

GRADUATION REQUIREMENTS FOR NEOGA HIGH SCHOOL 2017-2018

GRADUATION REQUIREMENTS: 5 credits each year for four years for a minimum of 20 total credits which must include the following required subjects:

*English	4 Credits	Elective	1 Credit
Social Studies	2 Credits	(Music, Foreign	
U.S. History (1)		Language, or Vocational)	
Constitution (1/2)		Health Education	1/2 Credit
Consumer Econ	1/2 Credit	Driver Ed Classroom	1/4 Credit
*Mathematics	3 Credits	Physical Education	4 Credits
Science	2 Credits		

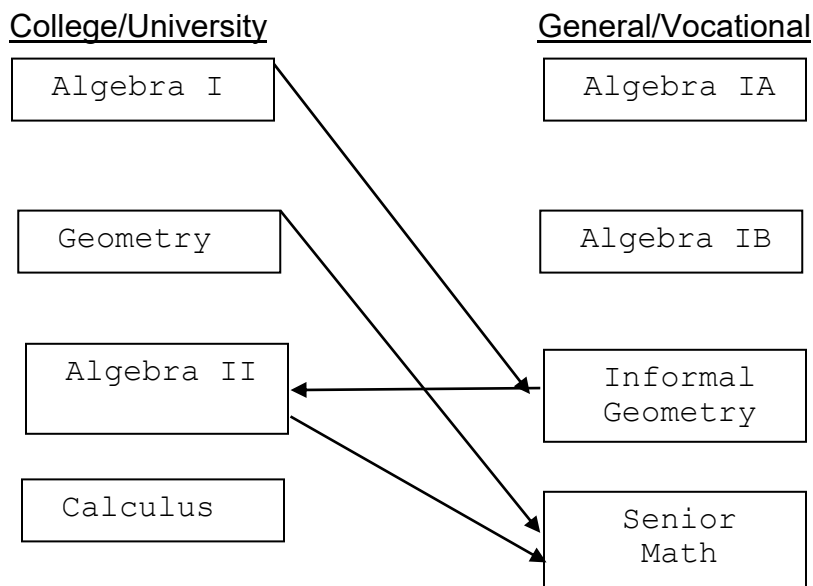
It is **STRONGLY RECOMMENDED** that each student take 6 credits per year to learn the maximum, insure adequate credit accumulation, and preserve interscholastic eligibility.

* Four-year college entrance requirements vary, but recommended are: 4 credits in English; 3 credits in math (or computer programming) starting with Algebra; 3 credits in Lab Science; 3 credits in Social Studies; 2 credits in Foreign Language, Art, Music, or Vocational. See the Course Description Book for specifics.

MATH COURSE OPTIONS

Algebra I
Algebra IA
Algebra IB
Geometry
Informal Geometry
Algebra II
Senior Math
Calculus

Below are the sequences for the order in which courses should be taken:



*Students will enter algebra I or Algebra IA based on teacher recommendation. Upon entering high school, students will follow one of the sequences shown above. The lines show alternate paths a student may take, but only with teacher and administrative approval.

PREPARATION FOR COLLEGE

Many students applying for admission into a 4-year college or university find that their high school preparation has been inadequate. Some of the courses they took were unnecessary. Others that they should have taken were missing.

What follows is a guide to aid those students who plan to enter a 4-year college or university. *All students must realize that college admission requirements are constantly changing.* While it is not possible to cover every situation in a list of this sort, this guide should prove to be a helpful basic outline. The Counselor will be able to assist you further with your course selections.

COLLEGE ENTRANCE REQUIREMENTS for State Universities in Illinois:

English	College Prep Math	Lab Science	Social Studies	Foreign Language*, Music, Art, Vocational
4	3	3	3	2

(*The Foreign Language entrance requirement varies from 2-4 years, depending on the University. Be sure to check with the counselor.)

COLLEGE COURSE OF STUDY	HIGH SCHOOL SUBJECTS RECOMMENDED	ADDITIONAL ENRICHMENT COURSES
Liberal Arts & Sciences (Pre-Law, Languages, Social Science, etc.)	4 Credits of English 3 Credits of Math 3 Credits of Science 2 Credits of Foreign Lang. 3 Credits of Soc. Science	English Courses Math Courses Social Science Science Courses Speech Courses Keyboarding
Science, Mathematics Pre-Medical Professions	4 Credits of English 4 Credits of Mathematics All Biological Sciences Chemistry & Physics 2 Credits Foreign Lang. 3 Credits Social Science	Social Sci. Courses Computer Courses English Courses Keyboarding
Engineering, Chemistry, Physics	4 Credits of Math 3 Credits Biology Science Chemistry & Physics 3 Credits Social Science 2 Credits Foreign Lang. 4 Credits of English	English Courses Computer Courses Keyboarding
Agriculture	4 Credits of English	English Courses
Forestry	3 Credits of Math 3 Credits of Social Sci. 3 Credits of Science 2 Credits of Foreign	Environmental Ed Keyboarding Accounting

