

NEWTON COMMUNITY HIGH SCHOOL

2011-2012 Curriculum Guide

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MISSION

NCHS

STATEMENT

Newton Community High School, a community of students, parents, staff, and citizens, will provide challenging educational and social experiences that instill within all students the desire for lifelong learning, responsible citizenship and the skills to:

- Solve complex problems using critical thinking.
- Work as a member of a team.
- Attain a cultural awareness of diverse peoples.
- Cultivate the flexibility to adapt to change.
- To build respect for themselves and others.
- Acquire the ability to apply knowledge.

NCHS

GRADING SYSTEM/CLASS RANK HONOR ROLL

All semester grades, with the exception of grades from physical education and driver education, are included in the computation of class rank. College preparatory courses receive the same weight as all other courses. The grades awarded and points assigned are indicated below:

A+/A	5.000	C+	3.250	D-	1.750
A-	4.750	C	3.000	P	1.010
B+	4.250	C-	2.750	F	1.000
B	4.000	D+	2.250		
B-	3.750	D	2.000		

HONOR ROLL

Students may qualify for the honor roll each quarter based on the following scale:

Highest Honors	5.000
High Honors	4.500-4.990
Honors	4.000-4.490

Note to student

This handbook has been prepared for your use and reference as you plan your high school career. With help from your parents, counselor, and teachers, you will understand credits, learn about graduation and college requirements, and be able to make well-informed decisions when planning your high school education.

GRADUATION REQUIREMENTS

CLASS OF 2012-2015

- Science – 2 credits
- Mathematics – 3 credits (Including Algebra I and Geometry)
- Social Studies – 2 credits
 - Required:
 - American History – 1 credit
 - Government - .5 credit
 - Economics or Resource Management - .5 credit
- English – 4 credits (2 years of writing)
- Computer Concepts - .5 credit
- Driver Education - .5 credit
- Health Education - .5 credit
- Physical Education – 3 credits
- Art, music, foreign language, or vocational education – 1 credit

(Proficiency in American Sign Language shall be considered an alternative to a foreign language.)
- Prairie State Achievement Examination (PSAE)

All graduation requirements must be met before participating in commencement.

REQUIREMENTS OF STATE UNIVERSITIES

Minimum high school course requirements for admission to Illinois public universities:

- English – 4 credits
- Math – 3-4 credits (Practical math not included)
- Science – 3 credits
- Social Studies – 3 credits
- Foreign Language – 2 credits are required at UIUC and UIC and some other highly selective universities.

Keep in mind that these are minimum requirements and that each student is responsible for checking with a counselor about admission requirements of particular institutions. Students planning to attend a community college for a one-year certificate or a two year applied science degree are not usually required to follow these requirements.

Please refer to college catalogs or websites for specific admission requirements.

State Universities in Illinois — At a Glance

Summary of Minimum High School Course Requirements for Admission of Freshman to Illinois Public Universities —Effective 2010—

	Total	English	Social Studies	Mathematics	Science	Electives and Other Requirements
Chicago State + Eastern Illinois Northeastern Illinois	15 15 15	4 ¹ 4 ¹ 4 ¹	3 ² 3 ² 3 ²	3 ¹³ 3 ¹³ 3 ¹³	3 ¹⁴ 3 ¹⁴ 3 ¹⁴	2 years of foreign language, music, vocational education or art; 2 years of academic or vocational electives.
Western Illinois +	15	4 ¹	3 ²	3 ¹³	3 ¹⁴	2 years of foreign language (FL) or 2 years of fine arts (FA) or a combination of 1 year FA/FL and 1 year of vocational education, 2 years of foreign language, music, vocational education, art, theatre, film, religion, philosophy, speech or journalism.
Illinois State	15	4	2	3 ¹³	2 ¹⁴	2 years of one foreign language or fine arts; and 2 years of electives.
Northern Illinois	15	4 ²	3 ¹²	3 ¹²	3 ¹²	2 units (one must be foreign language, art, or music); 3 units of the required 15 units may be distributed by deducting no more than one unit from the categories of social studies, sciences, and electives and completing those 3 units in any of the 5 categories of coursework.
Southern Illinois University						
Carbondale	15 or 18	4 ¹	3 ²	3 or 4 ¹²	3 ¹³	2 years of electives in foreign language, art, fine arts, music or vocational education; if a foreign language is taken, it must include two semesters of the same language.
Edwardsville	15	4 ¹	3 ²	3 ¹²	3 ¹⁴	2 years chosen from foreign language, music, the visual arts, theatre, dance and/or vocational education.
University of Illinois						
Chicago	16	4 ²	3	3	3 ¹⁴	2 years of foreign language; 1 year of an elective.
Springfield	15	4 ²	3 ²	3 ¹⁵	3 ¹⁵	2 years of one foreign language or 2 years of fine arts, selected from art, music, dance and theatre are required.
Urbana-Champaign	15 or 15.5	4 ¹	2 ²	3 or 3.5 ¹⁴	2 ¹³	2 years of one foreign language are required; and 2 years (flexible academic units) from any of the five subject categories. Approved art, music, or vocational education courses may be counted in the flexible academic units category.

NOTES:

- Suggested Electives – includes other academic courses.
- Emphasizing written and oral communication and literature.
- Three units of English must be courses emphasizing written and oral communication and literature.
- Emphasizing grammar, composition, written and oral communication, and literature; may include not more than 1 year of creative writing or journalism.
- Studies in language, composition, and literature requiring practice in expository writing in all such work. Coursework should emphasize reading, writing, speaking, and listening.
- Emphasize history and government.
- One unit must be U.S. history or a combination of U.S. history and government.
- At least 2 years of history and/or government; other acceptable subjects are anthropology, economics, geography, psychology, and sociology.
- History and government are preferred. Additional acceptable social studies include anthropology, economics, geography, philosophy, political science, psychology, and sociology.
- One unit must be American History plus 1 unit of history, government, psychology, economics or geography.
- Introductory through advanced algebra, geometry, trigonometry, or fundamentals of computer programming (Computer programming not applicable at ISU).
- Three to four units of college preparatory mathematics, including one year of geometry and one year of advanced algebra and/or trigonometry.
- Algebra I & II, and a proof-based geometry course. A fourth unit is highly recommended; trigonometry and pre-calculus, or statistics, depending on the student's area of interest.
- One year of introductory algebra, 1 year of geometry 1/2 year of algebra beyond the introductory year, and 1/2 year of more advanced mathematics or fundamentals of computer programming.
- Algebra, geometry, advanced algebra, trigonometry. Typically, such courses as career/occupational mathematics, consumer mathematics, applied business mathematics, pre-algebra, and computer courses are not acceptable. 3.5 years of mathematics including trigonometry are required in the following curricula: Agricultural, Consumer and Environmental Sciences – agricultural engineering; Business – all curricula; Engineering – all curricula; Fine and Applied Arts – architectural studies; Liberal Arts and Sciences-specialized curricula in biochemistry, chemical engineering, chemistry, geology, and physics.
- Algebra, geometry, advanced algebra, trigonometry.
- Laboratory sciences.
- Two units must be courses in the physical or biological sciences. One unit must be a laboratory science.
- One year of biology, 1 year of chemistry, and 1 additional year of earth science, physics, biology, or chemistry. (All must be laboratory sciences.)
- Laboratory courses in biology, chemistry, or physics are preferred. Laboratory courses in astronomy and geology are also acceptable. General science will not be acceptable.



NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

KNOW THE RULES:

Core Courses

- **NCAA Division I requires 16 core courses as of August 1, 2008.** 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.
- **NCAA Division II requires 14 core courses.** See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

Test Scores

- **Division I** has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.
- **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, mathematics, reading and science.
- **All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.**

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 Eligibility Center's Web site to make certain that 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 page two of this sheet.
- **The Division II** grade-point-average requirement is a minimum of 2.000.

DIVISION I 16 Core-Course Rule

16 Core Courses:

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

DIVISION II 14 Core-Course Rule

14 Core Courses:

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

PLEASE NOTE: Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

OTHER IMPORTANT INFORMATION

- Division II has no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.
- 14 core courses are currently required for Division II. However, beginning 2013, students will be required to complete 16 core courses.
- 16 core courses are required for Division I.
- The SAT combined score is based on the verbal and math sections only. The writing section will not be used.
- SAT and ACT scores must be reported directly to the Eligibility Center from the testing agency. Scores on transcripts will not be used.
- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final amateurism certification prior to enrollment.

For more information regarding the rules, please go to www.ncaa.org. Click on "Academics and Athletes" then "Eligibility and Recruiting." Or visit the Eligibility Center Web site at www.ncaaclearinghouse.net.

Please call the NCAA Eligibility Center if you have questions:

Toll-free number: 877/262-1492.

NCAA Eligibility Center
05/07/08 LK:cr

NCAA DIVISION I SLIDING SCALE CORE GRADE-POINT AVERAGE/ TEST-SCORE New Core GPA / Test Score Index		
Core GPA	SAT Verbal and Math ONLY	ACT
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

NCAA, continued

The following courses are NCAA Approved Core Courses.

ENGLISH

English I
English II
Pre-College English III
Pre-College English IV
Speech

MATHEMATICS

Honors Math I
Honors Math II
Algebra I
Algebra II
Calculus
Geometry
Liberal Arts Math
Intro to Statistics
Trigonometry

SOCIAL SCIENCE

American History
Current Events
Economics
Geography
Government
Psychology I
World History
History of World War II

NATURAL/PHYSICAL SCIENCE

Biology I (Lab)
Biology II (Lab)
Bio Sci App Ag (Lab)
Chemistry I (Lab)
Chemistry II (Lab)
Earth Science (Lab)
Physics (Lab)

ADDITIONAL CORE COURSES: Spanish I, Spanish II, and Spanish III

NCAA legislation permits a student to receive credit for a core course only one time. As a result, if a student repeats a core course, the student will only receive credit one for the core course and the highest grade earned in the course will be included in the calculation of the student's core-course grade-point average. Likewise, if a student completes a course that is duplicative with another core course, the student will only receive credit once for the core course and the highest grade earned in the course will be included in the calculation of the student's core-course grade-point average.

For more information log on to: www.ncaaclearinghouse.net

DUAL CREDIT COURSES

The following courses may be completed for dual credit through Frontier Community College.

