, will impact your plans after high school. Studying hard in high school opens the door to universities and improves your chances for scholarships.

To qualify for admission to any of the six Kansas Regents universities, you must meet one of the following requirements:

- ...Complete the pre-college curriculum with at least a 2.0 grade point average (GPA) on a 4.0 scale; or,
- ...Achieve an ACT score of 21 or above: or,
- ...Rank in the top one-third of your high school's graduation class.

The following outlines the high school courses that are required to meet the requirements for admission to any of the Kansas Regents universities:

English – 4 units required

At least one unit of English or language arts must be taken each year of high school.

Natural Science – 3 units required

Students must take three units chosen from the following courses. At least one unit must be in chemistry or physics.

- ...Biology
- ...Advanced Biology
- ...Chemistry
- ...Physical/Earth/Space Science; and/or,
- ...Physics

Mathematics – 3 units required

Students must take three units of math in high school at or above the level of Algebra 1. This must include Algebra 2.

Social Sciences – 3 units required

Students must complete the following:

- ...One unit of U.S. History
- ...One-half unit of U.S. Government
- ...One unit selected from one or more courses in psychology,

economics, civics, history, current social issues, sociology, anthropology and/or race and ethnic relations.

...One-half unit selected from world history, world geography, or international relations.

Computer Technology – 1 unit required

...One unit of computer technology is required.

...Applicants to the Regents universities may fulfill this requirement by passing a proficiency examination offered by the Regents universities.

PRE-COLLEGE CURRICULUM REQUIREMENTS FOR SCHOLARSHIP APPLICANTS

As a Kansas High School graduate, you may be eligible for one of three state-sponsored Scholarship programs.

...State Scholarship Program;

...Minority Scholarship Program;

...Kansas Teachers Scholarship.

To be eligible for one of these scholarships, you must complete all the required courses for the pre-college curriculum plus an additional three units, as follows:

...Mathematics – 1 additional unit, total of 4 units required.

In addition to Algebra 1, Algebra 2 and Geometry, students are required to complete one unit of advanced mathematics selected from analytic geometry, trigonometry, advanced algebra, probability and statistics, functions or calculus.

...Foreign Language – 2 units required

Students are required to complete two high school units of one foreign language.

...Natural Science

Students applying for a state sponsored scholarship must take Biology, Chemistry and Physics.

NCAA ELIGIBILITY

Know The Rules:

- **Starting August 1, 2008, 16 core courses** will be required for **NCAA 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.
- **14 core courses are required in NCAA Division II**. See the breakdown of core-course requirements below.

Test Scores

- **Division I** has a sliding scale for test score and grade-point average. Check the NCAA Clearinghouse website to check this scale.
- **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 999 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.
- **Be sure** to look at your high school's list of NCAA-approved core courses on the clearinghouse Web site to make certain that 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 clearinghouse site.
- **The Division II** grade-point-average requirement is a minimum of 2.000.

<p style="text-align: center;">DIVISION I 16 CORE-COURSE RULE 2008 and after</p> <p>16 Core Courses:</p> <ul style="list-style-type: none">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 science2 years of social science.4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).
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<p style="text-align: center;">DIVISION II 2005 and after</p> <p>14 Core Courses:</p> <ul style="list-style-type: none">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 year of additional English, mathematics or natural/physical science2 years of social science.3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).
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Please Note: For students first entering any college or university on or after August 1, 2005, **computer science** courses may only be used for initial-eligibility purposes if the course receives graduation credit in mathematics or natural/physical science and is listed as such on the high school's list of NCAA-approved core courses. Visit <https://www.ncaaclearinghouse.net/> for registering a student.

CAREER PATHS

Career paths are clusters of occupations/careers that are grouped because many of the people in them share similar interests and strengths. All paths include a variety of occupations that require different levels of education and training. Selecting a career path provides students with an area of focus, along with flexibility and a variety of ideas to pursue.

WHY CAREER PATHS CURRICULUM?

A major concern for students, parents, and teachers is career planning and preparation for all students. With this in mind, the staff of Ottawa High School has made an effort to help our students find their abilities, assess their interests and prepare them for continued learning in the workplace or at a post secondary school or university. By selecting a career path that reflects these interests and abilities, students are preparing themselves for the future. The intent is not for the students to decide on a specific occupation for the rest of their lives, but to select a career path into which they can begin directing their energies. Improving student achievement by focusing on interest and abilities is a key factor in the curriculum development of the career paths.

In order to help students choose a career path, each student participates in a career program called Choices. This program helps the students find their interest areas and helps point them into one of the six career paths.

CAREER DEVELOPMENT

The Counseling Department provides activities for students to develop self-awareness and career decision-making skills through the use of Kansas Career Pipeline. In addition, students will also use the Bridges Choices Career Program to help them find out more about how their personality can affect their career choice.

Agriculture and Natural Resources

Subject	9th Grade	10th Grade	11th Grade	12th Grade
Social Science/ Humanities	<ul style="list-style-type: none"> ▣ None Required 	<ul style="list-style-type: none"> ▣ World History 	<ul style="list-style-type: none"> ▣ American History 	<ul style="list-style-type: none"> ▣ Government and Economics
Technical Specialty	<ul style="list-style-type: none"> ▣ Ag Science Technology 1 ▣ Computer Tech ▣ Desktop Publishing ▣ Foreign Language ▣ General Business ▣ Intro to Technology ▣ Speech ▣ Succeeding in Today's World 	<ul style="list-style-type: none"> ▣ Accounting 1 ▣ Ag Science Tech 2 ▣ Business Law ▣ Career & Life Planning ▣ Computer Tech ▣ Foreign Language ▣ General Business ▣ Internet ▣ Personal Finance ▣ Resource Management ▣ Speech ▣ Welding 	<ul style="list-style-type: none"> ▣ Accounting 1 ▣ Accounting 2 ▣ Advanced Web Design ▣ Ag, Science & Tech 3 ▣ College Psychology ▣ College Speech ▣ Foreign Language ▣ Internet ▣ Psychology ▣ Welding 	<ul style="list-style-type: none"> ▣ Accounting 2 ▣ Advanced Ag Science ▣ Advanced Web Design ▣ Ag./ SAE on-the-job-training ▣ Careers ▣ College Psychology ▣ College Speech ▣ Foreign Language ▣ Psychology ▣ Sociology ▣ Welding
Science	<ul style="list-style-type: none"> ▣ Biology 	<ul style="list-style-type: none"> ▣ Intro to Physics ▣ Chemistry 	<ul style="list-style-type: none"> ▣ Advanced Biology ▣ Chemistry ▣ Coll. Biology & Lab ▣ Physics 	<ul style="list-style-type: none"> ▣ Advanced Biology ▣ Chemistry ▣ Coll Biology & Lab Physics
Math	<ul style="list-style-type: none"> ▣ Algebra ▣ Geometry 	<ul style="list-style-type: none"> ▣ Algebra 1 ▣ Algebra 2 ▣ Geometry 	<ul style="list-style-type: none"> ▣ Algebra 2 ▣ Trig/ Adv Math 	<ul style="list-style-type: none"> ▣ Calculus ▣ Coll. Algebra ▣ Trig/ Adv Math
English	<ul style="list-style-type: none"> ▣ CP English 9 ▣ English 9 	<ul style="list-style-type: none"> ▣ CP English 10 ▣ English 10 	<ul style="list-style-type: none"> ▣ CP English 11 ▣ English 11 	<ul style="list-style-type: none"> ▣ CP English 12 ▣ Coll. Comp. 1 & 2 ▣ English 12
Physical Education/ Health	<ul style="list-style-type: none"> ▣ PE9/ Health 	<ul style="list-style-type: none"> ▣ None Required 	<ul style="list-style-type: none"> ▣ None Required 	<ul style="list-style-type: none"> ▣ None Required

Arts and Communications

Subject	9th Grade	10th Grade	11th Grade	12th Grade
Social Science/ Humanities	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ World History 	<ul style="list-style-type: none"> ■ American History 	<ul style="list-style-type: none"> ■ Am. Government/ Economics
Technical Specialty	<ul style="list-style-type: none"> ■ Band ■ Basic Art ■ Computer Tech ■ Concert Choir ■ Creative Writing ■ Desktop Publishing ■ Exploring Fashion, Textiles & Interiors ■ Foreign Language ■ Men's / Women's Chorus ■ Jazz Band ■ Journalism ■ Music Appreciation ■ Music Theory ■ Speech ■ Succeeding in Today's World ■ Young Adult Literature 	<ul style="list-style-type: none"> ■ Advanced Fashion, Textiles & Fashion ■ Band ■ Basic Art ■ Career & Life Planning ■ Clay Construction ■ Computer Technology ■ Concert Choir ■ Creative Writing ■ Debate ■ Drawing/ Painting ■ Foreign Language ■ Forensics ■ General Business ■ Girls Glee ■ Intro to Theatre ■ Jazz Band ■ Journalism ■ Resource Management ■ Sculpture ■ Speech ■ Vocal & Instrumental Music ■ Young Adult Literature 	<ul style="list-style-type: none"> ■ Advanced Art ■ Advanced Fashion, Textiles & Fashion ■ Band ■ Careers in Fashion, Textiles & Interiors ■ Ceramics ■ Clay Construction ■ College Speech ■ Concert Choir ■ Creative Writing ■ Debate ■ Design ■ Desktop Publishing ■ Drawing ■ Exploring Fashion, Textiles & Interiors ■ Foreign Languages ■ Forensics ■ General Business ■ Men's / Women's Chorus ■ Instrumental Music ■ Jazz Band ■ Jewelry ■ Journalism ■ Newspaper ■ Painting ■ Printmaking ■ Sculpture ■ Yearbook ■ Young Adult Literature 	<ul style="list-style-type: none"> ■ Advanced Art ■ Advanced Theater ■ Band ■ Business Law ■ Careers in Fashion, Textiles & Interiors ■ Ceramics ■ Clay Construction ■ College Speech ■ Concert Choir ■ Creative Writing ■ Debate ■ Design ■ Desktop Publishing ■ Drawing ■ Foreign Languages ■ Forensics ■ Men's / Women's Chorus ■ Jazz Band ■ Jewelry ■ Journalism ■ Newspaper ■ Painting ■ Personal Finance ■ Printmaking ■ Sculpture ■ Vocal and Instrumental Music ■ Yearbook
Science	<ul style="list-style-type: none"> ■ Biology 	<ul style="list-style-type: none"> ■ Intro to Physics ■ Chemistry 	<ul style="list-style-type: none"> ■ Advanced Biology ■ Chemistry ■ General Science 	<ul style="list-style-type: none"> ■ Advanced Biology ■ Chemistry ■ College Biology & Lab ■ Physics
Math	<ul style="list-style-type: none"> ■ Algebra I ■ Geometry 	<ul style="list-style-type: none"> ■ Algebra 2 ■ Geometry 	<ul style="list-style-type: none"> ■ Algebra 2 ■ Coll Algebra ■ Trig/ adv Math 	<ul style="list-style-type: none"> ■ Calculus ■ Coll Algebra ■ Trig/ Adv Math
English	<ul style="list-style-type: none"> ■ CP English 9 ■ English 9 	<ul style="list-style-type: none"> ■ CP English 10 ■ English 10 	<ul style="list-style-type: none"> ■ CP English 11 ■ English 11 	<ul style="list-style-type: none"> ■ Coll Comp 1 & 2 ■ English 12
Physical Education/ Health	<ul style="list-style-type: none"> ■ PE9/ Health 	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ None Required