	Language Music 2 Credits of Agriculture All Biological Sciences	
Family/Consumer Science Dietician	4 Credits of English 3 Credits of Math 4 Credits of FACS 3 Credits Biol. Science 2 Credits Foreign Lang. Music Chemistry 3 Credits Social Science	English Courses Social Sci. Courses Science Courses Health Occup. Keyboarding Nursing
Business Admin. Accounting Economics Marketing, Commerce	4 Credits of English 3 Credits of Math 3 Credits of Soc. Science General Business, Business Math, Accounting Business Law Money Management 3 Credits of Science 2 Credits Foreign Lang. Music	English Courses Math Courses Social Science Keyboarding Computer Courses Foreign Lang. Speech Courses
Architecture	4 Credits of English 4 Credits of Math 2 Credits Foreign Lang. 3 Credits Physics & Science 3 Credits of Social Science	English Social Sciences Keyboarding
Nursing	4 Credits of English 2 Credits of Math All Biological Sciences Chemistry Health Occupation Nursing	English Math Courses Social Sciences Keyboarding
Education	4 Credits of English 2 Credits of For. Lang. 4 Credits of Math 4 Credits of Nat. Science 3 Credits of Soc. Science	English Courses Social Science Math Science Courses Keyboarding

GUIDANCE AND COUNSELING SERVICES

Many students do not take advantage of the high school's guidance services until it is almost too late to assist them in entering the vocation they have chosen. Students should contact the Counselor as freshmen and become familiar with the services available.

Aside from personal counseling, the counselor can assist students in applying for financial assistance to attend college. Financial aids fall into three categories; scholarships, loans, and grants. The first of these is generally weighed in terms of the academic past and/or talents of the student. Grants are usually given on the basis of financial need with no consideration given to academic standing. Loans are granted to students at a low interest rate with some loans reducing themselves with every year an individual teaches in public schools.

The Counselor will keep a record of your academic accomplishments while you are a student at Neoga High School. You should check with the counselor periodically to see if you are making progress toward graduating.

THE PRECEDING GUIDE IS GENERAL AND SERIOUS STUDENTS SHOULD CHECK WITH THE COUNSELOR FOR SPECIFIC INFORMATION ABOUT REQUIREMENTS AT SPECIFIC COLLEGES OR UNIVERSITIES.

NCAA DIVISION I & II ATHLETIC ELIGIBILITY

Any athlete entering a Division I or II college must meet certain entrance requirements in order to be completely eligible for a scholarship and competition. The requirements are listed below.

1. **A sliding scale qualification such as:**
 - a. **a core curriculum G.P.A. of 4.375 and a combined score of 39 on the ACT (420 on the SAT); or**
 - b. **a core curriculum G.P.A. of 3.75 and a combined score of 52 on the ACT (620 on the SAT); or**
 - c. **some similar combination between the G.P.A. and the test score.**

2. **The core-curriculum includes sixteen (16) college preparatory academic units within the following area requirements:**
 - a. **4 units of English
(excluding Developmental)**

 - b. **3 units of Math
(Algebra I, or higher)**

 - c. **2 units of Natural or Physical Science
(excluding General and Applied Science)**

d. 2 units of Social Science (excluding Basic History and U.S. Government)

e. 1 additional unit of English, Math or Natural/Physical Science

f. 4 units of additional core courses (may include additional core courses from above areas or foreign language)

Students who wish to protect their athletic eligibility at a large college should consult with the school counselor each year during pre-registration.