FRONTIER COMMUNITY COLLEGE COURSE NUMBERS FOR DUAL CREDIT COURSES		
Newton Community High School	Frontier Community College	Course No.
Pre-College English IV	Composition I (1 st Sem) Composition & Analysis (2 nd Sem)	ENG1111 ENG1121
Speech	Fundamentals of Effective Speaking	SPE 1101
Calculus & Analytic Geom I	Calculus I	MTH1171
Introduction to Statistics	Intro to Statistics	MTH1131
Trigonometry	Trigonometry (Credit may not transfer)	MTH1105
Liberal Arts Math	Liberal Arts Math	MTH1103
Chemistry II	Intro to Chemistry	CHM1120
Government	Government of the United States	PLS2101
Economics	Principles of Macroeconomics	ECN2101
Psychology I	General Psychology I	PSY1101
Health Occ Core of Skills	Basic Nurse Asst. Training Program	HEA1203
Web Design I	Intro to Web page Construction	CIS1203
Web Design II	Advanced Web page I	CIS1206
<p>NOTE: The post-secondary institution will determine which courses will be accepted as transfer credit. Please contact the college's admissions office for additional information.</p>		

NCHS CURRICULUM

The State Board of Education has added new components to our local curriculum. In the curriculum you will view the local course name, course code, credit, local course description and prerequisite (if applicable). You will also see the federal course name, federal code, federal subject area, course description and course rigor. Listed below is the key to the course rigor:

R - Remedial
 G - General
 E - Enriched
 H - Honors

ENGLISH DEPARTMENT

English I
 English II
 English III
 English IV

Pre-College English III
 Journalism I, II, III, and IV

DUAL CREDIT ENGLISH COURSES OFFERED THROUGH FRONTIER COMMUNITY COLLEGE

Pre-College English IV
 Speech

ENGLISH I (ENG100A/ENG100B)

Length of course: 2 semesters

Credit: 1

English/Language Arts I (9th grade) Rigor: G

Subject Area: ENGLISH/LANGUAGE ARTS

State Code: 01001A000

COURSE DESCRIPTION

This course presents traditional literature (short stories, poetry, AR reading, Romeo and Juliet, and The Odyssey). Emphasis will be placed on grammar, a focus on vocabulary study, and continuing writing (improving the single paragraph and introducing multi-paragraph).

FEDERAL COURSE DESCRIPTION FOR ALL 9TH GRADE ENGLISH COURSES

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

ENGLISH II (ENG200A/ENG200B)

Length of course: 2 semesters

Credit: 1

Prerequisite: English I

English/Language Arts II (10th grade) Rigor: G

Subject Area: ENGLISH/LANGUAGE ARTS

State Code: 01002A000

COURSE DESCRIPTION

This course is a continuation of English I. Organizational skills are further developed. The emphasis is placed on sentence construction, development of the multi-paragraph format and persuasive, expository, compare and contrast biographical narratives. The study of MLA, research paper, research methods, prewriting techniques, mechanics, peer evaluation, revision and editing will be taught. Traditional literature is presented in the course such as short stories, poetry, Julius Caesar, and AR reading.

FEDERAL COURSE DESCRIPTION FOR ALL 10TH GRADE ENGLISH COURSES

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

ENGLISH III (ENG290A/ENG290B)

Length of course: 2 semesters

Credit: 1

Prerequisite: English I and II

English/Language Arts III (11th grade) Rigor: R

Subject Area: ENGLISH/LANGUAGE ARTS

State Code: 01003A000

COURSE DESCRIPTION

This course stresses practical application of English in the workplace. It is designed to educate students in the practical application of communication. Students will investigate careers and interview people with work experience. Technical writing and process writing will be emphasized, including the form of writing and following instruction. Students will be taught business writing that will include writing formal business letters and group work teaching the importance of teamwork and Work Keys. Computer software will be used to learn about listening, writing, and teamwork, process writing, interviewing, listening and public speaking. Each student will give a process speech and oral report during this class. Students will have the opportunity to job shadow someone in a profession of their choosing.

FEDERAL COURSE DESCRIPTION FOR ALL 11TH GRADE ENGLISH COURSES

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

PRE-COLLEGE ENGLISH III (ENG300A/ENG300B)

Length of course: 2 semesters

Credit: 1

Prerequisite: English I and II earning a grade of a B or higher in both courses

English/Language Arts III (11th grade) Rigor: E

Subject Area: ENGLISH/LANGUAGE ARTS

State Code: 01003A000

COURSE DESCRIPTION

This course is designed for the student preparing to attend a university either straight out of high school or as a transfer student. Students complete an overview of American literature through an intensive study of various forms: drama, short story, poem, essay, and novel. This is an upper level English course that focuses on advanced writing, reading, and discussion skills. Extensive writing will take place and counts for the majority of the student's grade. The following skills are taught and developed: critical thinking, team-building, advanced writing, and formal research paper (involves research techniques, source and note cards, editing and revising). Literary analysis (5 to 10 pages, typed) will be required and persuasive and expository essays (writing, editing, and revising). MLA format will be taught and presentation, discussion and interpretation of literature will also be a part of this curriculum.

FEDERAL COURSE DESCRIPTION FOR ALL 11TH GRADE ENGLISH COURSES

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

ENGLISH IV (ENG400A/ENG400B)

Length of course: 2 semesters

Credit: 1

Prerequisite: English I, II, and III

English/Language Arts IV (12th grade) Rigor: G

Subject Area: ENGLISH/LANGUAGE ARTS

State Code: 01004A000

COURSE DESCRIPTION

This course is designed to educate students in the practical application of communication both for school and the workplace. This course is a continuation of English III. Reading and writing for the workplace will be emphasized. Grammar will be covered within the scope of the writing assignments. The business writing will include: letters, reports, and proposals. The technical writing will include: reports and manuals, and career writing will include: letters, resumes, and applications. Technology will include: use of various technology, internet, emails, and presentations.

FEDERAL COURSE DESCRIPTION FOR PUBLIC SPEAKING COURSE

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

PRE-COLLEGE ENGLISH IV (ENG410A/ENG410B)

Length of course: 2 semesters

FCC Dual Credit

Credit: 1

Prerequisite: Pre-College English III earning a grade of a B or higher

*English/Language Arts IV (12th grade) Rigor: H**Subject Area: ENGLISH/LANGUAGE ARTS**State Code: 01004A000***COURSE DESCRIPTION**

This course will study world literature with an emphasis on English literature. Writing of expository and persuasive papers based upon the literary works studied will be required. Essay tests are frequently used and discussed in order to improve writing in this area and writing assignments will be directed less by the teacher as students are expected to become more self-reliant. Accelerated reading is still used and will remain part of the student's grade. The majority of time is spent reading and studying nonfiction essays in order to learn various writing techniques. After essays are marked and graded, they are returned to the students for revisions. Proofreading skills are also emphasized and quarter grades could be based on only 3 to 5 grades.

FEDERAL COURSE DESCRIPTION FOR PUBLIC SPEAKING COURSE

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

SPEECH (ENG610A/ENG610B)

Length of course: 1 semester

FCC Dual Credit

Credit: .5

*Public Speaking Rigor: H**Subject Area: ENGLISH/LANGUAGE ARTS**State Code: 01151A000***COURSE DESCRIPTION**

This course is designed for the beginning speech students. Public speaking is emphasized and students will also study self-concept, interpersonal communication, communication theories, and conflict resolution. Students will develop both research and organizational skills through speech preparation activities. Students will give informational, persuasive, and group presentation speeches during the course of the semester. Drama activities involving oral interpretation, choral reading, pantomime, acting and other aspects of theater arts will be taught. Students will be involved in the production of several types of mass media.

FEDERAL COURSE DESCRIPTION FOR PUBLIC SPEAKING COURSE

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

FEDERAL COURSE DESCRIPTION FOR JOURNALISM COURSES

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

JOURNALISM I (ENG500A/ENG500B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Earning a grade of a C or higher in English

JOURNALISM Rigor: G

Subject Area: COMMUNICATION AND AUDIO/VISUAL

State Code: 11101A000

COURSE DESCRIPTION

This course is designed to teach the foundations of scholastic, yearbook journalism. This class has a very limited role in actual yearbook production. Rather the course focuses on teaching the basic skills necessary in producing a yearbook publication. The following skills or concepts are covered: writing for the yearbook and newspaper (features, news writing, sports writing, editorial writing, captions, and headlines). Students will designing page layouts (both on paper and the computer), taking photographs (sports, candid photos, and group photos), gathering information – interviews, surveys, beats, creating a properly formatted publication – themes, content, structure, following work processes and working within teams.

JOURNALISM II (ENG510A/ENG510B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Journalism I

JOURNALISM Rigor: G

Subject Area: COMMUNICATION AND AUDIO/VISUAL

State Code: 11101A000

COURSE DESCRIPTION

The course is designed to apply the principles learned in Journalism I. Students could be given specific leadership duties for a particular section of the yearbook. Students will have a high level of involvement and responsibility in producing the school's yearbook. Work will vary depending on the student's position; however, all positions will require independent work in the areas of computers, layout design, and writing. The following activities are part of this course: completion of four to eight layouts for yearbook and/or newspaper, photographing at sport events and candid photographs, selling of page advertising (required work outside of school), selling and distribution of yearbooks, and selling of other items to fund yearbook production and class trips. A student will complete job duties associated with position, conducting interviews and writing appropriate copy, working as part of a cooperative team and working with staff and administration in getting coverage and content.

JOURNALISM III (ENG520A/ENG520B)

Length of course: 2 semesters

Credit: 1

Prerequisites: Journalism I and II

JOURNALISM Rigor: G

Subject Area: COMMUNICATION AND AUDIO/VISUAL

State Code: 11101A000

JOURNALISM IV (ENG530A/ENG530B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Journalism I, II and III

JOURNALISM Rigor: G

Subject Area: COMMUNICAITON AND AUDIO/VISUAL

State Code: 11101A000

COURSE DESCRIPTION FOR JOURNALISM III AND IV

This class is designed to expand on the leadership roles developed in Journalism II. In addition to all of the requirements of Journalism II students will be involved in creating a staff manual that contains policies, procedures, and a style guide. Students will attend a summer workshop prior to taking the class in order to develop the following year's ladder and theme package. Students will be considered for the top two leadership positions. Students will learn to process proofs, which require work outside of normal school hours and advanced computer concepts are taught, such as using templates. Students will complete yearbook and newspaper layouts and train incoming editors.

MATH DEPARTMENT

Algebra I

Geometry

Honors Math II

Algebra II

Practical Math

DUAL CREDIT MATH COURSES OFFERED THROUGH FRONTIER COMMUNITY COLLEGE

Liberal Arts Math

Intro to Statistics

Trigonometry-Analytic Geometry-Precalculus

Calculus and Analytic Geometry

Freshman placement for math will be determined by the EXPLORE Test math scores administered during the student's eighth grade year. The student must test at the 89th percentile or higher in math on the EXPLORE Assessment Test to be placed in Geometry for grade 9. Students who have not completed Algebra I during their 8th grade year will be required to complete one year of Algebra I during grade 9, regardless of test score.

ALGEBRA I (MAT100A/MAT100B)

Length of course: 2 semesters

Credit: 1

ALGEBRA I Rigor: E

Subject Area: MATHEMATICS

State Code: 02052A000

COURSE DESCRIPTION

This course is designed to prepare a student to succeed in higher level math. Students will be adding, subtracting, multiplying, and dividing signed numbers. They will also be solving equations and inequalities, graphing, factoring, simplifying expressions involving exponents and radicals, problem solving and exploring functions.