Business, Information Management, and Marketing

Subject	9th Grade	10th Grade	11th Grade	12th Grade
Social Science/ Humanities	<ul style="list-style-type: none"> ▪ None Required 	<ul style="list-style-type: none"> ▪ World History 	<ul style="list-style-type: none"> ▪ American History 	<ul style="list-style-type: none"> ▪ American Government ▪ Economics
Technical Specialty	<ul style="list-style-type: none"> ▪ Cisco IT Essentials I ▪ Computer Technology ▪ Creative Writing ▪ Desktop Publishing ▪ Foreign Language ▪ General Business ▪ Journalism ▪ Speech ▪ Succeeding in Today's World 	<ul style="list-style-type: none"> ▪ Accounting 1 ▪ Balancing Career & Family ▪ Business Law ▪ Career & Life Planning ▪ Cisco IT Essentials I ▪ Cisco IT Essentials II ▪ Computer Technology ▪ Creative Writing ▪ Debate ▪ Desktop Publishing ▪ Foreign Language ▪ General Business ▪ Internet ▪ Personal Finance ▪ Resource Management 	<ul style="list-style-type: none"> ▪ Accounting 1 ▪ Accounting 2 ▪ Adv. Web Design ▪ Business Law ▪ Cisco 1 ▪ Cisco 2 ▪ College Psychology ▪ Foreign Language ▪ Foundations of Novell Networking ▪ Microsoft Windows Server ▪ Microsoft Windows Professional ▪ Novell Network Mgmt NetWare ▪ Personal Finance ▪ Psychology ▪ Sociology 	<ul style="list-style-type: none"> ▪ Accounting 2 ▪ Adv. Web Design ▪ Business Law ▪ Business On-The-Job-Training ▪ Careers ▪ Cisco 3 ▪ Cisco 4 ▪ College Psychology ▪ Foundations of Novell Networking ▪ Microsoft Windows Professional ▪ Microsoft Windows Server ▪ Novell Network Management:Netware ▪ Personal Finance ▪ Psychology ▪ Sociology
Science	<ul style="list-style-type: none"> ▪ Biology 	<ul style="list-style-type: none"> ▪ Intro to Physics 	<ul style="list-style-type: none"> ▪ Chemistry ▪ General Science 	<ul style="list-style-type: none"> ▪ College Biology ▪ Physics
Math	<ul style="list-style-type: none"> ▪ Algebra 1 ▪ Geometry 	<ul style="list-style-type: none"> ▪ Algebra 2 ▪ Geometry 	<ul style="list-style-type: none"> ▪ Algebra 2 ▪ Trig/ Adv Math 	<ul style="list-style-type: none"> ▪ Calculus ▪ College Algebra ▪ Trig/ Adv Math
English	<ul style="list-style-type: none"> ▪ CP English 9 ▪ English 9 	<ul style="list-style-type: none"> ▪ CP English 10 ▪ English 10 	<ul style="list-style-type: none"> ▪ CP English 11 ▪ English 11 	<ul style="list-style-type: none"> ▪ Coll Composition 1 & 2 ▪ English 12
Physical Education/ Health	<ul style="list-style-type: none"> ▪ PE9/ Health 	<ul style="list-style-type: none"> ▪ None Required 	<ul style="list-style-type: none"> ▪ None Required 	<ul style="list-style-type: none"> ▪ None Required

Engineering and Industrial Technology

Subject	9th Grade	10th Grade	11th Grade	12th Grade
Social Science/ Humanities	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ World History 	<ul style="list-style-type: none"> ■ American History 	<ul style="list-style-type: none"> ■ Am. Government ■ Economics
Technical Specialty	<ul style="list-style-type: none"> ■ Basic Art ■ Computer Technology ■ Foreign Language ■ Intro to Industrial Tech ■ Succeeding in Today's World 	<ul style="list-style-type: none"> ■ Building Trades ■ Cabinetmaking ■ Computer Aided Drafting (CAD) ■ Contemporary Living ■ Drafting & Architectural Design ■ Drawing/ Design ■ Foreign Language ■ Intro to Power Mechanics ■ Resource Management ■ Welding 	<ul style="list-style-type: none"> ■ Adv. Art ■ Adv. Building Trades ■ Adv. Cabinetmaking ■ Advanced CAD/ Modeling ■ College Psychology ■ Computer Aided Drafting (CAD) ■ Drafting & Architectural Design ■ Foreign Language ■ General Business ■ Power Mechanics ■ Psychology 	<ul style="list-style-type: none"> ■ Adv. Art ■ Adv. Building Trades ■ Adv. Computer Aided Drafting (Adv. CAD) ■ Adv. Power Mechanics ■ Advanced Cabinet Making ■ Business Law ■ College Psychology ■ Drafting & Architectural Design ■ Foreign Language ■ General Business ■ Personal Finance
Science	<ul style="list-style-type: none"> ■ Biology 	<ul style="list-style-type: none"> ■ Intro to Physics 	<ul style="list-style-type: none"> ■ Chemistry ■ General Science 	<ul style="list-style-type: none"> ■ Physics
Math	<ul style="list-style-type: none"> ■ Algebra 1 ■ Geometry 	<ul style="list-style-type: none"> ■ Algebra 2 ■ Geometry 	<ul style="list-style-type: none"> ■ Algebra 2 ■ Trig/ Adv Math 	<ul style="list-style-type: none"> ■ Calculus ■ Trig/ Adv Math
English	<ul style="list-style-type: none"> ■ CP English 9 ■ English 9 	<ul style="list-style-type: none"> ■ CP English 10 ■ English 10 	<ul style="list-style-type: none"> ■ CP English 10 ■ English 10 	<ul style="list-style-type: none"> ■ CP English 12 ■ Coll. Composition 1 & 2 ■ English 12
Physical Education/ Health	<ul style="list-style-type: none"> ■ PE9/ Health 	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ None Required

Health and Related Services

Subject	9th Grade	10th Grade	11th Grade	12th Grade
Social Science/ Humanities	<ul style="list-style-type: none"> ▣ None Required 	<ul style="list-style-type: none"> ▣ World History 	<ul style="list-style-type: none"> ▣ American History 	<ul style="list-style-type: none"> ▣ Am. Government ▣ Economics
Technical Specialty	<ul style="list-style-type: none"> ▣ Balancing Career and Family ▣ Career & Life Planning ▣ Computer Technology ▣ Desktop Publishing ▣ Early Childhood Education and Human Services 1 ▣ Culinary 1 ▣ Foreign Language ▣ Nutrition & Wellness ▣ Parenting ▣ Speech ▣ Succeeding in Today's World 	<ul style="list-style-type: none"> ▣ Balancing Career & Family ▣ Career & Life Planning ▣ Computer Technology ▣ Computer Technology ▣ Early Childhood Education and Human Services 1 ▣ Early Childhood Education and Human Services 2 ▣ Culinary 2 ▣ Foreign Language ▣ Nutrition & Wellness ▣ Resource Management ▣ Parenting 	<ul style="list-style-type: none"> ▣ College Psychology ▣ College Speech ▣ Early Childhood Education and Human Services 2 ▣ Early Childhood Education and Human Services 3 ▣ Culinary 3 ▣ Foreign Language ▣ Health Careers ▣ Nutrition & Wellness ▣ Psychology ▣ Sociology 	<ul style="list-style-type: none"> ▣ Advanced Biology ▣ College Psychology ▣ College Speech ▣ Criminal Justice ▣ Early Childhood Education and Human Services 3 ▣ Foreign Language ▣ Health Careers ▣ Psychology ▣ Sociology
Science	<ul style="list-style-type: none"> ▣ Biology 	<ul style="list-style-type: none"> ▣ Intro to Physics 	<ul style="list-style-type: none"> ▣ Advanced Biology ▣ Chemistry ▣ General Science 	<ul style="list-style-type: none"> ▣ College Biology/ Lab ▣ Physics
Math	<ul style="list-style-type: none"> ▣ Algebra 1 ▣ Geometry 	<ul style="list-style-type: none"> ▣ Algebra 1 ▣ Geometry 	<ul style="list-style-type: none"> ▣ Algebra 2 ▣ Trig/ Adv Math 	<ul style="list-style-type: none"> ▣ Analytic Geometry & Calculus ▣ College Algebra ▣ Trig/ Adv Math
English	<ul style="list-style-type: none"> ▣ CP English 9 ▣ English 9 	<ul style="list-style-type: none"> ▣ CP English 10 ▣ English 10 	<ul style="list-style-type: none"> ▣ CP English 11 ▣ English 11 	<ul style="list-style-type: none"> ▣ CP English 12 ▣ Coll. Composition 1 & 2 ▣ English 12
Physical Education/ Health	<ul style="list-style-type: none"> ▣ PE9/ Health 	<ul style="list-style-type: none"> ▣ None Required 	<ul style="list-style-type: none"> ▣ None Required 	<ul style="list-style-type: none"> ▣ None Required

Social and Human Services

Subject	9th Grade	10th Grade	11th Grade	12th Grade
Social Science/ Humanities	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ World History 	<ul style="list-style-type: none"> ■ American History 	<ul style="list-style-type: none"> ■ Government and Economics
Technical Specialty	<ul style="list-style-type: none"> ■ Balancing Career & Family ■ Basic Art ■ Career & Life Planning ■ Computer Technology ■ Creative Writing ■ Desktop Publishing ■ Early Childhood Education and Human Services ■ Early Childhood Education and Human Services 1 ■ Culinary 1 ■ Foreign Language ■ Journalism ■ Speech ■ Parenting ■ Succeeding in Today's World ■ Young Adult Literature 	<ul style="list-style-type: none"> ■ Balancing Career & Family ■ Computer Technology ■ Creative Writing ■ Desktop Publishing ■ Drawing/ Painting ■ Early Childhood Education and Human Services 1 ■ Early Childhood Education and Human Services 2 ■ Fitness for Life ■ Foreign Language ■ General Business ■ Journalism ■ Nutrition & Wellness ■ Nutrition/ Body Blast ■ Science Fiction & Fantasy Literature ■ Speech ■ Succeeding in Today's World 	<ul style="list-style-type: none"> ■ Adv. Creative Writing ■ Balancing Career & Family ■ Career & Life Planning ■ College Psychology ■ College Speech ■ Early Childhood Education and Human Services 2 ■ Early Childhood Education and Human Services 3 ■ Fitness For Life ■ Foreign Language ■ General Business ■ Internet ■ Nutrition/ Body Blast ■ Psychology ■ Resource Management ■ Sociology ■ Weightlifting 	<ul style="list-style-type: none"> ■ Adv. Creative Writing ■ Balancing Career & Family ■ Business Law ■ Career & Life Planning ■ Careers ■ College Psychology ■ College Speech ■ Criminal Justice ■ Early Childhood Education and Human Services 3 ■ Foreign Language ■ Internet ■ Nutrition & Wellness ■ Personal Finance ■ Psychology ■ Resource Management ■ Sociology ■ Succeeding in Today's World
Science	<ul style="list-style-type: none"> ■ Biology 	<ul style="list-style-type: none"> ■ Intro to Physics 	<ul style="list-style-type: none"> ■ Advanced Biology ■ Chemistry ■ General Science 	<ul style="list-style-type: none"> ■ Chemistry ■ College Biology/Lab ■ General Science ■ Physics
Math	<ul style="list-style-type: none"> ■ Algebra 1 ■ Geometry 	<ul style="list-style-type: none"> ■ Algebra 2 ■ Geometry 	<ul style="list-style-type: none"> ■ Algebra 2 ■ Trig/ Adv Math 	<ul style="list-style-type: none"> ■ Calculus ■ College Algebra ■ Trig/ Adv Math
English	<ul style="list-style-type: none"> ■ CP English 9 ■ English 9 	<ul style="list-style-type: none"> ■ CP English 10 ■ English 10 	<ul style="list-style-type: none"> ■ CP English 11 ■ English 11 	<ul style="list-style-type: none"> ■ CP English 12 ■ Coll. Composition 1 & 2 ■ English 12
Physical Education/ Health	<ul style="list-style-type: none"> ■ PE9/ Health 	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ None Required 	<ul style="list-style-type: none"> ■ None Required

COURSE OFFERINGS

AGRICULTURAL EDUCATION

Course #	Course	Grade Level	Length	Unit	Prerequisites
1000	Ag. Science&Tech 1	9,10,11,12	Year	1	
1001	Ag. Science&Tech 2	10orPerm	Year	1	
1002	Ag. Science&Tech3	11orPerm	Year	1	
1003	Adv. Ag. Science	12or Perm	Year	1	
1004	Ag./SAE on-the-job-trn	12	Year	1	
1005	Welding	10,11,12	Year	1	\$50

ART

Course#	Course	Grade Level	Length	Unit	Prerequisites
1500	Basic Art	9,10,11,12	Year	1	\$30
1501	Drawing	10,11,12	Sem	½	\$15 & Basic Art
1502	Painting	10,11,12	Sem	½	\$20 & Drawing
1503	Design	10,11,12	Sem	½	\$15 & Basic Art
1504	Printmaking	10,11,12	Sem	½	\$20 & Basic Art/perm.
1505	Clay Construction	10,11,12	Sem	½	\$20 & Basic Art
1506	Sculpture	10,11,12	Sem	½	\$15 & Basic Art
1507	Ceramics	10,11,12	Sem/Yr	½ or 1	\$20/\$40 & ClayConstruction
1508	Jewelry	11,12	Sem	½	\$20&BasicArt/perm.
1509	Adv. Art	11,12	Sem/Yr	½ or 1	\$15/\$30 & BasicArt/perm.
1510	Ind Study Art	11,12	Sem/Yr	½ or 1	\$15/\$30&BasicArt/ perm.