ENGLISH CURRICULUM

- 010** **ENGLISH IB** **Assigned by Teacher & Admin.**
F **1/2 or 1 Credit or 1 Semester or Year**
 The course will include basic grammar skills, vocabulary, spelling, word attack skills, and reading. Enrollment in course is limited to those recommended by the English department. Students will be enrolled for a semester or a year based on the student's needs as evaluated by the instructor.
- 011** **ENGLISH IA** **1 Credit 1 Year**
FS
 English I will focus on strengthening the core areas of this subject. First, reading comprehension and analysis will be covered. Second, the strengthening of the writing process will be addressed. Third, the expansion of the student's vocabulary will be covered. Finally, the student's ability to listen and speak effectively will be thoroughly covered. William Shakespeare's *Romeo and Juliet* will be covered in order to diversify the literature offered in the course. Shakespeare's vocabulary, characters, and present themes will be the focus of the unit. Students will be required to read selected short stories. In addition to literature, grammar and writing skills will be taught. This area of the course will focus on sentence structure and style, as well as paragraph structure and style. A public speaking unit will also be included in this course.
- 020** **ENGLISH II** **Pre-Req 011**
SJ **1 Credit 1 Year**
(Satisfies the writing intensive course requirement)
 English II will focus on strengthening the core areas of this subject. First, reading comprehension and analysis will be covered. Second, the strengthening of the writing process will be addressed Third, the expansion of the student's vocabulary will be covered. Finally, the student's ability to listen and speak effectively will be thoroughly covered. Students will be exposed to the novel *To Kill a Mockingbird*. During this unit, Harper Lee's use of vocabulary, as well as apparent themes will be covered. Also, four major essay types will be introduced and covered (narrative, expository, persuasive, and descriptive). The student will be able to identify the elements of each essay type, as well as compose each essay type. William Shakespeare's *Julius Caesar* will be covered in order to diversify the literature offered in the course. Shakespeare's vocabulary, characters, and present themes will be the focus of the unit. A poetry unit will also be present in English II. During this unit, students will be introduced to various types of poetry. Students will be expected to read and interpret this poetry, as well as compose original poems. A public speaking unit will also be included in this course.
- 030** **ENGLISH III** **Pre-Req 020**
J **1 Credit 1 Year**
(Satisfies the writing intensive course requirement)
 English III A will focus on strengthening the core areas of this subject. First, reading comprehension and analysis will be covered. Second, the strengthening of the writing process will be addressed. Third, the expansion of the student's vocabulary will be covered. Finally, the student's ability to listen and speak effectively will be thoroughly covered. The focus of the class will encompass the study of American literature (mainly short stories and excerpts), as well as the technique of composing a term paper (7-9 pages, 6-8 sources). In addition to the composition of a term paper, the process of efficient literary research will be thoroughly covered. The novel, *The Red Badge of Courage*, will be added in order to expose students to a difficult, yet influential

piece of American literature. During this unit, Stephen Crane’s language and present themes will be thoroughly covered. In order to diversify the literature covered in the course, William Shakespeare’s *Hamlet* or the American play *A Raisin in the Sun* will also be covered. The main focus of the *Hamlet* unit will be Shakespeare’s use of vocabulary, character development, and the exploration of the themes present. A public speaking unit will also be included in this course.

031 ENGLISH III B Pre-Req 020
JE 1 Credit 1 Year

(Satisfies the writing intensive course requirement)

English III (B) will focus on strengthening the core areas of this subject. First, reading comprehension and analysis will be covered. Second, the strengthening of the writing process will be addressed. Third, the expansion of the student’s vocabulary will be covered. Finally, the student’s ability to listen and speak effectively will be thoroughly covered. The focus of this class will encompass the study of American literature (primarily short stories and excerpts), as well as the technique of composing an organized report (4-6 pages, 3-4 sources). In addition to the composition of an organized report, the process of efficient literary research will be covered. The novel, *The Grapes of Wrath*, will be added in order to expose students to a manageable, yet influential literary work. During this unit, John Steinbeck’s use of vocabulary, as well as present themes will be addressed. A public speaking unit will also be included in this course.

037 MEDIA STUDY 1/2 Credit 1 Semester
JE

The contributions and impact of radio, TV, and films upon our society and their unique techniques of communication will be studied. Effective speaking, performing, and listening will be stressed. Through media, this course will explore students' reactions to human emotion, examine key elements of literary composition, and bring critical intelligence to these experiences.

042 BROADCAST JOURNALISM 1/2 Credit 1 Semester
JE

Broadcast Journalism is an applied English class in which students write and produce video presentations. Emphasis will be placed on providing a regular school news broadcast. Units on radio and TV production will explore the writing and technical skills essential for a career opportunity in these fields. This course is designed for the technically-oriented student. This course will not help meet the minimum university entrance requirements, but it can count in the elective category. It will not count as an English requirement for graduation.

043 INTRO TO SPEECH COMMUNICATION 1/2 Credit 1 Semester
E

This course focuses on the fundamental principles and methods of selecting, analyzing, organizing, developing and communicating information, evidence, and points of view to audiences. Students will create and present various extemporaneous and impromptu speeches, some of which will require research and/or multimedia aspects.