FEDERAL COURSE DESCRIPTION FOR ALGEBRA I COURSE

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

GEOMETRY (MAT200A/MAT200B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Algebra I

GEOMETRY Rigor: E

Subject Area: MATHEMATICS

State Code: 02072A000

COURSE DESCRIPTION

This course is designed to prepare a student to succeed in higher-level math classes. Geometry knowledge is also necessary to perform well on college entrance exams (ACT) and math placement exams (to be admitted to college level math courses). The student will work with real number properties, measurement, logical reasoning (proof), synthetic and coordinate geometry, properties of angles, lines, planes, figures, and solids. Students will also work with area and volume, triangle trigonometry and algebra review.

HONORS MATH II (MAT210A/MAT210B)

Length of course: 2 semesters

Credit: 1.5

Prerequisite: Honors Math I

MATHEMATICS – OTHER Rigor: H

Subject Area: MATHEMATICS

State Code: 02999A000

COURSE DESCRIPTION

This course is designed to prepare students to take calculus during their senior year of high school. The math department suggests that the student have a graphing calculator (TI83 Plus, TI83 Plus Silver, TI84 Plus, or a TI84 Plus Silver). Students will complete their study of Geometry and Algebra II. Topics include: Properties of similarities, right triangles and trigonometry, circles, polygons and polyhedrons, second degree equations, polynomial functions, graphing, matrix algebra, trigonometric functions, complex numbers and logarithms, statistics, and use of graphing calculators. This course will be very rigorous.

FEDERAL COURSE DESCRIPTION FOR GEOMETRY COURSE

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

ALGEBRA II (MAT300A/MAT300B)

Length of course: 2 semesters

Credit: 1 credit

Prerequisites: Algebra I and Geometry

ALGEBRA II Rigor: E

Subject Area: **MATHEMATICS**

State Code: 02056A000

COURSE DESCRIPTION

This class is designed to prepare students for college math courses. It will help to prepare students for the ACT, college placements exams and college entrance exams. This course is an extension of the concepts of Algebra I and Geometry. Students will study: second degree equations, polynomial functions, graphing, matrix algebra, trigonometric functions, complex numbers and logarithms, statistics and use of scientific calculators.

FEDERAL COURSE DESCRIPTION FOR ALGEBRA II COURSE

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

PRACTICAL MATH (MAT290A/MAT290B)

Length of course: 2 semesters

Credit: 1

Business Math Rigor: G

Subject Area: **MATHEMATICS**

State Code: 02154A000

COURSE DESCRIPTION

This class is designed to improve basic math skills and prepare students to use these skills in life application, review of arithmetic involving whole, mixed, decimal, fractions, and signed numbers. The student will also work with problem-solving, money management skills and various consumer topics.

FEDERAL COURSE DESCRIPTION FOR BUSINESS MATH COURSE

Business Math courses reinforce general math skills, emphasize speed and accuracy in computations, and use these skills in a variety of business applications. Business Math courses reinforce general math topics (e.g., arithmetic, measurement, statistics, ratio and proportion, exponents, formulas, and simple equations) by applying these skills to business problems and situations; applications might include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest.

LIBERAL ARTS MATH (MAT390A)

Length of course: 1 semester

Credit: .5

Prerequisite: Completed Algebra II earning a grade of a C or higher

Discrete Mathematics Rigor: H

Subject Area: **MATHEMATICS**

State Code: 02102A000

FCC Dual Credit

COURSE DESCRIPTION

This dual credit course focuses on mathematical reasoning and problem-solving strategies with applications. Topics will be chosen from the following list: mathematical modeling, logic/set theory, geometry applications, finance, systems of numeration and linear programming.

FEDERAL COURSE DESCRIPTION FOR DISCRETE MATHEMATICS

Discrete Mathematics courses include the study of topics such as number theory, discrete probability, set theory, symbolic logic, Boolean algebra, combinatorics, recursion, basic algebraic structures and graph theory.

INTRODUCTION TO STATISTICS (MAT395b)

Length of course: 1 semester

FCC Dual Credit

Credit: .5

Prerequisite: Completed Algebra II earning a grade of a C or higher

Inferential Probability and Statistics Rigor: H

Subject Area: MATHEMATICS

State Code: 02202A000

COURSE DESCRIPTION

This dual credit course focuses on the basic concepts, techniques, and applications of statistics. Topics include: organization, presentation, and description of data, percentiles, measures of central tendency and measures of dispersion, standard normal distribution, correlation and regression, probability, hypothesis testing and confidence intervals, sampling and sampling distributions and use of graphing calculator.

FEDERAL COURSE DESCRIPTION FOR INFERENCE PROBABILITY AND STATISTICS COURSE

Probability and Statistics courses focus on descriptive statistics, with an introduction to inferential statistics. Topics typically include event probability, normal probability distribution, collection and description of data, frequency tables and graphs, measures of central tendency and variability, random variables, and random sampling. Course topics may also include covariance and correlation, central limit theorem, confidence intervals, and hypothesis testing.

TRIGONOMETRY-ANALYTIC GEOMETRY-PRECALCULUS (MAT410A-MAT410B)

Length of course: 2 semesters

FCC Dual Credit

Credit: 1

Prerequisite: Completed Algebra I, II and Geometry earning a grade of a C or higher

Trigonometry/Algebra Rigor: H

Subject Area: MATHEMATICS

State Code: 02106A000

COURSE DESCRIPTION

This course is designed to prepare a student to succeed in entry level college math classes. It offers a review of advanced algebra along with a rigorous study of trigonometry, analytic geometry, and pre-calculus mathematics.

The Math Department suggests that the student have a graphing calculator (TI83 Plus, TI83 Plus Silver, TI84 Plus, or a TI84 Plus Silver). The student will work with functions-operations, graphing, transformations, trigonometry-vectors, basic differential calculus-limits, graphing, max/min problems, analytic geometry-conics, probability combinatorics, problem solving, sequences series, complex numbers- polar form and use of graphing calculators.

FEDERAL COURSE DESCRIPTION FOR TRIGONOMETRY/ALGEBRA COURSE

Trigonometry/Algebra courses combine trigonometry and advanced algebra topics, and are usually intended for students who have attained Algebra I and Geometry objectives. Topics typically include right trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; and properties of higher degree equations.

CALCULUS AND ANALYTIC GEOMETRY I (MAT510A-MAT510B)

Length of course: 2 semesters

FCC Dual Credit

Credit: 1

Prerequisite: Completed Trig Pre-calculus earning a grade of a C or higher

NOTE: *This course is equivalent to Calculus I in college.**Calculus Rigor: H*

Subject Area: MATHEMATIC

State Code: 02121A000

COURSE DESCRIPTION

This dual credit (all year) course introduces basic differential and integral calculus with applications. The math department suggests that the student have a graphing calculator (TI83 Plus, TI83 Plus Silver, TI84 Plus, or a TI84 Plus Silver). Topics in this course include: limits and their properties, differentiation, applications of differentiation, integration, applications of integration and use of graphing calculators.

FEDERAL COURSE DESCRIPTION FOR CALCULUS COURSE

Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

SCIENCE DEPARTMENT

Earth Science

Biology I

*Agricultural Science

Biology II

Chemistry I

*Biological Science Applications in Agricultural

Physics

DUAL CREDIT SCIENCE COURSE OFFERED THROUGH FRONTIER COMMUNITY COLLEGE

Chemistry II

EARTH SCIENCE (SCI100A/SCI100B)

Length of course: 2 semesters

Credit: 1

EARTH SCIENCE Rigor: G

Subject Area: LIFE AND PHYSICAL SCIENCES

State Code: 03001A000

COURSE DESCRIPTION

This course incorporates lecture, class discussion, group activities and lab work as instructional methods. The course studies the following topics: foundations of earth science, air, weather, climate, rocks and minerals, exploring space, weathering of rock and soil, water on earth, plate tectonics, earthquakes and volcanoes. There will be one unit on physical science.

FEDERAL COURSE DESCRIPTION FOR EARTH SCIENCE COURSE

Earth Science courses offer insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

BIOLOGY I (SCI200A/SCI200B)

Length of course: 2 semesters

Credit: 1

BIOLOGY Rigor: G

Subject Area: LIFE AND PHYSICAL SCIENCES

State Code: 03051A000

COURSE DESCRIPTION

This course has lecture, discussion, group activities and lab investigations as the course instructional methods. This course consists of: ecology, basic chemistry for living organisms, cell study, cell cycle, energy in a cell, genetics, human genetics, genetic technology, theory of evolution and overview of the kingdoms of living organisms.

FEDERAL COURSE DESCRIPTION FOR BIOLOGY I COURSE

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy

BIOLOGY II (SCI290A/SCI290B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Biology I earning a grade of a C or higher or teacher recommendation

BIOLOGY-ADVANCED STUDIES Rigor: E

Subject Area: LIFE AND PHYSICAL SCIENCES

State Code: 03052A000

COURSE DESCRIPTION

This course is designed as a college preparatory course. Lecture, discussion and group activities are used for course instruction. The course places a greater emphasis on individual preparation by the students. This course consists of the following topics: principles of cell biology, genetics, evolution, explorations taxonomy (6 kingdoms), microbiology, invertebrates (9 phyla), vertebrates (7 phyla), and dissection laboratories (earthworm, grasshopper, squid, shark, and fetal pig.)

FEDERAL COURSE DESCRIPTION FOR BIOLOGY-ADVANCED STUDIES

Usually taken after a comprehensive initial study of biology, Biology—Advanced Studies courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms.

CHEMISTRY I (SCI300A/SCI300B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Algebra I earning a grade of a C or higher both semesters

CHEMISTRY Rigor: E

Subject Area: LIFE AND PHYSICAL SCIENCES

State Code: 03101A000

COURSE DESCRIPTION

This is a college preparatory course. It consists of lecture, discussion, and labs on the following topics: matter and energy, elements, atoms, and ions, chemical bonding, chemical reactions and equations, states of matter, solutions, acids and bases, equilibrium reactions, and fields of chemistry.

FEDERAL COURSE DESCRIPTION FOR CHEMISTRY

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

CHEMISTRY II (SCI400A/SCI400B)

Length of course: 2 semesters

FCC Dual Credit

Credit: 1

Prerequisite: Chemistry I earning a grade of a C or higher

CHEMISTRY-ADVANCED STUDIES Rigor: H

Subject Area: LIFE AND PHYSICAL SCIENCES

State Code: 03102A000

COURSE DESCRIPTION

This is a college preparatory course. It is an in-depth continuation of Chemistry I. It consists of lecture, discussion, and labs on the following topics: gases, bonding concepts, chemical equilibrium, chemical kinetics, stoichiometry, bonding concepts, thermochemistry, chemical equilibrium, organic chemistry, and chemical kinetics.