BUILDING TRADES

Course#	Course	Grade Level	Length	Unit	Prerequisites
2000	Building Trades	10,11,12	Year	1	
2001	Adv. Building Trades	11,12	Year	2	Building Trades

BUSINESS & COMPUTER SCIENCE

Course #	Course	Grade Level	Length	Unit	Prerequisites
2500	Desktop Publishing	9,10,11,12	Sem	½	
2501	Computer Tech	9,10,11,12	Year	1	
2502	Internet	10,11,12	Year	1	Computer Tech
2503	Adv. Web Design	11,12	Sem/Year	½ or 1	Internet
2504	General Business	9,10,11,12	Year	1	
2505	Business Law	10,11,12	Sem	½	
2506	Personal Finance	10,11,12	Sem	½	
2507	Accounting 1	10,11,12	Year	1	
2508	Accounting 2 (NCCC)	11,12	Year	1	Acct 1

2509	Business-On the job training	12	Year	1	Other Business Classes
2510	Cisco 1	11	Sem	½	Computer Tech
2511	Cisco 2	11	Sem	½	Cisco 1
2512	Cisco 3	12	Sem	½	Cisco 1 & 2
2513	Cisco 4	12	Sem	½	Cisco 3
2514	Cisco IT Essentials 1	11,12	Sem	½	Comp. Tech or Tch Perm
2515	Cisco IT Essentials 2	11,12	Sem	½	CiscoIT Essent.1&Perm
2516	Microsoft Windows Professional	11,12	Sem	½	
2517	Microsoft Windows Server	11,12	Sem	½	Approx \$70 MicroWindProf.&approx\$70
2518	Foundations of Novell Networking	11,12	Sem	½	
2519	Novell Network Management: NetWare	11,12	Sem	½	Novell Net.

CRIMINAL JUSTICE

Course #	Course	Grade Level	Length	Unit	Prerequisites
3000	Criminal Justice/ Public Safety	12	1 st Sem	1 ½	
1	Adv. Criminal Justice/ Public/Safety	12	2 nd Sem	1 ½	CrimJust/PS

FAMILY & CONSUMER SCIENCE

Course #	Course	Grade Level	Length	Unit	Prerequisites
3500	Culinary 1	9,10,11,12	Year	1	\$40 Fee
3501	Culinary 2	10,11,12	Year	1	Culinary 1& \$50 Fee
3502	Culinary 3	11,12	Year	1	Culinary 2& \$50 Fee
3503	Exploring Fashion, Textiles & Interiors	9,10,11,12	Year	1	
3504	Adv. Fashion, Textiles & Fashion	10,11,12	Year	1	Course #3503
3505	Careers in Fashion, Textiles & Fashion	11,12	Year	1	Course #3504
3506	Balancing Career & Family	9,10,11,12	Sem	½	
1	Resource Management	9,10,11,12	Sem	½	
3508	Wellness & Nutrition	9,10,11,12	Sem	½	\$10 fee
3509	Career & Life Planning	9,10,11,12	Sem	½	
3510	Parenting	9,10,11,12	Sem	½	
3511	Succeeding in Today's Wld	9,10,11,12	Sem	½	
3512	Early Childhood & Human Services 1	9,10,11,12	Year	1	
3513	Early Childhood & Human Services 2	10,11,12	Year	1	
3514	Early Childhood & Human Services 3	11,12	Year	1	

FOREIGN LANGUAGE

Course #	Course	Grade Level	Length	Unit	Prerequisites
4000	Spanish 1	9,10,11,12	Year	1	
4001	Spanish 2	10,11,12	Year	1	C in Spanish 1
4002	Spanish 3	11,12	Year	1	C in Spanish 2
4003	Spanish 4	12	Year	1	C in Spanish 3
4004	French 1	9,10,11,12	Year	1	
4005	French 2	10,11,12	Year	1	C in French 1
4006	French 3	11,12	Year	1	C in French 2
4007	French 4	12	Year	1	C in French 3

HEALTH CAREERS

Students taking this course earn their CNA (certified nurses aide) certificate.

There is a fee associated with this course.

Course #	Course	Grade Level	Length	Unit	Prerequisites
4500	Health Careers	11,12	1 st Sem	1 ½	
4501	Adv Health Careers (NCCC)	11,12	2 nd Sem	1 ½	Health Careers

INDUSTRIAL TECHNOLOGY

Course #	Course	Grade Level	Length	Unit	Prerequisites
5000	Intro to Indust Tech	9,10,11,12	Year	1	Pay for materials used
5001	Cabinet Making	10,11,12	Year	1	
5002	Adv. Cabinet Making	11,12	Year	1	Cabinet Making
5003	Computer Aided Drafting (CAD)	10,11,12	Year	1	
5004	Adv. CAD/Modeling	11,12	Year	1	CAD
5005	Drafting & Architectural Design	10,11,12	Year	1	

JOURNALISM

Course #	Course	Grade Level	Length	Unit	Prerequisites
5500	Journalism	9,10,11,12	Year	1	
5501	Digital Photography	10,11,12	Year	1	
5502	Newspaper 1	10	Year	1	Journalism or Tch Perm
5503	Newspaper 2	11	Year	1	Journalism or Tch Perm
5504	Newspaper 3	12	Year	1	Journalism or Tch Perm
5505	Yearbook 1	10	Year	1	Journalism or Tch Perm
5506	Yearbook 2	11	Year	1	Journalism or Tch Perm
5507	Yearbook 3	12	Year	1	Journalism or Tch Perm
5508	Advanced Journalism	11,12	Year	1	Tch Permission

LANGUAGE ARTS

Course #	Course	Grade Level	Length	Unit	Prerequisites
6000	English 9	9	Year	1	English 8
6001	CP English 9	9	Year	1	English 8
6002	English 10	10	Year	1	English 9
6003	CP English 10	10	Year	1	English 9
6004	English 11	11	Year	1	English 10
6005	CP English 11	11	Year	1	English 10
6006	English 12	12	Year	1	English 11
6007	CP English 12	12	Year	1	English 11
6008	English Composition 1 (NCCC)	12	Sem	½	
6009	English Composition 2 (NCCC)	12	Sem	½	Eng. Comp. 1 with C
6010	Speech	9,10,11,12	Sem	½	
6011	Intro to Theatre	9,10,11,12	Sem	½	
6012	Adv. Theatre	10,11,12,	Sem	½	Intro to Theatre & Audition
6013	Debate	9,10,11,12	Sem	½	
6014	Adv. Debate	10,11,12	Sem	½	Teacher Permission
6015	Forensics	9,10,11,12	Sem	½	
6016	Creative Writing	9, 10,11,12	Sem	½	Take 2 non-consecutive yrs
6017	Young Adult Literature	9,10,11,12	Sem	½	Take 2 non-consecutive yrs
6018	Science Fiction & Fantasy Literature	9,10,11,12	Sem	½	Take 2 non-consecutive yrs
6019	Graphic Novels	9,10,11,12	Sem	½	Take 2 non-consecutive yrs
7504	Fundamental of Speech (NCCC)	11,12	Sem	1	

MATHEMATICS

Course#	Course	Grade Level	Length	Unit	Prerequisites
6500	Pre-Algebra	9	Year	1	Special Permission
6501	Algebra A/B	9	Year	1	Special Permission
6502	Algebra 1	9,10,11,12	Year	1	
6503	Geometry	9,10,11,12	Year	1	Algebra 1
6504	Basic Algebra 2	10,11,12	Year	1	Geometry
6505	Algebra 2	10,11,12	Year	1	Geometry
6506	Trig/Adv. Math	11,12	Year	1	Algebra 2
6507	Calculus	11,12	Year	1	Trig/Adv. Math
7501	College Algebra (NCCC)	11,12	Sem		Completed Trig/Adv Math; Can be enrolled concurrently in Trig/Adv Math 2 nd sem
7502	Analytic Geom. & Calculus (NCCC)	12	Sem	1 ½	Completed Trig/Adv Math
7503	Coll. Elementary Statistics (NCCC)	11,12	Sem	1	Completed College Algebra

MISCELLANEOUS

Course#	Course	Grade Level	Length	Unit	Prerequisites
7000	Freshman Success	9	Year	1	
7001	Careers	12	Year	2	
7002	Library Aide	11,12	Year	½	Application

7003	Office Aide	11,12	Year	½	Application
7004	Teachers Aide	11,12	Year	½	Application
7005	USD 290 Aide	11,12	Year	½	Active FEA member
7006	Peer Counseling	10,11,12	Year	1	Application
7007	Leadership (LINK)	11,12	Year	1	Application

COLLEGE COURSES (Neosho Co. Community College)

Students must pay for fees and textbooks associated with these classes.

2508	College Accounting	11,12	Yr	
3000	Intro to Law Enforcement	12	Sem	
3001	Intro to Criminal Justice	12	Sem	Complete Intro to Law Enforce
4500	Allied Health	11,12	Sem	Complete HS Health Careers
6008	English Composition 1	11,12	Sem	
6009	English Composition 2	11,12	Sem	Passed Eng.Comp1 w/C or above
7006	Leadership Concepts	12	Sem	
7500	General Psychology	11,12	Sem	
7501	College Algebra	11,12	Sem	Completed Trig/Adv Math; Can be enrolled concurrently in Trig/Adv Math 2 nd sem
7502	Analytic Geom. & Calculus	12	Sem	Completed Trig/Adv Math
7503	Elementary Statistics	11,12	Sem	Completed College Algebra
7504	Fundamental of Speech	11,12	Sem	
7505	General Biology	11,12	Sem	
7506	General Biology Lab	11,12	Sem	
7509	Intro to Multi-Media Tools 1	12	Sem	
7510	Multi-Media Tools 2	12	Sem	Complete IntrotoMultiMediaTools
9504	College American Govt (NCCC)	12	Sem	

MUSIC

Course#	Course	Grade Level	Length	Unit	Prerequisites
7800	Concert Choir	9,10,11,12	Year	1	
7801	Women's Chorus	9,10,11,12	Year	1	
7802	Men's Chorus	9,10,11,12	Year	1	
7803	Cytones	9,10,11,12	Year	1	Audition
7804	A Cappella Choir	10,11,12	Year	1	
7805	Concert Band	9,10,11,12	Year	1	
7806	Jazz Ensemble	9,10,11,12	Year	1	Audition & teacher consent
7807	Instrumental Music	10,11,12	Year	1	Teacher consent
7808	Music Theory	10,11,12	Year	1	
7809	Adv Music Theory	11,12	Year	1	
7810	Music Appreciation	9,10,11,12	Year	1	

PHYSICAL EDUCATION

Course#	Course	Grade Level	Length	Unit	Prerequisites
8000	PE9-Boys/Health	9	Year	1	
8001	PE9-Girls/Health	9	Year	1	
8002	Fitness for Life	10,11,12	Year	1	Pass PE9
8003	Weightlifting	9,10,11,12	Year	1	Teacher Perm/9 th gr.
8004	Principles of Coaching and Officiating	11,12	Year	1	
8005	Nutrition/Body Blast	10,11,12	Year	1	Female, B in PE9G

POWER MECHANICS

Course#	Course	Grade Level	Length	Unit	Prerequisites
8500	Into to Power Mechanics	10,11,12	Year	1	
8501	Adv. Power Mechanics	11,12	Year	1	Intro Power Mech

SCIENCE

Course#	Course	Grade Level	Length	Unit	Prerequisites
9000	Biology	9	Year	1	
9001	Intro to Physics	10	Year	1	
9002	Advanced Biology	11,12	Year	1	Biology
9003	Chemistry	10,11,12	Year	1	Geometry
9004	Physics	11,12	Year	1	"C" in Alg 2 & taking Trig
9005	General Science	11,12	Year	1	
7505	Coll. General Biology (NCCC)	11,12	Yr	1	
7506	Coll. General Biology Lab(NCCC)	11,12	Yr	½	

SOCIAL STUDIES

Course#	Course	Grade Level	Length	Unit	Prerequisites
9500	World History	10	Year	1	
9501	American History	11	Year	1	
9502	American Government	12	Sem	½	
9503	CP American Government	12	Sem	½	
9504	College Am. Government (NCCC)	12	Sem	1	
9505	Economics	12	Sem	½	
9506	CP Economics	12	Sem	½	
9507	Psychology	11,12	Year	1	
9508	Sociology	11,12	Year	1	
7500	General Psychology (NCCC)	11,12	Sem	1	

SPECIAL SERVICES

Course#	Course	Grade Level	Length	Unit	Prerequisites
9800	Study & Support	9,10,11,12	Year	1	
9801	AC Work Study	11,12	Year	1	
9802	AC Reading	9,10,11,12	Year	1	
9803	AC Consumer Math	9,10,11,12	Year	1	
9804	AC Basic Math	9,10,11,12	Year	1	
9805	AC Life Skills Math	9,10,11,12	Year	1	
9806	AC Pre-Algebra	9,10,11,12	Year	1	
9807	AC World History	10	Year	1	
9808	AC Am. Govt/Econ	12	Year	1	
9809	AC Biology	9,10,11,12	Year	1	
9810	AC Physical Science	10,11,12	Year	1	
9811	AC Advanced Biology	11,12	Year	1	
9812	Life Skills English	9,10,11,12	Year	1	
9813	Life Skills Math	9,10,11,12	Year	1	
9814	Life Skills Science	9,10,11,12	Year	1	
9815	Life Skills Soc. Stud.	9,10,11,12	Year	1	
9816	Life Skills Soc. Skills	9,10,11,12	Year	1	
9817	Life Skills Transition	9,10,11,12	Year	1	
9818	Life Skills Foods	9,10,11,12	Year	1	
9819	Gifted/Ind. Study	11,12	Year	1	
9820	Gifted Career Exploration	11,12	Year	1	

COURSE DESCRIPTIONS

AGRICULTURAL EDUCATION

- 1000** **AG. SCIENCE AND TECHNOLOGY 1** (9,10,11,12) Year-long
An introductory course designed to introduce beginning students to global agriculture. The course includes instruction in agriculture careers, leadership, communications, and personal finance. The course also includes instruction on FFA parliamentary procedure, livestock industry, livestock selection, computer use in agriculture, and Ag. Mechanic skills including the use of hand and power tools, welding and project construction. **ACTIVITIES:** Greenhand Conference, Dairy Cattle Judging, Leadership School, Public Speaking, Meat Evaluation and Livestock Judging.
- 1001** **AG. SCIENCE AND TECHNOLOGY 2** (10 or instructors' approval) Year-long
Prerequisite: Ag. Science and Technology 1
This course is designed to introduce and enhance the agricultural comprehension of students in agribusiness management and the free enterprise system. It includes a study of economic principles, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness. The course will also cover the anatomy and physiology of all types of animals. This course will cover beef, sheep, and swine management, practices, and evaluation of these animals. **ACTIVITIES:** Livestock judging, dairy cattle judging, poultry and meats contest at State and District.
- 1002** **AG. SCIENCE AND TECHNOLOGY 3** (11 or instructors' approval) Year-long
Prerequisite: Ag. Science and Technology I and II
This course is designed to study different areas in soils, meat science, and small engines. Students will be able to determine legal land descriptions, soil structures, and land uses. Students will also learn about the meat industry by identifying wholesale, primal, and retail cuts of beef, pork, and lamb. They will be able to yield and qualify grade beef carcasses. **ACTIVITIES:** Land Judging, Dairy Cattle Judging, Meat Evaluation, Horse Judging, Dairy Products and Food Science.
- 1003** **ADVANCED AG. SCIENCE** (12 or instructors' approval) Year-long
Prerequisite: Ag. Science Technology I, II and III
Provides continued leadership training through FFA with in depth study about marketing options including futures trading with aid from the DTN market terminal and Internet. This course also covers management areas used in a farm and ranch operation. Computer use with emphasis in record keeping will also be included. **ACTIVITIES:** Ag Sales and Service, Agribusiness Management, State FFA Degree Application, and National Chapter Awards.
- 1004** **AGRICULTURAL/SAE ON-THE-JOB-TRAINING** (Seniors only) Year-long
Prerequisite: Students are required to have been enrolled in three agricultural courses or currently enrolled in the third course. Seniors are also required to be enrolled in Advanced Agriculture at the same time as Ag/SAE OJT to be involved with FFA and other activities in class. This course is designed for seniors to go out in the community and work in different areas of Agriculture. This is an opportunity for seniors to explore hands-on their interests in Agriculture. Seniors need to choose an area that they are willing to explore. They need to have developed a cover letter, resume, letter of reference and create a personal portfolio to present to employers.
- 1005** **WELDING** (10,11,12) Year-long
This course is designed to teach students the basic fundamentals of welding. The students will perform weld with the arc, mig, tig, and oxy-acetylene equipment. Students will also learn how to cut metal with power tools, an oxy-acetylene torch, and a plasma arc torch. Students will learn how to plan and construct a small project when they have completed their basic skills. There will be a \$50 shop fee. The fee will cover safety glasses and welding gloves, project material, and metal usage.

ART

EVALUATION in all ART courses will include the following : progress, student work habits, written assignments and tests, participation, and cooperation with others as well as finished projects.

1500 BASIC ART (9, 10, 11,12)

Year-long

Textbook : ArtTalk and Discovering Art History, and issues of *Scholastic ART* magazine
Welcome to the beginning course in the ART Department; it is a PREREQUISITE for all future OHS Art courses. The elements and principles of design will be emphasized through lecture, demonstration, as well as in direct application as students complete assigned projects. Textbooks will be used throughout the course to familiarize students with the History of ART, cultures, and individual artists. Students will experience various 2-dimensional and become familiar with some media for 3-dimensional artwork. Fee: \$30.00 for year course.

1501 DRAWING (10, 11, 12)

Semester

Prerequisite: Have a sincere desire in developing his/her artistic skills and experiences or “C” or better in Basic ART

Textbook : Creating and Understanding Drawing

Students will focus on developing drawing skills while working with various media. The textbook deals with three approaches for creating a drawing (imitational, formal, & emotional). Drawing techniques & students’ observation skills will be improved with challenging subject matter (still life, portrait, landscape, and more). In-class assignments and sketch book assignments will be the major part of the class. Fee: \$15.00.

1502 PAINTING (10, 11, 12)

Semester

Prerequisite: Have a sincere desire in developing his/her artistic skills and experiences or “C” or better in Basic ART, Drawing

Students will explore painting techniques while working with tempera, acrylic, oil and watercolor paints. Emphasis will be on color blending, painting style, subject matter, terminology, and identifying artists’ styles. In-class assignments and sketch book assignments will be the major part of the class. The basic fee does not include canvas, gesso, and stretchers. Fee: \$20.00.

1503 DESIGN (10,11,12)

Semester

Prerequisite: Basic ART

Design is something which is encountered everyday and everywhere. This course is intended to enhance the student’s awareness and knowledge of design. We will look at and design common objects as well as study famous works of art and objects noted for their design. A variety of techniques and art media will be used during this class. The basis fee is \$15.

1504 PRINTMAKING (10, 11, 12)

Semester

Prerequisite: Basic ART

Students will study the making of prints in different cultures and well-known printmakers. Learning Printmaking techniques, terminology, materials, and the planning of projects will be vital for success in this class. Relief print surfaces which students may use include: cardboard, linoleum, wood, and rubber. The class may design, plan and produce a serigraph (silkscreen) project. Fee: \$20.00.

1505 CLAY CONSTRUCTION (10, 11, 12)

Semester

Prerequisite: Basic ART

Textbooks: Ceramics Class : Hand-Building Techniques and Decorating Techniques

Students will learn terminology and must master hand-building techniques (Pinch, Coil, and Slab) with clay to be successful in this class. “Trim your fingernails, collect & bring materials & tools to use.” The history of hand-made clay work will be studied as students sketch, design, and create various clay projects. A group assignment may require the development of a model from which a plaster mold for replicated work will be made. Various surface decorations will be introduced throughout the course. Fees: \$20.00

General Business provides students with an overview of a variety of topics, including the Economic process, free enterprise system, business organization, change and challenge in the business world, government and business, the consumer in our economy, money and banking, using credit wisely, saving and investing, insuring against loss, career planning, and the world of work. Included in the course will be two field trips – one to a local business and one to a bank. The president of a local bank will also be a guest speaker.

2505 BUSINESS LAW (10,11,12) Semester

Business law emphasizes legal issues that touch everyday life. Subject areas covered are crimes, problems in society, buying a car and insurance, renting and buying a home, marriage, divorce, and consumer rights.

2506 PERSONAL FINANCE (10,11,12) Semester

We will cover the areas of income taxes, employee pay and benefits, budgets, checking accounts, saving and investments and credit. A local stock broker will be a guest speaker.

2507 ACCOUNTING 1 (10,11,12) Year-long

This course provides an opportunity to develop a sound understanding of basic accounting Principles and procedures for small or medium-sized service and merchandising businesses owned as proprietorships, partnerships, and corporations. Accounting activities covered will be such things as buying and selling merchandise and services, banking, notes and interest, depreciation and taxes. The student should be able to work well with the four fundamental arithmetic processes-addition, subtraction, multiplication and division. Computer projects involving the accounting processes for a proprietorship service business and a partnership merchandising business will be done on the micro-computer.

2508 ACCOUNTING 2 (11,12) Year-long

This course starts with a short review of first year accounting, then progresses into departmental accounting, partnership accounting, corporation accounting, and cost accounting. This course is planned for the student who has one or more of the following objectives: (1) To become an Accountant upon high school graduation; (2) To go on to college and major in accounting; (3) To pursue further study of relationship between manual and automated accounting; (4) To know more than can be learned in a first year course, so as to better be able to manage projects involving the accounting processes for partnership and corporation merchandising businesses.

2509 BUSINESS EDUCATION – ON THE JOB TRAINING (12) Year-long

This course is used as the final business course that allows students to work at a business approved job in the community. The instructor for the enrolled OJT students will locate student approved training sites. Students can expect to perform some of the following skills in the business job that they are assigned: word processing, spreadsheet and database applications, accounting operations, web page development. Students will complete 180 work hours during the two semesters.

2510 CISCO 1 (11) Semester

The Cisco Academy is a 4 semester curriculum designed to prepare students to become certified Cisco technicians. The Cisco curriculum combines online learning through computer delivered assignments and hands-on projects. Students need to enroll as juniors to complete the four semesters required for the Cisco Certified Networking Associate (CCNA) certification. The first semester class presents the OSI model and industry standards, IP addressing, including subnet masks, networking components, and basic network design.

2511 CISCO 2 (11) Semester

This is the second class in the Cisco curriculum, which prepares students for the CCNA networking certification. This class includes beginning router configurations, and routed and routing protocols.

2512 **CISCO 3** (12) Semester

This is the third class in the Cisco curriculum. Topics covered include LAN switching, VLANs, LAN Design, Routing Protocols, Access Control Lists, and Novell IPX. Students will also begin working on the final networking project due at the end of semester IV. Students must have completed Semester I and II of the Cisco Academy and passed the final test for both semesters with a score of 70% or above.

2513 **CISCO 4** (12) Semester

This is the fourth class in the Cisco curriculum. Topics covered include WAN Design, Point to Point Protocol, ISDN, Frame Relay, Network Management, a Network+ Certification Exam Review, and a CCNA Exam Review. Students will finish working on the network project started during semester III. Students must have successfully completed the first three semesters of the Cisco Academy with a score of 70% or above on all final tests.

2514 **CISCO IT ESSENTIALS 1** (11,12) Semester

Prerequisites: Computer Tech or Web Designat OMS and permission of instructor.
IT Essentials I: This class presents an in-depth exposure to computer hardware and operating systems. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance, and safety issues. Through hands on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. In addition, an introduction to networking is included. This course helps students prepare for CompTIA's A+ certification. This class will be offered on a limited basis as independent study. Students must be self-motivated and able to work on their own.

2515 **CISCO IT ESSENTIALS 2** (11,12) Semester

Prerequisites: Cisco IT Essentials I and permission of instructor
IT Essentials: Network Operating Systems. This class is an intensive introduction to multi-user, multi-tasking network operating systems. Characteristics of the Linux, Windows 2000, NT, and XP network operating systems will be discussed. Students will explore a variety of topics including installation procedures, security issues, back up procedures and remote access. This class will be offered on a limited basis as independent study.

2516 **MICROSOFT WINDOWS PROFESSIONAL** (11,12) Semester

Students will be provided with the knowledge and skills necessary to perform installation, implementation, administration and troubleshooting tasks in a Windows 2000 Professional environment. Windows XP may be substituted (to be determined at a later date). This class will cost the student approximately \$70.

2517 **MICROSOFT WINDOWS SERVER** (11,12) Semester

Students will be provided with knowledge and skills to perform installation, implementation, administration and troubleshooting tasks in a Windows 200 Server environment. This class wil cost the student approximately \$70.

2518 **FOUNDATIONS OF NOVELL NETWORKING** (11,12) Semester

This class will expose students to Novell's Netware networking software. Students will study basic knowledge about implementing NetWare and using its management tools. This course is for students interested in gaining Certified Novell Administrator and Certified Novel Engineer certifications. Students interested in this class should have prerequisite knowledge of the following: 1) Basic understanding of personal computers, operating systems and network technology. 2) Experience with DOS 3) Working knowledge of Windows 95 or 2000 or XP.