FEDERAL COURSE DESCRIPTION CHEMISTRY-ADVANCED

Usually taken after a comprehensive initial study of chemistry, Chemistry—Advanced Studies courses cover chemical properties and interactions in more detail. Advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry.

PHYSICS (SCI500A/SCI500B)

Length of course: 2 semesters

Credit: 1

Prerequisites: Algebra I and Chemistry I earning a grade of a C or higher in each course

PHYSICS Rigor: H

Subject Area: LIFE AND PHYSICAL SCIENCES

State Code: 03151A000

COURSE DESCRIPTION

This is a college preparatory course. It consists of lecture, discussion, and labs on the following topics: mechanics, thermodynamics, vibrations and wave motion, electricity and magnetism, and light and optics.

FEDERAL COURSE DESCRIPTION FOR PHYSICS

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

NOTE: Agricultural Science and Biological Science Applications in Agriculture (BSAA) qualifies for NCHS science credit.

*See Agriculture Department for descriptions of courses.

SOCIAL STUDIES DEPARTMENT

Geography
World History
History of World War II
Current Events
American History

DUAL CREDIT SOCIAL STUDIES COURSES OFFERED THROUGH FRONTIER COMMUNITY COLLEGE

Psychology I
Economics
Government

GEOGRAPHY (SOC100A/SOC100B)

Length of course: One semester

Credit: .5

World Geography Rigor: G

Subject Area: SOCIAL SCIENCES AND HISTORY

State Code: 04001A000

COURSE DESCRIPTION

This course will provide students with the opportunity to use maps to acquire, process, and report information, look at the earth's landforms and resources, and study the world's climates. The study of physical and cultural geography of the United States, Canada, South America, Europe, the Middle East, North Africa, and the Far East.

FEDERAL COURSE DESCRIPTION FOR WORLD GEOGRAPHY

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

WORLD HISTORY (SOC250A/SOC250B)

Length of course: 2 semesters

Credit: 1

World History—Other Rigor: G

Subject Area: SOCIAL SCIENCES AND HISTORY

State Code: 04099A000

COURSE DESCRIPTION

The student will learn of human beginnings and the rise of kingdoms and empires (early humans, Egyptians, Fertile Crescent, and Middle East kingdoms). The world's great and ancient civilizations (Greece, Rome, Christianity, India, China, Byzantium, Eastern slaves, Islamic, and Pre-Columbian Americas) and emergence of the modern world (Renaissance and Reformation, explorations, Asian Empires, Great European kings). Students will explore the enlightenment of the Age of Revolution (scientific, English and American, and the French Revolutions), industry, economic systems, and nationalism, world conflict (Imperialism, WWI, Soviet Union, WWII), post WWII (War in Asia and Europe, Vietnam, and the Korean War), and contemporary world (Middle East problems, Vietnam and southeast Asia, and Latin America).

FEDERAL COURSE DESCRIPTION FOR WORLD HISTORY-OTHER

Other World History courses.

HISTORY OF WORLD WAR II (SOC240B)

Length of course: 1 semester

Credit: .5

Prerequisite: Must have had a previous history class

Particular Topics in World History Rigor: E

Subject Area: SOCIAL SCIENCES AND HISTORY

State Code: 04065A000

COURSE DESCRIPTION

The student will have the opportunity to examine the history of World War II with emphasis placed on American participation, examine the causes and origins of World War II, and study the lives of Americans serving and those on the home-front. They will read primary source material from the era, examine and study artifacts from World War II, and learn how the outcomes of the war partially created modern society. Students will be required to write short responses and longer papers on World War II topics. They will also watch films and documentaries that highlight important aspects of the war.

FEDERAL COURSE DESCRIPTION FOR PARTICULAR TOPICS IN WORLD HISTORY

These courses examine particular topics in world history other than those already described.

AMERICAN HISTORY (SOC300A/SOC300B)

Length of course: 2 semesters

Credit: 1

U.S. History—Comprehensive Rigor: E

Subject Area: SOCIAL SCIENCES AND HISTORY

State Code: 03101A000

COURSE DESCRIPTION

This course consists of lecture, film discussion and worksheets to be used throughout the year. The student will study Colonial America, Revolutionary War, the creating of a constitutional government, Manifest Destiny, and the splitting of the Union over slavery. The study of the Civil War and reconstruction, setting of the wild frontier, Imperialism, World War I, the Roaring Twenties and the Great Depression, the Cold War, World War II, the Old War, civil rights, and the Vietnam War will also be explored.

FEDERAL COURSE DESCRIPTION FOR U.S. HISTORY-COMPREHENSIVE

U.S. History—Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

CURRENT EVENTS (SOC400A/SOC400B)

Length of course: 2 semesters

Credit: 1 credit

United States and World Affairs Rigor: G

Subject Area: SOCIAL SCIENCES AND HISTORY

State Code: 04156A000

COURSE DESCRIPTION

This course has a group discussion of history in the making, daily current events (news, sports, and weather), a weekly paper of a current event, and Time Magazine articles are used for discussion issues. Students will do research and have weekly quizzes. Students will have the opportunity to discuss and form opinions about what is going on in the world around them.

FEDERAL COURSE DESCRIPTION FOR UNITED STATES AND WORLD AFFAIRS

United States and World Affairs courses provide a study of global interrelationships. Topics covered may include geographic, political, economic, and social issues of a particular country or region, with an emphasis on how these issues influence (or are influenced by) the way in which the United States relates to other countries in an interdependent world context.

PSYCHOLOGY I (SOC500A/SOC500B)

Length of course: 1 semester

FCC Dual Credit

Credit: .5

PARTICULAR TOPICS IN PSYCHOLOGY Rigor: H***Subject Area: SOCIAL SCIENCES AND HISTORY******State Code: 04255A000*****COURSE DESCRIPTION**

This class is designed to help students gain an understanding about the body's process through life. Students will learn the history of psychology. They will explore the confrontation of both physical and emotional changes in the body from infancy through adulthood. Students will develop an understanding of the relationship between the mind and the body. The course will confront the various learning processes, learning theories, and gain a new interest, confidence, and knowledge about themselves.

FEDERAL COURSE DESCRIPTION FOR PARTICULAR TOPICS IN PSYCHOLOGY

These courses examine a particular topic in psychology, such as human growth and development or personality, rather than provide a more comprehensive overview of the field.

PSYCHOLOGY II (SOC520)**(This course is not offered for the 2011-2012 school year.)**

Length of course: 1 semester

Credit: .5

Prerequisite: Psychology I earning a grade of a C or higher***PARTICULAR TOPICS IN PSYCHOLOGY Rigor: E******Subject Area: SOCIAL SCIENCES AND HISTORY******State Code: 04255a000*****COURSE DESCRIPTION**

This is a continuum of Psychology I. The course will focus on the individual and personality. It will introduce the student to psychological disorders and suggested treatments. Students will analyze their relationships with others: social psychology and what daily interaction means. There will be an overview of careers and contributions of psychology. Students will acquire a new outlook for their personal and social relationships which will give them more awareness to create positive opportunities for their futures.

ECONOMICS (SOC600A/SOC600B)

Length of course: 1 semester

FCC Dual Credit

Credit: .5

Comparative Economics Rigor: H***Subject Area: SOCIAL SCIENCES AND HISTORY******State Code: 04201A000*****COURSE DESCRIPTION**

This course gives an introduction to the nature of the field of economics and how American consumers should apply these principles to improve their standard of living. The basic economics concepts (what is economics, economic systems, decision making as a consumer, and business organization) will be studied. Microeconomics (supply and demand, price systems at work, competition and role of the government) and macroeconomics (employment, labor, and wages, tax system, government spending the national debt, money management, banking and the Federal Reserve System, and the stock market) will be covered. National policies (measuring the nation's income and output, economic growth and business cycles, unemployment, inflation, and poverty) and international and global economics (international trade, capitalism and communism, developing countries, and global challenges) will also be explored.

FEDERAL COURSE DESCRIPTION FOR COMPARATIVE ECONOMICS

Comparative Economics courses offer students an opportunity to study different economies and economic systems, including an examination of various approaches to problems in micro- and macroeconomics.

GOVERNMENT (SOC700A/SOC700B)

Length of course: 1 semester

Credit: .5

*Civics Rigor: H*Subject Area: **SOCIAL SCIENCES AND HISTORY**

State Code: 04161A000

FCC Dual Credit

COURSE DESCRIPTION

This course introduces the ways in which federal, state, and local governments' functions and stresses the role of the individual in the democratic process. This will include: history of American government, American presidents, states and capitals, and voting. Group work, a power point, class discussions, and lecture will be required. There will be a guest speaker.

FEDERAL COURSE DESCRIPTION FOR CIVICS

Civics courses examine the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. These courses do not typically delve into the same degree of detail on constitutional principles or the role of political parties and interest groups as do comprehensive courses in U.S. Government.



ART DEPARTMENT

Art I

Art II

Art III

Graphic Design

FEDERAL COURSE DESCRIPTION FOR CREATIVE ART-COMPREHENSIVE (ART I AND II)

Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

ART I (ART100A/ART100B)

Length of course: 2 semesters

Credit: 1

*CREATIVE ART-COMPREHENSIVE Rigor: G*Subject Area: **FINE AND PERFORMING ARTS**

State Code: 05154A000

COURSE DESCRIPTION

This course is an introductory course in the study of the elements and principles of design through media exploration. Students will create a variety of artwork with pencils, oil pastels, chalk pastels, colored pencils, charcoal, acrylic paint, watercolor paint, clay, paper, linoleum, wood, etc. Students will gain knowledge of the methods and techniques required to create drawings, paintings, prints, collages, sculptures, and ceramics. Art I will offer an in-depth opportunity to develop creative problem solving skills and encourage personal expression.

ART II (ART200A/ART200B)

Length of course: One year

Credit: 1

Prerequisite: Art I

CREATIVE ART-COMPREHENSIVE Rigor: G

Subject Area: FINE AND PERFORMING ARTS

State Code: 05154A000

COURSE DESCRIPTION

This course will focus on further developing the student's problem solving and creative thinking skills. Skills in drawing, painting and design will be developed, with a wide range of tools, materials and techniques. Students will learn how to identify and evaluate different styles of art and add to their general knowledge about art elements and principles.

ART III (ART300A/ART300B)

Length of course: 2 semesters

Credit: 1 credit

Prerequisites: Art I and II

Visual Arts—Independent Study Rigor: G

Subject Area: FINE AND PERFORMING ARTS

State Code: 05197A000

COURSE DESCRIPTION

This course is for students who have a passion for art and excelled at the entry-level courses. In this course, students will be required to take projects further on their own, making their own creative decisions that will lead them down a unique path of artistic individuality. They will take the foundations of what they learned about elements and principles of design and build upon that, becoming more complex, and earning more freedom. This class will give students the opportunity to develop their own artistic voice while building a strong technical background.