2519 **NOVELL NETWORK MANAGEMENT: NETWARE** (11,12) Semester

In this course students learn basic critical skills for managing a NetWare network. Topics include: Using a Systematic Troubleshooting Process, Using Documentation and Research Tools for Support, Understanding and Managing Client Access on a Netware Network, Building a TCP/IP Network, Managing and Optimizing NetWare Servers, Implementing External Security Measures, Optimizing eDirectory

CRIMINAL JUSTICE

3000 **CRIMINAL JUSTICE/PUBLIC SAFETY** (12) 1st Semester

3001 **ADVANCED CRIMINAL JUSTICE/PUBLIC SAFETY** (12) 2nd Semester

This course includes the study of basic police procedures, the court system, & basic emergency life support. Police procedures include criminal investigation techniques, accident investigation, patrol procedures and narcotics investigation. Students will learn about the court system and will follow criminal and traffic cases through the court system including actual court proceedings and trials. Basic life support deals with basic first aid & CPR. The course also presents the various types of career opportunities available in the Criminal Justice field. Regular attendance and mature behavior is expected.

FAMILY & CONSUMER SCIENCE

3500 **CULINARY 1** (9,10,11,12) Year-long

The student will develop a knowledge of the principles involved in the preparation of foods. They will be expected to develop the ability to measure accurately, interpret recipes and work together in the laboratory in an organized manner. Safe food handling principles will be taught while learning to prepare quick breads, cookies, vegetables, grains, dairy products, soups/salads, fruits and breakfast dishes. There will be a chance for a service learning project using the skills the students have acquired. This class will also address the importance of nutrition and the importance of overall wellness. Classroom discussions and presentations will bring out the relationship between physical, emotional, social, psychological and spiritual wellness. Students will be evaluated on the completion of daily work, written tests, work habits in the laboratory and finished products. There will be a \$40 foods fee for this class.

3501 **CULINARY 2** (10,11,12) Year-long

Students will learn fundamentals of food preparation using specific cooking methods including: roasting, baking, broiling, smoking, grilling, sauteing, frying, deep frying, braising, stewing, poaching, steaming, wokong, convection and microwave ovens. Computers will be used to learn about menu planning and diet modifications. Students will be expected to learn and put into use principles of teamwork, communication skills and work ethics in their daily laboratory work. This is the 2nd class in a sequence of 3 that will prepare the student for a career in food production. Students will be involved in an "in-house" business planned and carried out by students learning the skills of entrepreneurship. Class grades will be given on daily work, written tests, presentations, projects and work habits in the food laboratory. There will be a \$50 fee for this class.

3502 **CULINARY 3** (11,12) Year-long

Foods III is a continuation of Foods II with the added chance to receive On the Job Training in the Hospitality Industry. Students may seek out employment in food service and receive college benefits after completion of competencies provided by the National Restaurant Education Foundation. Class time will be spent on gaining more knowledge of food production, effective work habits, interviewing skills and career options. All students must provide their own reliable transportation. There will be a \$50 fee for this class.

3503 **EXPLORING FASHION, TEXTILES AND INTERIORS** (9,10,11,12) Year-long

This is the first course in a sequence of three. Students will analyze career paths within fashion, apparel, and/or interior design industries. They will evaluate the use of products in meeting specific design needs, apply design and planning concepts using current technology for fashion, apparel, and/or interiors. Students will demonstrate the skills needed to produce, alter, or repair textile products. They will evaluate elements of textile, apparel, and/or interior design merchandising and demonstrate operational procedures required for business profitability through clothing construction. They will review and critique marketing strategies for apparel textile, and or interior design products and demonstrate design ideas through visual presentation. There is not a set fee for this class, but students will be responsible to purchase their patterns and materials for class.

3504 **ADVANCED FASHION, TEXTILES AND INTERIORS** (10,11,12) Year-long

This is the second course in the sequence. This course is a continuation of Exploring Fashion, Textiles and Interiors. In addition to developing a deeper understanding of fashion, apparel and/or interior design industries, students will analyze influences on design and development. Students will have the opportunity to evaluate client's needs, goal, and resources in creating design plans and demonstrate design ideas through visual presentation and broadening their knowledge of clothing construction, alteration and repairs. Students will complete higher level sewing tasks and learn and construct items from more difficult patterns. There is not a set fee for this class, but students will be responsible to purchase their patterns and materials for class.

3505 **CAREERS IN FASHION, TEXTILES AND INTERIORS** (11,12) Year-long

This is the third course in the sequence of three. This course is the application level of fashion, textiles and interiors. Students will research and create a business related to an area in fashion, textiles and/or interiors. They will run their business as an "in house" operation and have the ability to complete the OJT component "out of house". There is no set fee for this class, but students will be responsible to purchase their patterns and materials for the class.

3506 **BALANCING CAREER AND FAMILY** (9,10,11,12) Semester

This class is designed to look at the dynamics that impact the individual, family and society. Students will be introduced to the importance of communication and the skills that are needed to have effective communication in relationships. Such challenges as teamwork, leadership skills, conflict resolutions skills, and consumer resources will be examined. This class will help those students who are considering working in fields that involve families. Students will be encouraged to understand, appreciate, and strengthen this understanding of how families impact the individual and society.

3507 **RESOURCE MANAGEMENT** (9,10,11,12) Semester

Students will learn to manage resources to achieve personal and family goals; making informed consumer decisions; creating financial stability; and maintaining a healthy living environment. Students enrolled in this class will be able to join FCCLA and participate in activities and events related to Family and Consumer Sciences.

3508 **NUTRITION AND WELLNESS** (9,10,11,12) Semester

Students will learn the impact of a quality lifestyle on physical, emotional and social health on a daily basis. The choices made today will affect life expectancy, reproductive health, and risk factors for disease. The ability to competently plan strategies for choosing, acquiring, preparing, and storing foods will affect overall health and wellness. Students will participate in FCCLA activities and events related to Family and Consumer Services. There is a \$10 fee for this class.

- 3509** **CAREER AND LIFE PLANNING** (9,10,11,12) Semester
Students will develop a life-management plan for life beyond High School; caring for self and others; and planning to assure career success and coordinating personal and career responsibilities. Emphasis will be put on personal life choices made now and throughout life which determine quality of life. Students will be asked to participate in community service projects throughout the semester as we learn about our roles in society. FCCLA Leadership skills will be promoted throughout the curriculum.
- 3510** **PARENTING** (9,10,11,12) Semester
This course is designed for students that have interest in learning more about parenting and working with families. Students will learn what skills are needed in order to be a responsible parent, along with decision-making skills that parents need, and information of human development. Information will be presented on how to build strong families and good communication skills. Discussion will include management techniques on how to balance work., personal needs, and family life. This class is helpful for those students who are interested in working in human services, criminal justice, early childhood education, and the field of education.
- 3511** **SUCCEEDING IN TODAY’S WORLD** (9) Semester
This is an introductory class for career and technical education classes. Exploration in career choices will be discussed throughout the semester. In addition, students will come to recognize the influence of their interests, values, and lifestyle considerations on career plans. Part of career exploration will include: 1)activities in career planning and education 2)job skills 3)what it takes to live on your own 4)the connection between the individual, family, community and work, and 5)the importance of life long learning. Students will also be introduced to student organizations related to various CTEC programs
- 3512** **EARLY CHILDHOOD EDUCATION AND HUMAN SERVICES 1** (9,10,11,12) Year-long
This is the first class of three that help in the preparation for future employment in education, early childhood education, and human services. This is a sequential program in the Occupational Family and Consumer Sciences Program. This exploratory course provides students with a fundamental understanding of how children develop from conception through late elementary in all areas of development.
- 3513** **EARLY CHILDHOOD EDUCATION AND HUMAN SERVICES 2** (10,11,12) Year-long
This is the technical aspect of the Early Childhood and Human Services program that helps students develop the foundation for the third level of the program. Career development will include such topics as communication, human relation skills, decision-making skills, work ethics, computer literacy, problem solving, critical thinking applications and career planning. Students will integrate knowledge, skills, and practices required for careers in education, early childhood education, and human services.
- 3514** **EARLY CHILDHOOD EDUCATION AND HUMAN SERVICES 3** (11,12) Year-long
This course is application level of the program sequence. This course features instruction and practical “hands-on” experience working with 4 and 5 year old preschoolers. The student will be working directly with preschool children as they plan, set up and implement a complete educational program for children ages four and five. This course allows students to develop skills and gain experience in a career that is growing and looking for qualified professionals. TB skin test is required before the class starts of that school year that the students is enrolled. A fee will be assessed for class related requirements.

FOREIGN LANGUAGE

- 4000** **SPANISH 1** (9,10,11,12) Year-long
This course is an introduction to the culture and the language of the Spanish speaking world. Students will begin to master pronunciation, verb structures in the present, and a basic vocabulary, including the alphabet, classroom objects and expressions, numbers, calendar, time, school subjects, money exchange, food, activities, clothing, occupations, and geography. Cultural experiences are provided by using contemporary music, magazines and newspapers, commercials, role-playing, skits, and web-based activities. The emphasis in Spanish 1 is on the proficiency in the spoken language; therefore, daily participation in oral group activities is required.
- 4001** **SPANISH 2** (10,11,12) Year-long
This course provides an opportunity for students to review basic language skills, acquire mastery of present, past, future verb tenses, and add new vocabulary, including weather, places to visit, parts of the body, animals, holidays, sports, health, feelings, and travel. Students will be asked to make cultural comparisons, contrasts and inferences and should be willing to use their language skills whenever possible in the classroom. There will be readings in both Spanish and English which deal with culture, history and folklore in the Spanish-speaking world. Spontaneous conversational skill and performance will be evaluated by oral and written quizzes and examinations. Grades will be determined by performance in the following areas: attitude, participation, and assignments; listening skills; speaking skills; writing skills; and cultural knowledge.
- 4002** **SPANISH 3** (11,12) Year-long
Students will review and expand all previous vocabulary areas and verb tenses as well as acquire mastery of conditional and compound verb tenses. Extensive reading, oral discussion and writing will be supplemented with a comprehensive review of grammar. These skills will be used to expand students' knowledge of history, literature, art and music of the Spanish-speaking world. . Evaluation consists of participation in oral discussions, group productions as well as compositions and written examinations. Class is conducted in Spanish.
- 4003** **SPANISH 4** (12) Year-long
Students will review and expand all previous vocabulary areas and verb tenses. The focus is strengthening oral communication. In-depth examination of literature, history, and contemporary issues is expected. Evaluation depends upon oral proficiency and written assignments and examinations. Class is conducted in Spanish.
- 4004** **FRENCH 1** (9,10,11,12) Year-long
This course is an introduction to the language and cultures of the French-speaking world. Students will begin to master pronunciation, verb structures in the present tense, and basic vocabulary, including the alphabet, classroom objects and expressions, numbers, calendar, time, school, money exchange, food and shopping for food, hobbies, games, colors, clothing, family, occupations, telephone, rooms of a house, transportation, descriptive adjectives and geography. Cultural experiences are provided by contemporary music, newspapers, magazines, movies, food from the French cultures, role-playing, skits and special project assignments. Grades will be determined by performance in the following areas: attitude, participation, and assignments; listening skills; reading skills; speaking skills; writing skills; and cultural knowledge.
- 4005** **FRENCH 2** (10,11,12) Year-long
This course provides an opportunity for students to review basic language skills, continue study of verbs and master past-tense and future verb tense, and add new vocabulary for places to visit, hobbies, writing letters, animals, holidays, parts of the body, health and traveling. A cultural study will include French-speaking areas of the world. Students will be introduced to literature of French-speaking countries through poetry and excerpts of short stories. Students should be willing to express themselves in French during class whenever possible. Grades will be based on homework, spontaneous conversational skill and performance, oral and written quizzes, compositions, chapter exams and projects.

4006 FRENCH 3 (11,12)

Year-long

Students will review and expand all previous vocabulary and verb tenses. Students will add new vocabulary for shopping, weather, traveling, transportation, careers and outdoor activities. Class will be conducted in French. Students will use their language skills to acquire a background of the history and culture of French-speaking countries through research projects. Students will be further exposed to French literature through reading short stories and poetry. Grades will depend on compositions, oral presentations, participation in group activities, class discussions, written quizzes/exams and projects.