FEDERAL COURSE DESCRIPTION FOR VISUAL ARTS-INDEPENDENT STUDY

Visual Art—Independent Study courses, often conducted with instructors or professional artists as mentors, enable students to explore a particular art form or topic. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

GRAPHIC DESIGN (ART400A/ART400B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Computer Concepts with a grade of C or higher

Graphic Design Rigor: G

Subject Area: FINE AND PERFORMING ARTS

State Code: 05162A000

COURSE DESCRIPTION

This course is designed for students to learn the functions of marketing as they relate to occupational tasks. The student will learn about salesmanship, promotion/advertising, pricing, market research, consumer behavior, and international marketing. The students will use the computer as a design communication tool from the vantage point of both the designer and computer generated processes. The course will allow the students to explore Adobe Photoshop, Illustrator, and InDesign to create these products for the businesses and community members.

FEDERAL COURSE DESCRIPTION FOR GRAPHIC DESIGN

Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

FOREIGN LANGUAGE DEPARTMENT

Spanish I
Spanish II
Spanish III

SPANISH I (SPA100A/SPA100B)

Length of course: 2 semesters

Credit: 1

Prerequisites: Student should possess strong English grammar skills and have earned a score of the 50th percentile on the most recent standardized achievement test in English.

SPANISH I Rigor: E

Subject Area: FOREIGN LANGUAGE AND LITERATURE

State Code: 06101A000

COURSE DESCRIPTION

This course will develop the language skills: listening, understanding, speaking, reading, and writing. Students will recognize basic language patterns and respond appropriately to simple commands, follow directions, read simple passages, and infer meaning. Students will produce the language using proper pronunciation, intonation, inflection, the language using proper, and they will interact in oral and written contexts of the Spanish language including communication within and beyond the classroom setting.

FEDERAL COURSE DESCRIPTION FOR SPANISH I

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the arts, literature, customs, and history of Spanish-speaking people.

SPANISH II (SPA200A/SPA200B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Spanish I earning a grade of a C or higher or by teacher recommendation

Spanish II Rigor: E

Subject Area: FOREIGN LANGUAGE AND LITERATURE

State Code: 06102A000

COURSE DESCRIPTION

This course will continue to develop the student's ability to listen to, understand, speak, read, and write the Spanish language. Students will gain a deeper understanding of the Spanish language by presenting information orally and/or in writing, and implementing grammar concepts. This course will develop an understanding of how customs and traditions are developed and learn more about the arts, history, and geography of Hispanic countries. Students will comprehend illustrated stories, audio-visual programs, and websites. They will become more acquainted with the symbols and rituals of the Hispanic culture and study global trends that affect the world.

FEDERAL COURSE DESCRIPTION FOR SPANISH II

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

SPANISH III (SPA305A/SPA305B)

Length of course: 2 semesters

Credit: 1

PrerequisiteS: Spanish I & II earning a grade of a C or higher or by teacher recommendation.

Spanish III Rigor: H

Subject Area: FOREIGN LANGUAGE AND LITERATURE

State Code: 06103A000

COURSE DESCRIPTION

This course will continue to develop skills in listening, understanding, speaking, reading and writing the Spanish language. Students will develop an appreciation of the art and literature of the Hispanic culture, recognizing major artists and writers. They will continue vocabulary and grammar study through short stories and literature, including novels. Students will further study the history and geography of Hispanic countries and gain an appreciation for the global trends that are among different cultures and an acceptance of differences in people and customs of different cultures.

FEDERAL COURSE DESCRIPTION FOR SPANISH III

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

AGRICULTURAL DEPARTMENT

Introduction to Agricultural Industry
 Agricultural Business Management
 Agricultural Science
 Agricultural Mechanics
 Agricultural Power Mechanics I
 Agricultural Power Mechanics II
 Biological Science Applications in Agriculture

INTRODUCTION TO AGRICULTURAL INDUSTRY (AG100A/AG100B)

Length of course: 2 semesters

Credit: 1

Introduction to Agriculture and Natural Resources Rigor: G

Subject Area: AGRICULTURE AND NATURAL RESOURCES

State Code: 18001A001

COURSE DESCRIPTION

This orientation course provides an opportunity for students to learn how the agricultural industry is organized, and the influence of agriculture on the economy at the state, national, and international levels. Basic concepts in animal science, plant science, natural resources, agribusiness management, biotechnology, leadership, and job opportunities in agriculture will be presented. Students will be introduced to the FFA and Supervised Agricultural Experience Programs (SAE), as these are integral components of this course. Many hands-on lab activities will be conducted throughout the course.

FALL SEMESTER CONSISTS OF: The introduction and history of the food, fiber, and natural resources system, FFA organization, parliamentary procedure (conducting a meeting), agricultural communications, dairy science, and Supervised Agricultural Experience Programs. (SAE).

SPRING SEMESTER CONSISTS OF: Students will explore laboratory safety (shop and farm safety), introduction to agricultural mechanics (build carpentry project), plant science, business management, animal science (beef, swine, and sheep....), and agricultural math applications.

FEDERAL COURSE DESCRIPTION FOR INTRODUCTION TO AGRICULTURE AND NATURAL RESOURCES

This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Agricultural Business Management (AG200A/AG200B)

Length of course: 2 semesters

Credit: 1

Agricultural Business Management Rigor: G

Subject Area: AGRICULTURE AND NATURAL RESOURCES

State Code: 18201A001

COURSE DESCRIPTION

This course will emphasize job skills involved with various components of the agricultural industry. Concepts of surveying, electricity, carpentry, and concrete will be introduced. We will also investigate business organization, agricultural sales, business management and financing. Many hands-on lab activities will be conducted throughout the course.

THE FALL SEMESTER WILL CONSIST OF: Identifying careers in agriculture, gaining employment (resume, interviews, job applications.....), forestry applications, surveying and land description, concepts of agricultural business management, applying mathematical skills in agriculture, and developing record keeping skills.

THE SECOND SEMESTER WILL CONSIST OF: Developing safe work habits, hand and power tool identification, designing, building and maintaining agriculture structures, identifying basic principles of electricity, and advanced business management.

FEDERAL COURSE DESCRIPTION FOR AGRICULTURAL BUSINESS MANAGEMENT

This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

AGRICULTURAL SCIENCE (AG300A/AG300B)

Length of course: 2 semesters

Credit: 1

Agriculture and Natural Resources-Comprehensive Rigor: G

Subject Area: AGRICULTURE AND NATURAL RESOURCES

State Code: 18003A001

COURSE DESCRIPTION

This course is a general overview of the scientific concepts of agriculture and our environment. Through classroom discovery and laboratory examples students will develop a generalized understanding of science in agriculture. Labs will be conducted in soils, plants and various animal concepts. This course qualifies for science credit at NCHS.

FALL SEMESTER CONSISTS OF: Identifying careers in agriculture and biotechnology, animal terminology and classification, soil science and fertility, understanding the world food and fiber chain, and ethics in livestock production (animal rights)

SPRING SEMESTER CONSISTS OF: Beef, swine, sheep, and dairy production and management, plant growth and reproduction, animal reproduction and nutrition, food science and technology, recognizing the role of research and technology in agriculture, and understanding the role of biotechnology in agriculture.

FEDERAL COURSE DESCRIPTION FOR AGRICULTURE AND NATURAL RESOURCES-COMPREHENSIVE

Agriculture and Natural Resources—Comprehensive courses cover a wide range of topics concerning agriculture and natural resources, including plant and animal science, production, and processing; environmental science and conservation; ecology; agricultural mechanics; agricultural construction; business operations and management; and the careers available in the agricultural/natural resources industry. They may also include topics such as chemical and soil science, forestry, agricultural marketing, and veterinary science.

AGRICULTURAL MECHANICS (AG400A/AG400B)

Length of course: 2 semesters

Credit: 1

Basic Agricultural Mechanics Rigor: G

Subject Area: AGRICULTURE AND NATURAL RESOURCES

State Code: 18401A001

COURSE DESCRIPTION

First semester

This semester is the introduction of welding designed to show the basic skills needed to repair, fix, and build at home and shop projects which includes: metallurgy (study of metals), oxygen and acetylene cutting and welding, arc welding (using E6011-E6013-E7014), shop safety and management, and welding (students will be welding during the second quarter).

Second semester

This semester will be an introduction to small engines. The course gives the students the understanding and operation of an internal combustion engine which includes: history and importance of engines, strokes and cycles, part identification, and system operations (compression, ignition, carburetor, cooling, lubrication, exhaust), maintenance and safety. One half of the class time will be spent in shop work.

FEDERAL COURSE DESCRIPTION FOR BASIC AGRICULTURAL MECHANICS

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include the basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, welding, construction, cold metal work, and operating agricultural equipment safely. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

AGRICULTURAL POWER MECHANICS I (AG500A/AG500B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Agricultural Mechanics

Agriculture Mechanics and Equipment Rigor: G

Subject Area: AGRICULTURE AND NATURAL RESOURCES

State Code: 18402A001

COURSE DESCRIPTION

This course is designed to give instruction on the following units: metal inert gas (MIG) welding, plasma ARC cutting, introduction to tap and die exercises, combines, diesel engines, hydraulics, bronze welding, electrode types, ARC welding advancement (E6010-E7018-E7024), cooling systems, rotary engines, shop safety, and management.

NOTE: During the first three quarters half the time will be spent in the shop. The fourth quarter students will spend time building a project of their choice. They must provide their own materials and project plans.

FEDERAL COURSE DESCRIPTION FOR AGRICULTURE MECHANICS AND EQUIPMENT

Agriculture Mechanics and Equipment courses provide students with the engineering and power technology principles, skills, and knowledge that are specifically applicable to the agricultural industry. Typical topics include the operation, maintenance, and repair of power, electrical, hydraulic, and mechanical systems.

AGRICULTURAL POWER MECHANICS II (AG600A/AG600B)

Length of course: 2 semesters

Credit: 1

Prerequisites: Agricultural Mechanics and Agricultural Power Mechanics I

Agricultural Machinery Service Rigor: G

Subject Area: AGRICULTURE AND NATURAL RESOURCES

State Code: 18449A001

COURSE DESCRIPTION

This course is designed to advance those students who desire to become more mechanical in nature which includes: plumbing (household), farm machinery management, power trains, battery, lubrication, farm tires, spot-welding, plastic welding, tap and die exercises, shop and safety management, and advancement in MIG, plasma, oxygen-acetylene and ARC welding (New electrodes E6012, Hobar 600, a hard-surfacing electrode, Jetweld 110, Aluminum ARC)

NOTE: During the first three quarters half of the time will be spent in the shop. The fourth quarter students will spend time building a project of their choice. They must provide their own materials and project plans.