4007 FRENCH 4 (12)

Year-long

Students will review and expand all previous vocabulary areas and verb tenses. Students will learn conditional, literary past, and subjunctive verb tenses. Class will be conducted in French. Oral skills will be emphasized and more in-depth reading of literature will be expected. Students will continue investigation into history and culture of the French-speaking world. Grades will depend on oral participation in class, written assignments, exams and projects.

HEALTH CAREERS

4500 HEALTH CAREERS (11,12)

1st Semester

4501 ADVANCED HEALTH CAREERS (11,12)

2nd Semester

This program is designed to explore the entire scope of health career opportunities such as nursing, physical therapy, x-ray and dental. Classes will be held at Ransom Memorial Hospital and Neosho County Community College in their training rooms with ample time to work with medical staff throughout the year. Certification for CNA will be earned during the course of this class through Neosho County Community College. Geriatric care and CPR are just a few of the other benefits of this program. These experiences should help students learn skills, attitudes, and gain the knowledge necessary to succeed in one of the largest employment fields. Enrollment preference will be given to 12th grade students who are seriously planning further training in medical/health care professions. Interviews will be part of the enrollment process. **Since students taking this course earn their CNA (certified nurse's aide) certificate, there is a fee associated with this course.**

INDUSTRIAL TECHNOLOGY

5000 INTRODUCTION TO INDUSTRIAL TECHNOLOGY (9,10,11,12)

Year-long

This course is an introductory course for the areas of cabinetmaking, welding, drafting, building trades and power mechanics. Students must pay for materials used. The fee could be as high as \$100 or more.

5001 CABINETMAKING (10,11,12)

Year-long

This course is designed for students to advance their woodworking knowledge and skills while constructing cabinets. Each student must purchase and pay for materials for projects.

5002 ADVANCED CABINETMAKING (11,12)

Year-long

Prerequisite: Cabinetmaking

This class brings the students together as a team to construct, finish, and install the cabinets for the kitchen and bathrooms of the Ottawa High School House Project. Each student must purchase safety glasses, tape measure, and other materials that might go into their personal projects.

5003 **COMPUTER AIDED DRAFTING (CAD)** (10,11,12) Year-long

Students will learn the basics of drafting using the program AutoCAD 2000. Students must purchase one 100mb Zip Drive Disk for saving their work.

5004 **ADVANCED CAD & MODELING** (11,12) Year-long

Prerequisite: Computer Aided Drafting (CAD)
This course allows the student to expand upon the knowledge and skills they have learned to complete more advanced presentations using AutoCAD 2000.

5005 **DRAFTING AND ARCHITECTURAL DESIGN** (10,11,12) Year-long

The first semester will deal with drafting fundamentals and basic geometric constructions. The class will develop and practice drafting methods and processes used by industry. The class will provide students with a basic understanding necessary to progress into CADD (Computer Aided Design and Drafting). The second semester will be an in-depth study of architectural styles, design principles, techniques, conveying design ideas, careers, trends, building components, site evaluations, current building materials, floor plans, and building elevation views. Problem solving exercises will be implemented along with scale model house construction.

JOURNALISM

5500 **JOURNALISM** (10,11,12) Year-long

Students interested in learning about newspaper, magazine, yearbook production, and some electronic layout and design should take this course. Students will learn to interview and report the news, design and paste-up advertisements, and design and layout yearbook pages. This course will also prepare students who wish to apply for a position on either the newspaper or yearbook staff.

5501 **DIGITAL PHOTOGRAPHY** (10,11,12) Semester

Students interested in learning about photography and photojournalism should take this course. Students will learn the basic elements of photography composition, technical quality of photos and ways to edit photos for both necessity and creativity in PhotoShop. A camera contract must be signed prior to enrollment.

5502 **NEWSPAPER 1** (10) Year-long

This class will produce the school newspaper, the *Review*. This class works with Newspaper 2 and Newspaper 3 classes. Students must be self-directed and yet be able to cooperate closely with other members of the staff and with the adviser. Students will write and edit stories, take photographs, scan images into the computers, sell ads and layout the paper on the computer for production. Some after school and evening time may be required at deadline time. Instructor permission required.

5503 **NEWSPAPER 2** (11) Year-long

This class is for juniors on the staff of the *OHS Review*. Students will work with Newspaper 1 and Newspaper 3 students to produce the school newspaper. Students will refine and expand the skills learned in Newspaper 1. Students will write and edit stories, take photographs, scan images, sell ads, and layout the paper on the computer for production. Students will assume more responsibility for seeing that deadlines are met and the paper is ready to publish on time. Some after school and evening time may be required at deadline time. Instructor permission required.

5504 NEWSPAPER 3 (12)

Year-long

This class is for seniors on the staff of the *Review*. Students will work with Newspaper 1 and 2 students to produce the school newspaper. Students will lead other students in the writing, editing and production of the school newspaper. Students will be responsible for seeing that all deadlines are met and that the newspaper is published on time. Some after school and evening time may be required at deadline time. Instructor permission is required.

5505 YEARBOOK 1 (10)

Year-long

The students will produce the school yearbook, the *Record*. This class works with the Yearbook 2 and 3 classes. Students must be self-directed and yet able to cooperate closely with other members of the staff and with the adviser. Students will write and edit stories, take photographs, scan images into the computer, sell ads, and layout the yearbook pages onto the computer from original layouts. Some after school and evening time may be required at deadline time. Instructor permission is required.

5506 YEARBOOK 2 (11)

Year-long

This is for juniors on the staff of the *Record*. Students work with Yearbook 1 and 3 students to produce the school yearbook, the *Record*. Students will refine and expand the skills learned in Yearbook 1. Students will write and edit stories, take photographs, scan images into the computer, sell ads, and layout the yearbook on the computer for production. Students in this class will assume more responsibility for seeing that deadlines are met and that the yearbook is ready to publish on time. Some after school and evening time may be required at deadline time. Instructor permission is required.

5507 YEARBOOK 3 (12)

Year-long

This class is for seniors on the staff of the *Record*. Students in this class will lead other students in the writing, editing, and production of the school yearbook. Students will write and edit stories, take photographs, scan images, sell ads, and layout the yearbook on the computer for production. Students will be responsible for seeing all deadlines are met and that the yearbook is published on time. Some after school and evening time may be required at deadline time. Instructor permission is required.

5508 ADVANCED JOURNALISM (11,12)

Year-long

This class is for editors who are in charge of *The Review* and *The Record* at OHS. Students will work with each other to further develop their leadership skills in the classroom. They will write and edit stories, take photographs and layout the newspaper and yearbook for production. Students will assume more responsibility for seeing deadlines are met and the publications are ready on time. Instructor permission is required.

LANGUAGE ARTS

6000 ENGLISH 9 (9)

Year-long

This course is designed to continue the instruction of writing, reading, speaking, listening, and critical thinking skills. Students will use the response-based approach to literature to develop lifelong reading skills as well as the writing process and the reading-writing connection to find their own topics for a variety of writing types, including letters and multi-paragraph essays. Outside reading will be required of all students; for this class there will be a 2 book minimum. Students will practice discussion skills as well as small group and individual presentations. To prepare for the “world of work,” students will explore career fields of interest to them, practice goal setting, experience technical writing, word processing, cooperative learning, and participate in self-evaluation. Time management and study skills will also be addressed. .

- 6001** **COLLEGE PREP ENGLISH 9** (9) Year-long
 Prerequisite: Passing grade in English 8
 This course is designed for those students who plan on attending a college or university after their high school graduation. The arrangement of this class will be based around units covering numerous forms of literature where knowledge over the content will ultimately be assessed through diverse types of writing assignments. The structure of these essays and creative pieces will deal with an assortment of topics and writing forms throughout each semester. Outside reading will be required of all students; for this class there will be a 3 book minimum. No particular genre will be analyzed any more than another; the plan of this course is to provide each student with a wide survey of all aspects of the literary world. Student success will depend on an openness to discuss, evaluate and interpret numerous types of reading as well as the willingness to express what the student is learning. Study and note-taking skills will also be addressed in order to prepare the student for future success in all course work at the secondary level.
- 6002** **ENGLISH 10** (10) Year-long
 Students will continue their study in the areas of language, composition, and literature. Literary appreciation will be stressed through a response-based literature approach, in addition to standard literary elements. Life-long reading skills will be stressed and the writing process will be used for a variety of writing assignments, including letters and multi-paragraph essays. Outside reading will be required of all students; for this class these will be a 2 book minimum. Students will also participate in some group work, as well as individual presentations. Students will continue to prepare for the “world of work,” by producing technical writing, using word processors, and applying time-management skills to assignments.
- 6003** **COLLEGE PREP ENGLISH 10** (10) Year-long
 This course will continue to prepare students for college or a university after high school graduation. The skills of writing, reading, speaking, listening, critical thinking, and time management will be stressed. A response-based approach to literature will be used to help develop life-long reading skills. Outside reading will be required of all students; for this class there will be a 3 book minimum. The writing process will be used to prepare students for college-level assignments through the development of multi-paragraph essays and technical writing. Students will practice discussion skills as well as small-group and individual presentations.
- 6004** **ENGLISH 11** (11) Year-long
 Using a school-to-work focus, this course is designed for the student who intends to enter the work force, military, or vocational training upon completion of high school. Emphasis will be on critical thinking and problem solving skills, problem solving group interaction skills, oral communications skills, and clear expression of spoken and written ideas with the purpose of developing life-long readers and writers in American society. Outside reading will be required of all students; for this class these will be a 3 book minimum.
- 6005** **COLLEGE PREP ENGLISH 11** (11) Year-long
 This course is designed for the student who intends to attend college immediately after graduation from high school. It will survey American literature from Colonial America to the present. A variety of literary forms will be studied, and students will be encouraged to experiment with different writing styles, all with the purpose of preparing students for college courses. Emphasis will be on critical thinking and problem solving skills, problem solving group interaction skills, oral communication skills, and clear expression of spoken and written ideas. Outside reading will be required of all students; for this class there will be a 4 book minimum.

- 6006** **ENGLISH 12** (12) Year-long
 This course presents an overview of English literature. Students will use literature to help them form their own opinions about the world. . Outside reading will be required of all students; for this class there will be a 3 book minimum. They will sharpen their writing skills by composing various writings including essays, poetry, letter writing and creative writing. In addition, students will improve research skills and will continue to prepare for entrance into the workforce, military or vocational training
- 6007** **COLLEGE PREP ENGLISH 12** (12) Year-long
 Prerequisite: Passing Grade in CP English 11. This course is designed for the college bound student. CP English 12 presents an overview of British Literature with an emphasis on science-fiction, concentrating on the reading and analysis of literary works and the writing of critical essays and a research paper. Outside reading will be required of all students; for this class there will be a 5 book minimum. This class will encourage students to recognize and use their own voices through various methods of expression. In addition, students will learn to interpret others' voices from literature, media, popular culture and historical events. This course will include required readings of epic poems, short stories, novels and plays/screenplays.
- 6008** **ENGLISH COMPOSITION 1** (12) Semester
 This college course consists of instruction and practice in the fundamentals of writing with emphasis on grammatical correctness, acceptable usage, and effective organization of ideas. Exposition is the primary basis for such emphasis. Individuals will proceed through basic skills tests.
- 6009** **ENGLISH COMPOSITION 2** (12) Semester
 In this college course, constructive writing is continued with the emphasis on a long investigative paper in Modern Language Association (MLA) style. Readings on moral, political, and social issues are used to acquaint students with contrasting opinions and to encourage them to organize their own ideas on these issues. Practice in effective writing and development of an adequate vocabulary are emphasize. Must pass English Composition 1 with at least a C to take this course.
- 6010** **SPEECH** (9,10,11,12) Semester
 Speech is a semester-long course in the basics of public speaking and the nature of communication. Topics explored include why people communicate, channels of communication, problems in communication, public speaking, research skills, delivery techniques, organizational skills, and other topics. This is a performance-oriented class that demands every student's participation. It is designed and recommended for college-bound students, although the skills taught will be valuable for any student who wishes to overcome shyness, learn to speak more clearly, or learn to organize and present information.
- 6011** **INTRODUCTION TO THEATRE** (9,10,11,12) Semester
 Introduction to Theater is a performance class intended for students interested in the performing arts. The course includes a survey of basic theater skills, and includes exploration of theater history, acting, and dramatic literature. Students enrolling in this class are expected to work cooperatively with diverse groups of students. No previous experience in theater is required. However, students who are not interested in theater or performance are not advised to enroll in this class. A positive attitude and a desire to risk and perform with other students is critical. This is a lively and enjoyable course that requires hard work and dedication on the part of both the students and the teacher.
- 6012** **ADVANCED THEATER** (10,11,12) Semester
 Advanced Theater continues the exploration of dramatic arts begun in Introduction to Theater. While the introductory course is intended for a broad audience, Advanced Theater is intended for students who have a keen interest in the subject and who wish to have intense performance opportunities. The class uses a workshop format that combines work with improvisational games, acting techniques, technical theatre, costumes, make-up, history and actual production of scripts to teach students about theater through experience.

- 6013 DEBATE** (9,10,11,12) Semester
- This is both an Advanced Speech course and an activity. Self-motivation and team work are essential for success. Students will focus on research, organization, and analysis used in formal competition. Students are required to participate in at least 3 debate tournaments, as well as assist in hosting one. Students have the potential to letter in debate.
- 6014 ADVANCED DEBATE** (10,11,12) Semester
- Students who wish to learn more complex strategies in debate will have that opportunity. Also, similar skills taught in debate class will be extended. Students are required to participate in at least 4 debate tournaments.
- 6015 FORENSICS** (9,10,11,12) Semester
- This course is competitive speech and drama. Students must be responsible and self-motivated in order to excel. Students will use a wide range of performance skills to develop their strengths in public speaking, oral interpretation, and acting. All students must compete in at least 3 Saturday tournaments, as well as assist in hosting one. It is possible to qualify for state and national competition as well a letter.
- 6016 CREATIVE WRITING** (9,10,11,12) Semester
- This course is designed for students who enjoy writing creatively and who want to experiment with their writing skills. Possible units may include (but are not limited to) poetry, short stories, screenplays, character sketches, and children's books. All writing will be completed as a process, with many opportunities to peer review and share products with other students. In addition, students will focus on the revision and reflection components of growing as a writer. **Students can only enroll two, non-consecutive years.**
- 6017 YOUNG ADULT LITERATURE** (9, 10, 11, 12) Semester
- This elective is designed for students 9-12 who enjoy reading and who want to experiment with young adult literature. Possible genres may include (but are not limited to) realistic fiction, fantasy, science fiction, historical fiction, nonfiction, and poetry and verse novels. Students will explore new genres, and have the opportunity to read, discuss, and actively engage in young adult literature. **Students can only enroll two, non-consecutive years.**
- 6018 SCIENCE FICTION AND FANTASY LITERATURE** (9,10,11,12) Semester
- This elective is designed for students 9-12 who enjoy reading and who want to experiment with science fiction literature and fantasy. Students will explore the history of the genre and have the opportunity to read, discuss, and write science fiction and fantasy. **Students can only enroll two, non-consecutive years.**
- 6019 GRAPHIC NOVELS** (9,10,11,12) Semester
- The course will be an introduction to the medium of graphic novels as a literary style. The course will focus on the development of graphic novels as a medium and how the art has influenced American culture. The class will focus on the history of the medium and how the culture of the times affected the medium. The course will also compare and contrast graphic novels from different cultures ranging from Manga to critically acclaimed American graphic novels like Maus and Watchmen. The course will cover the format of the comic itself and deconstruct the storytelling process by showing visual/literary techniques used by the story-telling team. The class will cover concepts such as gender, race, and class in one of more graphic novels, compare/contrast novels to their literary counterparts and examine the transformation of graphic novel into film. The class cannot be taken in consecutive years.
- 7504 FUNDAMENTALS OF SPEECH** (NCCC – COMM 207) – (3 credit hours) (11,12) Semester
- This is a basic course designed to prepare students to communicate effectively in both private and public speaking situations. Emphasis is given to fundamentals of communication as well as composition, organization, and delivery of speech presentations.

MATHEMATICS

6500 **PRE-ALGEBRA** (9)

Year-long

This course is for students who need a refresher in earlier skills before entry into high school Algebra classes. Pre-Algebra will emphasize basic skills and computation, fractions, and integers with an introduction to Algebra topics. Placement will be based on assessment scores and teacher/counselor recommendation only.

6501 **ALGEBRA A & B** (9)

Year-long

This course will cover the same concepts as Algebra 1, meeting every day instead of following the regular A/B schedule. Placement in Algebra A/B will be based on assessment scores and teacher/counselor recommendation only. Algebra A will be completed in the fall semester with Algebra B completed in the spring. Emphasis will be placed on basic skills and problem solving, in addition to topics listed for Algebra 1.

6502 **ALGEBRA 1** (9,10,11,12)

Year-long

This course is an introduction to the language of algebra. It will cover variables, polynomial equations, functions, open sentences in one and two variables, quadratic polynomials, graphing, and other topics. Problem solving skills are stressed throughout the course. Operations with rational and irrational numbers as well as integers are learned, as well as applying these systems to variable expressions, equations and inequalities.

6503 **GEOMETRY** (9,10,11,12)

Year-long

This course is designed to provide an introduction to Euclidean plane geometry with emphasis on deductive proof, congruence, and precision of language. The major components of the class include deductive and inductive logic, the application of logic to geometric concepts, lines, polygons, coordinate geometry, and constructions. Prerequisite: Algebra 1

6504 **BASIC ALGEBRA 2** (10,11,12)

Year-long

This class is designed as the last math class a student will take in high school. It is designed for students who are not planning on further formal education beyond high school. This course will enhance basic skills, focusing on linear and quadratic equations. In addition, the topics of matrices, probability and polynomial functions will be introduced and explored. Preparation for the state math assessment is incorporated through the coursework. Prerequisite: Geometry

6505 **ALGEBRA 2** (10,11,12)

Year-long

This course is designed for students who will be continuing in a high school or higher education math class. It will further develop the student's understanding of basic algebraic skills, including linear equations. Quadratic relations, matrices, probability, polynomial functions, conic sections, and exponential and logarithmic functions will be introduced. Applications to various real-life situations of each concept will be explored. Prerequisite: Geometry

6506 **TRIGONOMETRY/ADVANCED MATH** (11,12)

Year-long

This course emphasizes the study of circular and trigonometric functions including their graphs, inverses, identities, and matrices, polar coordinates, and complex numbers. Other topics included will be studies of analytic geometry, and polynomial functions. Prerequisite: Algebra 2

6507 **CALCULUS** (11,12) Year-long

This course can be taken with the option of enrolling in a College Calculus I class. Topics covered include: differentiation, integration, limit theory, graphing, areas under curves, acceleration and velocity, and other applications. Prerequisites: Trigonometry/Advanced Math

7501 **COLLEGE ALGEBRA** (NCCC – MATH 113) (3 credit hours) - (11,12) Semester

Requirement: Completed Trig/Adv Math; can be enrolled concurrently in trig/Adv Math 2nd sem
 This is a standard College Algebra course designed for students who have successfully completed Algebra 1 and Algebra 2 in high school. It will satisfy the general education requirement for College Algebra and will transfer to all Kansas Regents institutions. Topics covered are: polynomials, rational expression and radicals, equations and inequalities, absolute value, functions and graphs, rational functions, exponential and logarithmic functions, conic sections, matrices and systems of equations and inequalities. Each student will be required to have a graphing calculator from the TI-83 or TI-84 series.

7502 **ANALYTIC GEOMETRY AND CALCULUS** (NCCC – MATH 150) (5 credit hours) (11-12) Semester

Requirement: completed Trig/Advanced Math
 Prerequisite: High School Calculus first semester
 This semester course follows the same outline as Calculus and fulfills the first semester calculus requirements at all Kansas Regents schools. Students looking to further their understanding of advanced mathematics or planning to major in a scientific discipline should consider this course

7503 **ELEMENTARY STATISTICS** (NCCC – MATH 143 (3 credit hours) (11-12) Semester

Requirement: Passed College Algebra (MATH 113)
 Calculation techniques for descriptive statistics, normal distributions, confidence intervals, sample size, hypothesis testing, and correlation will be presented. The application problems make this course appropriate for psychology, sociology, business, computer science, biology, education, liberal arts, technology, social science, nursing and allied health care, economics, ecology, and agriculture. Each student will be required to have a hand help statistics calculator.

MISCELLANEOUS

7000 **FRESHMAN SUCCESS** (9) Year-long

This is a required course for all freshmen. The year long course will focus on the academic and social skills needed to have a successful high school experience. Students will also start to be involved in career exploration activities during this class.

7001 **CAREERS** (12) Year-long

Students must be employed in order to take this course. All students will be enrolled in one or two blocks of time and may be required to work additional hours outside of the school day. This is a mentoring course and students will not be paid during their time of mentoring within the school day. Students will have the opportunity to explore career training options available after graduation . All students must provide their own reliable transportation.

7002 **LIBRARY AIDE** (11,12) Year-long

Application and acceptance required through the Counselor's office.

7003 **OFFICE AIDE** (11,12) Year-long

Application and acceptance required through the Counselor's office.

- 7004** **TEACHER'S AIDE** (11,12) Year-long
Application and acceptance required through the Counselor's office.
- 7005** **USD #290 TEACHER'S AIDE** (11,12) Year-long
Students must have been an **ACTIVE** member of FEA for at least one year. Students may enroll more than once; however, students removed for any reason from the program will not have the opportunity for re-enrollment. Students must provide their own transportation. The grading will be "A, Pass, or Fail". Students will be assigned to a teacher to act as a teacher's aide at one of the USD 290's elementary schools or at Ottawa Middle School.
- 7006** **PEER COUNSELING** (10,11,12) Year-long
Peer counselors help personalize the school so that each and every student feels cared for, supported, and important. Through classroom activities and small groups they enhance social competencies, including friendship-making skills, caring skills, assertiveness skills, and resistance skills. Peer Counselors emphasize the development of positive values, particularly those that build a sense of personal responsibility for the welfare of others. These goals are met through prevention and intervention effective paths. **Applications can be obtained through Mr. Powell. Deadline for application is April 1st.**
- 7007** **LEADERSHIP (LINK CREW)** (11,12) Year-long
By application only
A student who is interested in becoming a LINK leader should possess or want to become more sufficient in the following areas: positive attitude, ability to plan activities, teamwork, leadership, cooperation and have the ability to create and execute strategies. The LINK program is developed to help transition freshmen students into the high school academic, extra curricular and social environment. Students will be required to attend 2 hour training in May and 3-4 days of required meeting time in August. Students will have the opportunity to initiate and participate in activities with staff and freshmen students throughout the year. Students must apply to become a LINK leader. Students can pick up applications in the Guidance office. Once the selections are made, the students are notified with complete details of the program. Students who are elected LINK leaders will receive high school credit for enrolling in the leadership class.

COLLEGE COURSES (Neosho Co. Community College)

These college courses are taken as concurrent enrollment (dual credit-both high school and college credit). Since these are college classes, fees for these classes will be assessed by Neosho County Community College. Students will be responsible for paying this fee as well as the textbooks needed for the courses.

- 7500** **GENERAL PSYCHOLOGY** (NCCC- PSYC 115) (3 credit hours) - (11,12) Semester
This course is an introduction to the science of psychology including an emphasis on its historical and philosophical basis, the underlying principles of scientific methodology, as well as the principles of neuroscience, learning, intelligence, sensation/perception, motivation, emotion, consciousness, personality, life-span development, and psychopathology and treatment, among others.
- 7501** **COLLEGE ALGEBRA** (NCCC – MATH 113) (3 credit hours) - (11,12) Semester
Requirement: Completed Trig/Adv Math; can be enrolled concurrently in trig/Adv Math 2nd sem
This is a standard College Algebra course designed for students who have successfully completed Algebra 1 and Algebra 2 in high school. It will satisfy the general education requirement for College Algebra and will transfer to all Kansas Regents institutions. Topics covered are: polynomials, rational expression and radicals, equations and inequalities, absolute value, functions and graphs, rational functions, exponential

and logarithmic functions, conic sections, matrices and systems of equations and inequalities. Each student will be required to have a graphing calculator from the TI-83 or TI-84 series.

7502 ANALYTIC GEOMETRY AND CALCULUS (NCCC – MATH 150) (5 credit hours)
(11-12) Semester

Requirement: completed Trig/Advanced Math

Prerequisite: High School Calculus first semester

This semester course follows the same outline as Calculus and fulfills the first semester calculus requirements at all Kansas Regents schools. Students looking to further their understanding of advanced mathematics or planning to major in a scientific discipline should consider this course. Each student will be required to have a graphing calculator (TI-83 or TI-84 recommended).

7503 ELEMENTARY STATISTICS (NCCC – MATH 143 (3 credit hours) (11-12) Semester

Requirement: Passed College Algebra (MATH 113)

Calculation techniques for descriptive statistics, normal distributions, confidence intervals, sample size, hypothesis testing, and correlation will be presented. The application problems make this course appropriate for psychology, sociology, business, computer science, biology, education, liberal arts, technology, social science, nursing and allied health care, economics, ecology, and agriculture. Each student will be required to have a hand help statistics calculator.