FEDERAL COURSE DESCRIPTION FOR AGRICULTURAL MACHINERY SERVICE

This comprehensive machinery service course concentrates on the following areas: using service manuals, electrical applications for agricultural equipment, fundamentals of multi-cylinder engines, reconditioning and repairing agricultural equipment, assembling and adjusting agricultural equipment, organization and management of agricultural machinery dealerships, human relations, and sales techniques. Careers such as agricultural equipment salesperson, mechanic, parts manager, sales manager, service technician, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE (BSAA) (AG700A/AG700B)

Length of course: 2 semesters

Credit: 1

Prerequisite: Biology I

Biological Science Applications in Agriculture - Plants (first semester) Rigor: G

Biological Science Applications in Agriculture - Animals (second semester) Rigor: G

Subject Area: AGRICULTURE AND NATURAL RESOURCES

State Code: 18051A002

COURSE DESCRIPTION

This course is designed to reinforce and extend students' understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of animal and plant agriculture and biological science concepts by participating in laboratory exercises and experiments. This is an upper level science course that will enhance students' awareness of science concepts in agriculture through conducting lab experiments. This course counts as a science credit for NCHS. Individual universities determine whether this course satisfies university admission requirements. Students will explore scientific investigation of agriculture, agriculture and the environment, animal and plant genetics and biotechnology, growth and development of animals, managing plant growth, animal and plant reproduction, and processing animal products.

FIRST SEMESTER

FEDERAL COURSE DESCRIPTION FOR BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE-PLANTS

This course is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. Topics of study are in the areas of initiating plant growth – germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth – photosynthesis, respiration, translocation, metabolism,

FEDERAL COURSE DESCRIPTION FOR BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE-PLANT, CONT.

and growth regulation. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

SECOND SEMESTER**FEDERAL COURSE DESCRIPTION FOR BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE-ANIMALS**

This course is designed to reinforce and extend students understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of animal agriculture and specific biological science concepts that govern management decisions in the animal industry. Topics of study are in the areas of growth and development of animals – embryology, ethology, nutrition, immunity systems, and processing animal products – preservation, fermentation, and pasteurization. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

BUSINESS DEPARTMENT

Computer Concepts & Software Applications
 Business and Technology Concepts
 Career Practicum

DUAL CREDIT BUSINESS COURSES OFFERED THROUGH FRONTIER COMMUNITY COLLEGE

WEB PAGE AND INTERACTIVE MEDIA DEVELOPMENT I (Approval pending)

WEB PAGE AND INTERACTIVE MEDIA DEVELOPMENT II (Approval pending)

COMPUTER CONCEPTS (BUS110A/BUS110B)

Length of course: 1 semester

Credit: .5

Computer Concepts and Software Applications Rigor: G

Subject Area: COMPUTER AND INFORMATION SCIENCES

State Code: 10004A001

Note: A proficiency test will be available for students who can demonstrate knowledge of skills learned in Computer Concepts. The half-credit for the course will not be earned; however, the student will have met the requirement for graduation.

COURSE DESCRIPTION

An orientation-level course designed to develop awareness and understanding of application software and equipment. Students will explore the following: Word, slight Photo Shop, Excel, slight web building, PowerPoint, keyboarding (focus on typing technique), Publisher, and proofreading

FEDERAL COURSE DESCRIPTION FOR COMPUTER CONCEPTS AND SOFTWARE APPLICATIONS

Computer Concepts and Software Applications is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

BUSINESS AND TECHNOLOGY CONCEPTS (BUS120A/BUS120B)

Length of course: 2 semesters

Credit: 1 credit

Business and Technology Concepts Rigor: G

Subject Area: BUSINESS AND MARKETING

State Code: 12001A001

NOTE: Students may enter the course in the second semester if necessary, as long as they are not following a program sequence.

COURSE DESCRIPTION

This orientation-level course will provide an overview of all aspects of business marketing and management (general business). This course includes: concepts and skills of operating a business, forms of business ownership, finance, management, administration, production, career fields, using the computer, communication skills, business ethics, insurance, budgeting, personal finances, and marketing.

FEDERAL COURSE DESCRIPTION FOR BUSINESS AND TECHNOLOGY CONCEPTS

This orientation-level course will provide an overview of all aspects of business marketing and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration and production). Students will be introduced to a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving. Business ethics as well as other workplace skills will be taught and integrated within this course. This course is not intended to meet the consumer education requirement,

ACCOUNTING I (BUS200A/BUS200B)

Length of course: 2 semesters

Credit: 1

Accounting I Rigor: G

Subject Area: BUSINESS AND MARKETING

State Code: 12104A001

COURSE DESCRIPTION

This course lays the groundwork for your success in the world of work through management. This course is a must if you are planning a career in business or majoring in accounting. Accounting is called the language of business. Students will explore: balance sheets, work sheets, general ledgers, journals, and income statements.

FEDERAL COURSE DESCRIPTION FOR ACCOUNTING I

Accounting I is a course assists students pursuing a career in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision making. Accounting computer applications should be integrated throughout the course where applicable. In addition to stressing basic fundamentals and terminology of accounting, instruction should provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee benefits may also be included.

WEB PAGE AND INTERACTIVE MEDIA DEVELOPMENT I (BUS370A/BUS370B)

Length of course: 2 semesters

FCC Dual Credit (Approval pending)

Credit: 1

Prerequisite: Computer Concepts and Software Applications or proficiency equivalency

Web Page and Interactive Media Development I Rigor: H

Subject Area: COMPUTER AND INFORMATION SCIENCES

State Code: 10201A001

NOTE: Must be a junior or senior to take this class. Students will reconstruct the NCHS web site. Please check with your college/university to see if this course will transfer.

COURSE DESCRIPTION

Students will learn correct design of web pages using text, graphics, links, and other multimedia elements. This includes: HTML, digital camera, Adobe Web premium CS3, and image enhancements, Students will create websites for businesses in the community and will be introduced to video production for the web.

FEDERAL COURSE DESCRIPTION FOR WEB PAGE4 AND INTERACTIVE MEDIA DEVELOPMENT I

Web Page and Interactive Media Development I is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, and graphic editors as well as programming tools such as JavaScript. Students will work in a project-based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio and video clips.

WEB PAGE AND INTERACTIVE MEDIA DEVELOPMENT II (BUS380A/BUS380B)

Length of course: 2 semesters

FCC Dual Credit (Approval pending)

Credit: 1

Prerequisite: Web Page and Interactive Media Development I

Web Page and Interactive Media Development II Rigor: G

Subject Area: COMPUTER AND INFORMATION SCIENCES

State Code: 10201A001

Students will maintain the NCHS web site.

COURSE DESCRIPTION

This course will include: Adobe Web Premium CS3, proofread and edit the NCHS site, creating flash images, Adobe Photoshop, video production and editing for the web, videography and editing of videos/commercials for businesses in the community, and photography.

FEDERAL COURSE DESCRIPTION FOR WEB PAGE AND INTERACTIVE MEDIA DEVELOPMENT II

Web Page and Interactive Media Development I is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, and graphic editors as well as programming tools such as JavaScript. Students will work in a project-based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio and video clips.

INFORMATION PROCESSING I (BUS600A)

(This course will not be offered for the 2011-2012 school year.)

Length of course: 1 semester (Grades 10, 11, and 12)

Credit: .5

Prerequisite: Computer Concepts and Software Applications earning a grade of a C or higher.

Information Processing I Rigor: G

Subject Area: COMPUTER AND INFORMATION SCIENCES

State Code: 10005A001

NOTE: A proficiency test is available for students who can demonstrate a knowledge base of Information Processing I. These students may enroll in Information Processing II without first taking Information Processing I.

COURSE DESCRIPTION

This course is a skill-level course that includes concepts, terminology, and procedures related to Microsoft Word, Access, Publisher, Excel, and PowerPoint. Accuracy will be emphasized. Students will explore: Photoshop, proofreading, spreadsheets, mail merges, Publisher, presentations, and Access.

FEDERAL COURSE DESCRIPTION FOR INFORMATION PROCESSING I

Information Processing I is a skill-level course that includes the concepts and terminology related to the people, equipment, and procedures of information processing as well as skill development in the use of information processing equipment. Students will operate computer equipment to prepare memos, letters, reports, and forms. Students will create rough drafts, correct copy, process incoming and outgoing telephone calls and mail, and transmit and receive messages electronically. Students will create, input, and update databases and spreadsheets. Students will create data directories; copy, rename, move, and delete files, and perform backup procedures. In addition, students will prepare files to merge, as well as create mailing labels and envelopes from merge files. Students will learn to locate and retrieve information from hard copy and electronic sources, and prepare masters for a presentations using presentation software. Students will apply proper grammar, punctuation, spelling and proofreading practices. Accuracy will be emphasized. Workplace skills as well as communication skills (thinking, listening, composing, revising, editing, and speaking) will be taught and integrated throughout this course.

INFORMATION PROCESSING II (BUS700B)

(This course will not be offered for the 2011-2012 school year.)

Length of course: 1 semester (Grades 10, 11, and 12)

Credit: .5

Prerequisite: *Information processing I* earning a grade of a B or higher or students who have passed the proficiency test for *Information processing I*.

Information Processing II Rigor: G

Subject Area: COMPUTER AND INFORMATION SCIENCES

State Code: 10005A002

COURSE DESCRIPTION

This is an advanced course for students who have completed Information Processing I. Proper grammar, format, punctuation, spelling, and proofreading practices will be highly emphasized. Workplace and communication skills will be taught and integrated throughout the course. Office simulations will be completed. This course includes: word processing, desktop publishing, presentation software, spreadsheets, Internet research, proofreading, itineraries, and Access.

FEDERAL COURSE DESCRIPTION FOR INFORMATION PROCESSING II

Information Processing II is a skill-level course for students who have completed Information Processing I. Students will create and update documents using word processing and desktop publishing programs and put together slideshows, speaker notes and handouts using presentation software. Students will revise data in a stored database and use queries to create customized reports. Students will edit and utilize calculation functions in

FEDERAL COURSE DESCRIPTION FOR INFORMATION PROCESSING II, CONT.

spreadsheets, integrate graphics, spreadsheets, tables, text and data into documents and reports, and create graphs and charts from spreadsheets. Students will learn to conduct research on the internet and/or intranet, prepare and answer routine correspondence, organize and maintain a filing system, maintain an appointment calendar, make travel arrangements, prepare itineraries and expense reports, and prepare and process timesheets. In addition, students will maintain inventory, order equipment and supplies, and perform routine equipment maintenance. Students will apply proper grammar, punctuation, spelling and proofreading practices to documents and reports. Accuracy will be emphasized. Workplace skills as well as communication skills will be taught and integrated throughout this course. A simulated information processing center or work-based learning experience may be used to provide students with the experience of working in the environment of an information processing center.

BUSINESS TECHNOLOGY AND PROCEDURES

This course will not be offered for the 2011-2012 school year.)