7504 FUNDAMENTALS OF SPEECH (NCCC – COMM 207) – (3 credit hours) (11,12) Semester

This is a basic course designed to prepare students to communicate effectively in both private and public speaking situations. Emphasis is given to fundamentals of communication as well as composition, organization, and delivery of speech presentations.

7505 COLLEGE BIOLOGY (NCCC – BIOL 111) – (3credit hours) (11,12) Semester

This is an introductory biology class designed for non-majors to fulfill a five-hour biology requirement. Course work includes the study of basic biological principles, plants, animals, microorganisms, and the environment in which organisms live. By studying these areas, the student is exposed to a sampling of the major fields of biological study. Co-requisite: Concurrent enrollment with BIOL 112. If taken for dual credit, this course is a high school Advanced Biology class.

7506 COLLEGE BIOLOGY LAB (NCCC – BIOL 112) – (2 credit hours) (11,12) Semester

This laboratory exercised which reinforce the fundamental principles and processes of life taught in the lecture portion of the course will be examined. Co-requisite: Concurrent enrollment with BIOL 111.

7507 ENGLISH COMPOSITION I (NCCC – ENGL 101) – (3 credit hours) (12) Semester

This course consists of instruction and practice in the fundamentals of writing with emphasis on grammatical correctness, acceptable usage, and effective organization of ideas. Exposition is the primary basis for such emphasis.

7508 ENGLISH COMPOSITION II (NCCC – ENGL 289) – (3 credit hours) (12) Semester

Constructive writing is continued with the emphasis on a long investigative paper in MLA style. Readings on moral, political, and social issues are used to acquaint students with contrasting opinions and to encourage them to organize their own ideas on these issues. Practice in effective writing and development of an adequate vocabulary are emphasized. PREREQUISITE: ENGL101.

7509 INTRO TO MULTI-MEDIA TOOLS 1 (NCCC – COMM 150) (3credits) Semester

pop music. A small amount of choreography will be included to fit the various repertoire. Along with learning music for tenor/bass voices, students will learn mixed voice music and combine with the Women's Chorus to form the Concert Choir. A few "outside-of-class" rehearsals will be required prior to performances. As Men's Chorus is a performance based class, grades are based on daily participations well as performance, attendance, and oral and written assignments/tests.

7803 **CYTONES** (9,10,11,12)

Year-long

Members for this chamber choir/show choir group are selected through auditions held in the spring of the previous school year. Cytones is considered a small music ensemble. **Participants of this class will be required to enroll in a large music ensemble as well.** Activities for the group may include, but are not limited to summer rehearsals, various singing engagements, and competitions. Members are responsible for the cost of formal wear and touring expenses. Many hours outside of class are spent in rehearsals and fundraising. As Cytones is a performance based class, grades are based on daily participation as well as performance, attendance, and oral and written assignments/tests.

7804 **A CAPPELLA CHOIR** (10,11,12)

Year-long

Auditions for this small ensemble will be held in the spring of the previous school year. **Participants of this class will be required to enroll in a large music ensemble as well.** The emphasis of this class is to learn and sing music in close harmonies. The majority of the music repertoire will be sung a'capella and will include madrigal, vocal jazz and barbershop styles. A small amount of choreography will be included to fit the various repertoire. As A Cappella Choir is a performance based class, grades are based on daily participation as well as performance , attendance, oral and written assignments/tests.

7805 **CONCERT BAND** (9,10,11,12)

Year-long

This course is designed as a performance based class giving students the opportunity to perform as an ensemble while continuing to learn their appropriate part independently. Students will perform concerts through marching band, pep band, concert band and be given the opportunity to participate in District and State events such as Solo and Ensemble festivals and All-state Band. Grades will be based on attendance, written assignments, tests and class participation.

7806 **JAZZ ENSEMBLE** (9,10,11,12)

Year-long

Jazz Ensemble is an audition ensemble with auditions occurring during the spring. This course is designed as a performance based class giving the student the opportunity to not only fine tune their jazz skills but to perform at various activities throughout the year. It is a learning based class giving the opportunity to study a variety of musical styles; big band, pop tunes, blues, rock, Dixieland, bebop and other jazz arrangements. Emphasis will be geared towards learning the basics essential for performing jazz music. Two concerts per year will be scheduled. Consent of the director is required for this course.

7807 **INSTRUMENTAL MUSIC** (10,11,12)

Year-long

This course is designed to provide a student a more in-depth study of instrumental music. The course will focus on individual needs and areas of study in instrumental music. Students will design their own curriculum specific to their needs. Consent of the director is required for this course.

7808 **MUSIC THEORY** (10,11,12)

Year-long

This course is an integrated study and application of tonality, melody, harmony, texture and form, from basic notation through modulation. It included sight singing, ear training, and dictation. Introduction to composition and arranging, ie: instrument ranges, transposition, tessitura and preliminary score analysis. Music technology is also introduced.

7809 **ADVANCED MUSIC THEORY** (11,12) Year-long

This course is a continuation of course 7808 Music Theory.

7810 **MUSIC APPRECIATION** (9,10,11,12) Year-long

Students expand their appreciation of many musical styles and traditions and the cultures that they came from. Using hands-on activities, students learn the basic elements and creative aspects of music. The course will cover the music of the Western classical tradition, folk music, popular and world music through recordings, videos and live performance.

PHYSICAL EDUCATION

8000-8001 **FRESHMEN BOYS/GIRLS PE & HEALTH** (9) Year-long

This is required by State Law for graduation. Emphasis is placed on the development of adequate fitness and strength as well as basic movement skills. The student will be required to dress properly each day, participate to the best of his/her ability and shower at the end of each class. Health instruction is included in the curriculum. Included will be topics on cardiovascular fitness, nutrition, first aid, and sexually-transmitted diseases. Evaluation will be included in the physical education grade.

8002 **FITNESS FOR LIFE** (10,11,12) Year-long

This course will center on the theory and practical application of conditioning programs. Strength, muscle development, flexibility, rehabilitation of injuries, and prevention of injuries will be stressed. Students will learn the theory behind and value of staying fit throughout their lifetime. Recreational activities as well as traditional and non-traditional team sports will be incorporated. All students are expected to dress properly for class and shower each day.

8003 **WEIGHTLIFTING** (9,10,11,12) Year-long

Students will participate in a vigorous weight training program as well as plyometric and flexibility training. Team work will be stressed and a positive attitude is required.

8004 **PRINCIPLES OF COACHING AND OFFICIATING** (11-12) Year-long

This is a course designed for students interested in learning more about coaching and officiating football, volleyball, basketball, track and softball/baseball. The goal is for students to develop a positive coaching philosophy while learning the major rules and mechanics of officiating. During this course students will learn how to communicate, motivate and teach techniques of each sport. The students will also have the opportunity to officiate their classmates while playing games. Do to limited space underclassmen will have first consideration in enrolling in this course.

8005 **NUTRITION/BODY BLAST** (10,11,12) Year-long

This course is designed for those female students who have a genuine interest in the relationships between diet, nutrition, and exercise. Students must have received a B or better in PE9, Lifetime Fitness or Weight Training to enroll in this class. Topics covered in this class are as follows: physical fitness, weight control, nutrient metabolism during exercise, athletic performance, and examination of the impact of exercise and fitness trends on women in society with particular emphasis on how society presents obstacles to exercise and fitness. Some specific areas of interest include the relationship between exercise patterns and family structure, cosmetic fitness, eating disorders, and social class. Cardiovascular fitness, body ball workouts, and muscle toning will be emphasized. Students will also be selecting music, designing routines,

acquire new skills/concepts quickly. A non-graphing scientific calculator (T130XA) is required. Geometry is a prerequisite.

9006 **PHYSICS** (10,11,12) Year-long

Physics is the study of matter and energy. This course covers and extends topics introduced in previous physics or physical science courses, and is the “traditional” high school physics course. The first semester deals with forces, motion, energy, and thermodynamics. The second semester focuses on waves, sound, electricity, optics, and selected advanced topics. Laboratory work, reading and writing in science, and career topics in science will all be components of the course. Students must have (1) taken Algebra 2 and earned a “C” or better, OR (2) be currently enrolled in or have passed Trigonometry, OR (3) be enrolled in or have completed a mathematics class higher than Trigonometry.

9007 **GENERAL SCIENCE** (11,12) Year-long

This course will investigate a variety of science topics not limited to any one area of study. It is an alternate junior or senior course exploring science issues, applications, careers, vocabulary and laboratory skills. Current science standards and standardized testing skills will be a focus, strengthening knowledge and skills while providing the student with confidence when encountering these situations. Students who are college bound and will need college science are still encouraged to complete chemistry, physics, college biology or advanced biology following this course.

7505 **COLLEGE BIOLOGY** (NCCC – BIOL 111) – (3credit hours) (11,12) Semester

This is an introductory biology class designed for non-majors to fulfill a five-hour biology requirement. Course work includes the study of basic biological principles, plants, animals, microorganisms, and the environment in which organisms live. By studying these areas, the student is exposed to a sampling of the major fields of biological study. Co-requisite: Concurrent enrollment with BIOL 112. If taken for dual credit, this course is a high school Advanced Biology class.

7506 **COLLEGE BIOLOGY LAB** (NCCC – BIOL 112) – (2 credit hours) (11,12) Semester

This laboratory exercised which reinforce the fundamental principles and processes of life taught in the lecture portion of the course will be examined. Co-requisite: Concurrent enrollment with BIOL 111.

SOCIAL STUDIES

9500 **WORLD HISTORY** (10) Year-long

This is a Western Civilization course covering the Renaissance through The Industrial Revolution.

9501 **AMERICAN HISTORY** (11) Year-long

This course is the study of 20th century American History.

9502 **AMERICAN GOVERNMENT** (12) Semester

This is an introductory course in the American governmental process. Students will examine the American political system in regards to its purpose, organization, and functions as it relates to the Executive, Legislative, and Judicial Branches. This course is recommended for students who aren’t pursuing further education after high school.

9503 **CP AMERICAN GOVERNMENT** (12) Semester

This is an introductory course in Political Science, which examines the fundamental elements of the United States political system with an emphasis on the constitutional foundations of the democratic system, its institutional structure, and the policy processes used in governing a democratic nation. This course is recommended for the college-bound student.

9802	<u>AC READING</u> (9,10,11,12)	Year-long
9803	<u>AC CONSUMER MATH</u> (9,10,11,12)	Year-long
9804	<u>AC BASIC MATH</u> (9,10,11,12) Students must have an IEP to enroll in this class. This course will focus on fundamental math skills. Practical math will be presented as real-life situations so students see the relevance of math in their day-to-day lives. This course will prepare students for Pre-Algebra.	Year-long
9805	<u>AC LIFE SKILLS MATH</u> (9,10,11,12) Students must have an IEP to enroll in this class. This course presents math skills needed by adults for independent living. Students enrolling in this class would have basic computational skills but need practice applying those skills. Examples of course content include: Time, changing recipes, using percents, lawn care, using energy, etc.) This course will prepare students for Basic Math.	Year-long
9806	<u>AC PRE-ALGEBRA</u> (9,10,11,12)	Year-long
9807	<u>AC WORLD HISTORY</u> (10)	Year-long
9808	<u>AC AMERICAN GOVT/ECON</u> (12) Students must have an IEP to enroll in this class. This course explores the process of the American Government and the functions and makeup of the three branches. This class will also cover the way societies decide production, distributions and services choices and will include the rules of producers, consumers and the government.	Year-long
9809	<u>AC BIOLOGY</u> (9,10,11,12)	Year-long
9810	<u>AC PHYSICAL SCIENCE</u> (10,11,12)	Year-long
9811	<u>AC ADVANCED BIOLOGY</u> (11,12)	
9812	<u>LIFE SKILLS ENGLISH</u> (9,10,11,12)	Year-long
9813	<u>LIFE SKILLS MATH</u> (9,10,11,12)	Year-long
9814	<u>LIFE SKILLS SCIENCE</u> (9,10,11,12)	Year-long
9815	<u>LIFE SKILLS SOCIAL STUDIES</u> (9,10,11,12)	Year-long
9816	<u>LIFE SKILLS SOCIAL SKILLS</u> (9,10,11,12)	Year-long
9817	<u>LIFE SKILLS TRANSITION</u> (9,10,11,12)	Year-long
9818	<u>LIFE SKILLS FOODS</u> (9,10,11,12)	Year-long
9819	<u>GIFTED/IND STUDY</u> (11,12)	Year-long
9820	<u>GIFTED CAREER EXPLORATION</u> (11,12)	Year-long