Length of course: 2 semesters

Credit: 1

Business Technology and Procedures Rigor: G

Subject Area: BUSINESS AND MARKETING

State Code: 12002A001

FEDERAL COURSE DESCRIPTION FOR BUSINESS TECHNOLOGY AND PROCEDURES

Business Technology and Procedures is a course that prepares students for entry level employment in a technology-based office setting. Integrated software applications will be included in this course. Instruction will focus on office etiquette, office management, telephone and communications procedures, time management, records management, and proper business behavior and attire. Students will perform clerical duties, create, edit and correct documents, records and files, perform information processing activities (e.g. spreadsheets, database entry, desktop publishing) and prepare documents using presentation software. Students will discuss appropriate procedures for receiving visitors, patients or clients, and organize, schedule and plan meetings. In addition, students will file materials manually and electronically, make travel arrangements, perform financial activities, process mail, transmit messages electronically, and maintain office supplies and equipment. Students will organize and plan office activities, compose and distribute meeting notes and reports, answer routine correspondence, input information from voice recordings; conduct research using the intranet and/or internet, and supervise and train other employees. Students will apply proper grammar, punctuation, spelling and proofreading skills. Accuracy will be emphasized. Students will apply new skills as well as skills learned in other courses to complete a series of realistic office assignments or participate in an office workbased learning experience. Workplace skills as well as communication skills (thinking, listening, composing, revising, editing, and speaking) will be taught and integrated throughout this course.

CAREER PRACTICUM (BUS900A/BUS900B)

Length of course: 2 semesters

Credit: 1 (Grade 12)

Miscellaneous-Workplace Experience Rigor: G

Subject Area: MISCELLANEOUS

State Code: 22998A000

COURSE DESCRIPTION

This course provides the opportunity to promote student service and involvement within our school and community. Admission into the Career Practicum Program is application based. Each student will receive an application after pre-registering for the class. Admission into the class will depend on the student's need, career goals, and transportation. Students will turn in weekly timesheets. Student's jobsite supervisor will evaluate the student each quarter.

This course offers student credit for a well-planned program from participation in "people related" service to the community. Practicum must take place during the regular school day and school year unless approved by the building supervisor and building principal. The student must be a senior with a cumulative grade point average of at least 3.0 and be on schedule to graduate. Students will meet with the building supervisor (teacher) on a weekly basis to discuss job skills. The student may not be monetarily compensated for any work or service performed. And must work one period per day at the place of service.

FEDERAL COURSE DESCRIPTION FOR MISCELLANEOUS-WORKPLACE EXPERIENCE

Miscellaneous—Workplace Experience courses provide students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Note: if the particular subject area is known, use the code associated with the Workplace Experience course within that subject area.

INDUSTRIAL EDUCATION DEPARTMENT

Transportation Technology
 Transportation I
 Transportation II

TRANSPORTATION TECHNOLOGY (IND400A/IND400B)

Length of course: 1 semester

Credit: .5 (Grades 9, 10, 11, and 12)

Prerequisites: Student must have their license and not have already taken Transportation I or Transportation II.

Transportation Technology Rigor: G

Subject Area: TRANSPORTATION, DISTRIBUTION AND LOGISTICS

State Code: 20001A001

COURSE DESCRIPTION

This course explains basic engine theory, operation, and repair for small engines as well as automotive and industrial applications. Students learn about mechanical, fluid, and electrical power. They will have the opportunity to bring in small engines from lawn mowers, motorcycles, ATVs and develop their skills in diagnosis and repair. Tool usage, part identification, and specifications are examples of the information gained from this course.

FEDERAL COURSE DESCRIPTION FOR TRANSPORTATION TECHNOLOGY

Transportation Technology is a course designed to foster an awareness and understanding of the various transportation customs that make up our mobile society. Through laboratory activities, students are exposed to the technologies of and career opportunities involved in material handling, atmospheric and space transportation, marine transportation, terrestrial transportation, and computer uses in transportation technology.

Transportation I (IND500A/IND500B)

Length of course: 2 semesters

Credit: 1 (Grades 11 and 12)

Prerequisites: Transportation Technology, Ag Mechanics, or Automotive Systems and a driver's license

Automotive Technician I Rigor: G

Subject Area: TRANSPORTATION, DISTRIBUTION AND LOGISTICS

State Code: 20104A001

COURSE DESCRIPTION

This course develops knowledge about automotive theory, operation, and repair. Automotive repair areas covered are engine, transmission, drive axles, brakes, steering, suspension, electronic, and electrical. Basic operating principles are established for each area covered. There will be opportunities to learn in classroom and demonstrations on vehicles and parts in the lab. Students also have the opportunity to work on their own vehicles and practice newly developed skills.

FEDERAL COURSE DESCRIPTION FOR AUTOMOTIVE TECHNICIAN I

This course introduces students to the basic skills needed to inspect, maintain, and repair automobiles and light trucks that run on gasoline, electricity, or alternative fuels. Instructional units include engine performance, automotive electrical system, integrated computer systems, lubrication, exhaust and emission control, steering and suspension, fuel systems, cooling system, braking, and power train.

Transportation II (IND510A/IND510B)

Length of course: 2 semesters (2 class periods)

Credit: 2 (Grade 12)

Prerequisites: Transportation I and a driver's license

Automotive Technician II Rigor: G

Subject Area: TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

State Code: 20104A002

NOTE: Course is a continuation of the Transportation I course where students learn advanced information on automotive operation and repair.

COURSE DESCRIPTION

Students further develop diagnostic skills on vehicles that are required in class. Computerized diagnostics, major repairs, and shop management skills are examples of what students gain from this course. This course prepares students for college level courses or possible employment opportunities with repair facilities.

FEDERAL COURSE DESCRIPTION FOR AUTOMOTIVE TECHNICIAN II

This course is a continuation of and builds on the skills and concepts introduced in Automotive Technician I. This course includes instructional units in alternative fuel systems, computerized diagnostics, new vehicle servicing, automotive heating and air conditioning, transmissions, testing and diagnostics, drive train and overall automobile performance.

HEALTH OCCUPATIONS DEPARTMENT

Orientation to Health Occupations
Health Occupation Related Skills

DUAL CREDIT HEALTH OCCUPATION COURSE OFFERED THROUGH FRONTIER COMMUNITY COLLEGE

Health Occ Core of Skills

(Please check with college/university to see if credit transfers.)

ORIENTATION TO HEALTH OCCUPATIONS I (HEA200A)

Length of course: 1 semester

Credit: .5 (Grades 9, 10, 11, and 12)

Orientation to Health Occupations Rigor: G

Subject Area: HEALTH CARE SERVICES

State Code: 14001A001

COURSE DESCRIPTION

This course introduces students to more than two hundred different health related occupations. It includes: job opportunities, educational requirements, salaries, personal qualifications, medical terminology, and resume preparation.

FEDERAL COURSE DESCRIPTION FOR ORIENTATION TO HEALTH OCCUPATIONS

The course should expose students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, vision and dental care, administrative services, and lab technology) which should include classroom and community-based activities. The main purpose of this course is to assist students in further development of their self-concept and in matching personal abilities and interest to a tentative career choice. The suggested course content should provide in-depth information into health occupations careers and trends, the occupational and educational opportunities and the educational, physical, emotional and attitudinal requirements.

ORIENTATION HEALTH OCCUPATIONS II (HEA300B)

Length of course: 1 semester

Credit: .5 (Grades 9, 10, 11, and 12)

Health Occ Related Skills Rigor: G

Subject Area: HEALTH CARE SERVICES

State Code: 14002A001

COURSE DESCRIPTION

This course is designed to provide students with basic anatomy and physiology of the human body. It includes: integumentary, digestive, respiratory, sensory, circulatory, endocrine, muscular, reproductive, nervous, urinary, skeletal, and cardiovascular systems.

FEDERAL COURSE DESCRIPTION FOR HEALTH OCC RELATED SKILLS

The course provides students with a core of knowledge to the health care industry and helps refine their health care-related knowledge and skills. This core of knowledge will develop the students' cognitive and affective skills in formulating a strong foundation for entry-level skill development. Topics covered usually include (but are not limited to) an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; laboratory procedures; and ethical and legal responsibilities.

Health Occupations Core of Skills (HEA410A/HEA410B)

(Please check with college/university to see if course transfers.)

Length of course: 1 semester

FCC Dual Credit

Credit: 1 (2 class periods) (Grades 11 and 12)

Nursing Assistant Rigor: H

Subject Area: HEALTH CARE SERVICES

State Code: 14051A001

NOTE: Instructor recommends completion of the Orientation to Health Occupations I and II

COURSE DESCRIPTION

This course is offered to juniors and seniors interested in learning a skill in the health field. Students gain the satisfaction of making a difference in someone's life. Course content includes: classroom, laboratory, and clinical experience in the Nurse Assistant Program as required by Illinois Department of Public Health.

NOTE: Health care facilities require this class to be a CNA (Certified Nursing Assistant).

Nurse Assistant course content includes: caring for the patient and his environment, giving baths and showers to patients, emptying catheters and body fluids, measuring fluids, temperature, pulse, respiration and blood pressure, providing positioning, transportation and mobility, providing therapeutic measures as instructed by the nurse, and observing and recording patient information.

FEDERAL COURSE DESCRIPTION FOR NURSING ASSISTANT

The course is composed of a combination of subject matter and experiences designed to perform tasks of individuals receiving nursing services. The student learns those competencies needed to perform as a nurse assistant under the direction of the registered nurse. The units of instruction should include the role of the nurse assistant while covering general health care topics; medical terminology; patients/clients and their environment; special feeding techniques; psychological support and, in long term and terminal illness, death and dying (e.g., chronically ill, children, new mothers, and so on); and all other basic nursing skills. Topics covered typically include normal growth and development; feeding, transporting patients, hygiene, and disease prevention; basic pharmacology; first aid and CPR; observing and reporting; care of equipment and supplies; doctor, nurse, and patient relationships and roles; procedure policies; medical and professional ethics; and care of various kinds of patients. In order to have an approved nurse assistant program (one in which the students are eligible to sit for the certifying exam) the program must be approved by the Illinois Department of Public Health.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

Foods and Nutrition I
Foods and Nutrition II
Food Service Occupations
Child Development
Resource Management

FOODS & NUTRITION I (FCS100A)

Length of course: 1 semester

Credit: .5

Nutrition and Culinary Arts I Rigor: G

Subject Area: HOSPITALITY AND TOURISM

State Code: 16054A001

COURSE DESCRIPTION

This course is designed as a prerequisite course for Foods and Nutrition II and as an orientation course for Food Service Occupations. The curriculum includes: kitchen safety, food sanitation, selection of nutritional foods, basic food preparation techniques using the food processor and microwave as well as traditional kitchen appliances, and preparation of pizza, vegetables, sauces, gravies, fruits, cookies, and healthy snack options.

FEDERAL COURSE DESCRIPTION FOR NUTRITION AND CULINARY ARTS I

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.

FOODS & NUTRITION II (FCS110B)

Length of course: 1 semester

Credit: .5

Prerequisite: Foods & Nutrition I

Nutrition and Culinary Arts II Rigor: G

Subject Area: HOSPITALITY AND TOURISM

State Code: 16054A002

COURSE DESCRIPTION

This course is designed as an orientation course for Food Service Occupations. The curriculum continues to emphasize the safe nutritional and sanitary preparation of food items using modern equipment and techniques. Students will explore preparation of vegetables, fruits, quick breads, dinner rolls, basic cake decorating, bundt cakes, cake rolls, casseroles, cream and fruit pastries, stir-frying, braising and broiling.

FEDERAL COURSE DESCRIPTION FOR NUTRITION AND CULINARY ARTS II

Nutrition and Culinary Arts II provides principles of application into the hospitality industry, including nutrition, culinary, and entrepreneurial opportunities. Course content includes the following: selection, purchase, preparation, and conservation of food, dietary needs and trends, regional & international cuisine, safety and sanitation, and careers in food service industries. All of these concepts can be interpreted through laboratory experiences.

FOOD SERVICE OCCUPATIONS (FCS130A/FCS130B)

Length of course: 2 semesters

Credit: 2 (2 periods)

Prerequisites: Foods and Nutrition I and II

Culinary Occupations I Rigor: G

Subject Area: HOSPITALITY AND TOURISM

State Code: 16052A001

COURSE DESCRIPTION

This course is an in-school laboratory course for training students for entry-level jobs in the food service industry. The classroom emphasis is on quantity food preparation, food storage, menu planning, cost portion control. The lab units included are cake decorating, hors d'oeuvres, specialty beverages, table setting, buffet set-ups, and dining room service. Students will work with a class restaurant business where students plan the menus, purchase needed supplies, calculate the costs, advertise, prepare and serve the meals.

FEDERAL COURSE DESCRIPTION FOR CULINARY OCCUPATIONS I

This course provides terminology, culinary math, and practical experiences needed for the development of culinary competencies and workplace skills. Safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam. Classroom experiences will develop skills to work in the front of the house, back of the house, and work stations. Additional content may include: event planning, customer service and relations, food service styles, baking and pastry arts, hors d'oeuvres, and breakfast cookery. Students will be provided opportunity training experiences on commercial equipment.

CHILD DEVELOPMENT (FCS200A/FCS200B)

Length of course: 1 semester

Credit: .5

Child Development and Parenting Rigor: G

Subject Area: HUMAN SERVICES

State Code: 19052A001

COURSE DESCRIPTION

This course is designed as an orientation class for Child and Day Care Services Occupation I. Students will study the development of children from 12 months to six years. Students will explore the study of the physical, social, emotional and intellectual development of toddler and preschool age children. Students are assigned observation time and interaction projects with the Pre-K classes. The course will include childcare career information where students may choose to have the opportunity to parent the "Baby Think It Over" and/or wear the empathy belly. This is an excellent course for both males and females.

FEDERAL COURSE DESCRIPTION FOR CHILD DEVELOPMENT AND PARENTING

Child Development and Parenting addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students will explore opportunities in human services and education-related careers and develop a career portfolio.

RESOURCE MANAGEMENT (FCS700A/FCS700B)

Length of course: 1 semester (Grades 10-12)

Credit: .5

Family Resource Management and Planning Rigor: G

Subject Area: MISCELLANEOUS

State Code: 22210A001

COURSE DESCRIPTION

This class focuses on understanding and acquiring the skills needed to make decisions about the use of resources, which contribute to an improved quality of life. Topics covered are budgeting, savings/investments, installment purchasing and credit use, comparison shopping, consumer rights and responsibilities, the use of resources to attain individual and/or family goals, purchasing or leasing an automobile. This course meets the requirements for the state mandated consumer education instruction and may be taken in place of economics.

FEDERAL COURSE DESCRIPTION FOR MISCELLANEOUS/FAMILY RESOURCE MANAGEMENT AND PLANNING

This course focuses on the identification and management of personal and family resources to meet the needs, values, and wants of individuals and families throughout the life cycle. The course utilizes a variety of project-based experiences and service learning opportunities to gain knowledge and expertise in understanding and applying management skills, with consideration to diverse social, economic, technological, environmental, and cultural characteristics of individuals and families. Topics include: consumer rights and responsibilities in the marketplace; financial responsibility and decision making; planning and money management; credit and debt; risk management and insurance; saving and investment; homeownership; state and federal taxes; electronic banking; and current issues in the economy.

MUSIC DEPARTMENT

Band
Chorus

MARCHING BAND (MUS100A)

Length of course: 1 semester

Credit: .5

Prerequisite: Must be able to play a brass, woodwind or percussion instrument or director's approval

Marching Band Rigor: G

Subject Area: FINE AND PERFORMING ARTS

State Code: 05103A000

Summer camps: *Attendance at summer camps is vital to the success of the Marching Eagles.*

COURSE DESCRIPTION

This course includes: marching and basketball (pep) band, preparations for the fall marching season, performance at all home football games, 5-7 marching competitions, local parades, all home basketball games, and selected girls' basketball games. There will be required attendance at 2 evening practices per week (conflicts between sports and band are worked out between coaches and directors)

FEDERAL COURSE DESCRIPTION FOR MARCHING BAND

Courses in Marching Band are intended to develop students' technique for playing brass, woodwind, and percussion instruments and cover appropriate band literature styles, primarily for marching performances.

NOTE: *Due to the fact that the drill for marching band is written for an exact set of numbers, no student will be allowed to drop marching band after the last day of school. Any additions after that date will be handled on an individual basis.*

CONCERT BAND (MUS100B)

Length of course: 1 semester

Credit: .5

Concert Band Rigor: G

Subject Areas: FINE AND PERFORMING ARTS

State Code: 05102A000

COURSE DESCRIPTION

This course places emphasis on concert performing. This includes performances at remaining home basketball games, winter concert, and spring concert. Students will have the option to participate in honor bands, solo, and ensemble contest and jazz band.

FEDERAL COURSE DESCRIPTION FOR CONCERT BAND

Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.

CHORUS (MUS200A/MUS200B)

Length of course: 2 semesters

Credit: 1

Chorus (first semester) Rigor: G

Drama-Acting/Performance (second semester) Rigor: G

Subject Area: FINE AND PERFORMING ARTS

State Code: 05110A001 (first semester)

State Code: 05055A000 (second semester)

COURSE DESCRIPTION

FIRST SEMESTER

The student will be preparing for a "Pops Concert" with a two-night performance. There will be an opportunity to audition for a solo to be performed at the "Pops Concert." The opportunity to audition for and become a member of the "Star Spangled Banner Club" which performs at various school and community functions will be another option for chorus members. Other opportunities include: auditioning for the Illinois Music Educators District chorus (if a junior or senior scores well, the student may be selected for the All-State Chorus), writing in a journal about class, other musical experiences, or critiquing a performance (both semesters), learning musical symbols in a choral music setting (both semesters), singing in solfeg (both semesters), and singing in three and four part music with a well-blended mature choral sound (both semesters).

FEDERAL COURSE DESCRIPTION FOR CHORUS

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

SECOND SEMESTER

COURSE DESCRIPTION

This semester students will have the opportunity to audition for the spring musical theatre production and to work with lights, costumes, stage craft, etc. for the spring musical theatre production. Other opportunities include: attending the Illinois High School Theatre Festival, traveling to professional musical theatre productions, and preparing and performing an end of the year Spring Concert of classical, pop, or musical theatre octavos with a progressive level of difficulty.

FEDERAL COURSE DESCRIPTION FOR DRAMA-ACTING/PERFORMANCE

Drama—Acting/Performance courses are intended to promote students' experience and skill development in one or more aspects of theatrical production, but they concentrate on acting and performance skills. Initial courses are usually introductory in nature, while the more advanced courses focus on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions.

PHYSICAL EDUCATION

Physical Education

PHYSICAL EDUCATION (PEB100A/PEB100B/PEG100A/PEG100B)

Length of course: 1 semester

Credit: .5

Physical Education Rigor: G

Subject Area: PHYSICAL, HEALTH, AND SAFETY EDUCATION

State Code: 08001A000

NOTE: 6 semesters required for high school graduation

COURSE DESCRIPTION

This course is that phase of education that deals with the student's mental factors as well as the big muscle activities. While health is the cardinal principle for education, it is reasonable to assume that a healthy body should house a healthy mind. It promotes a well-rounded program that helps to develop the pupil for everyday living. Units are taught in the following areas: Aerobics, badminton, basketball, bowling, flag football, golf, pickle ball, soccer, social dancing, shuffleboard, speedball, table tennis, tennis, touch football, track activities, tumbling, volleyball, weights, individual exercise, mass games, and life fitness. Three "no dresses" per semester are allowed. **(Four "no dresses" result in failure for the semester.)**

FEDERAL COURSE DESCRIPTION FOR PHYSICAL EDUCATION

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

DRIVER EDUCATION

DRIVER EDUCATION (DRE100A/DRE100B)

Length of course: 1 semester

Credit: .5

Prerequisite: Student must be 15 years old by the following dates to be eligible for a specific driver education classroom session.

Driver Education-Classroom and Laboratory Rigor: G

Subject Area: PHYSICAL, HEALTH, AND SAFETY EDUCATION

State Code: 08152A000

DEADLINES

Summer session.....06/10/2011

Fall session.....09/19/2011

Spring session.....02/03/2012

NOTE: Incoming freshmen must wait until the fall semester to take driver education. They are not eligible for the summer session.

COURSE DESCRIPTION FOR DRIVER EDUCATION

Students will study traffic laws, rules and regulations, and basic fundamentals for safe operation of a motor vehicle. The student must have passed eight classes in previous two semesters to enroll in the course. The students can only be absent six days to be permitted to stay in the course (for the fall and spring semesters). If you are eligible to participate in the summer session will receive a letter clarifying the summer guidelines.

FEDERAL COURSE DESCRIPTION FOR DRIVER EDUCATION

Drivers' Education—Classroom and Laboratory courses provide students with the knowledge and experience to become safe drivers on America's roadways. Topics in these courses cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs). Experience in driving a vehicle is an essential component of these courses.



HEALTH EDUCATION

HEALTH EDUCATION (HEA100A/HEA100B)

Length of course: 1 semester

Credit: .5

Health Education Rigor: G

Subject Area: PHYSICAL, HEALTH, AND SAFETY EDUCATION

State Code: 08051A000

COURSE DESCRIPTION

This course provides students with general health practices and procedures. This includes: human ecology, environmental health, nutrition, facts regarding smoking, growth and development, disaster survival, mental health and illness, dental health, drug use and abuse, abstinence education, consumer health, Safe Haven law, personal health, violence/bullying, and disease and disease prevention.

FEDERAL COURSE DESCRIPTION FOR HEALTH EDUCATION

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.