- 047** **MODERN PROBLEMS** **1/2 Credit One Semester**
JE **1/2 Credit 1 Semester**
(Satisfies the writing intensive course requirement)
- Modern Problems is a semester discussion and composition course for seniors. In this course, students will analyze the works of writers who have commented on problems which exist in society. For centuries problems such as man's inhumanity to man, war, religion, and corruption in government have been the subject of authors from Plato to Baldwin. These issues, as well as those more representative of today's society - equal rights for women, divorce and racial prejudice will be some of the topics for composition. Background reading and class discussion will precede student writing.
- 038** **ENGLISH IV** **1 Credit 1 Year**
E
- English IV composition is a yearlong course that will enable students to understand how to read and respond to a variety of literature, independently, in group discussion and in writing. All facets of language arts – listening, speaking, reading, writing will be covered. Although not taught explicitly, grammar, mechanics, sentence structure, and usage will be incorporated in this yearlong course as well. The writing process, elements of style, and research will be focused.

SPANISH CURRICULUM

- 090** **BEGINNING SPANISH** **1 Credit 1 Year**
FSJE
- This introductory course is a study of Spanish language and culture covering the sounds of language, writing, speaking, listening skills and reading. This course is not recommended for students who have difficulty in language art skills.
- 095** **INTERMEDIATE SPANISH** **Pre-Req 090**
SJE **1 Credit 1 Year**
- This class is a continuation of Spanish I covering the development of reading, writing, speaking and listening skills. By the end of the year, the student should be knowledgeable of most basic grammar, verb conjugations and tenses.
- 097** **ADVANCED SPANISH** **Pre-Req 090 & 095**
JE **1 Credit 1 Year**
- This class is designed to give students communicative proficiency in listening, speaking, reading and writing. Exposure is given to the rich and varied cultures of the Spanish-speaking world.

MATHEMATICS CURRICULUM

110 F	ALGEBRA I	Assigned by Teacher & Admin 1 Credit 1 Year
	<i>(Satisfies the Algebra I course requirement)</i>	
	This course includes 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. Study of Linear, exponential, and quadratic functions will be a main focus. Other topics will include rational functions, statistics and probability.	
114 F	Algebra IA	1 Credit 1 Year
	The first part in a multi-part sequence of Algebra I: This course covers the same topics as the first semester of Algebra I, including the study of properties of rational numbers (i.e., number theory), ratio, proportion, and estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first degree equations and inequalities. Study of linear functions will be a main focus.	
116 S	ALGEBRA I B	Pre-Req 114 1 Credit 1 Year
	<i>(Satisfies the Algebra I course requirement)</i>	
	The second part in a multi-part sequence of Algebra I: This course covers the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, 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 quadratics. Study of Exponential and Quadratic functions will be a main focus. Other topics will include Rational functions, Statistics and Probability.	
122 SJE	GEOMETRY	Pre-Req 110 or 116 1 Credit 1 Year
	<i>(Satisfies the Geometry content requirement)</i>	
	This course, emphasizes an abstract, formal approach to the study of geometry, includes 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.	
120 J	INFORMAL GEOMETRY	Pre-Req 116 1 Credit 1 Year
	<i>(Satisfies the Geometry content requirement)</i> <u>(does NOT meet the college math requirement)</u>	
	This course emphasizes a practical approach to the study of geometry and deemphasizes an abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles	

125 JE	ALGEBRA II	Pre-Req 122 1 Credit 1 Year
<p>This course topics includes 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. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; conic sections; and probability and statistics.</p>		
145 E	CALCULUS	Pre-Req 125 1 Credit 1 Year
<p>This course combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Calculus. Topics include complex numbers; polynomial, rational, right trigonometric functions and their relations, inverses and graphs; trigonometric identities and equations; solutions of oblique triangles; and limits and continuity. Study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus.</p>		
136 JE	SENIOR MATH	Pre-Req 120 or 122 1 Credit 1 Year
<p>Topics include functions and inverse functions; exponential and logarithmic functions; polynomial and simple rational functions; systems of equations and inequalities; sequences and series; probability and statistics; basic trigonometry with trigonometric identities. This one-year course is intended to prepare students to be successful in a first semester, 3-credit hour, college algebra course.</p>		

SCIENCE CURRICULUM

220 F	BIOLOGY	Assigned by Teacher & Admin 1 Credit 1 Year
	This course will provide students with an understanding of living things, including ecology and biodiversity, cell structure, cell processes and functions, genetics and inheritance, and biological evolution. This is a lab based course.	
225 F	BIOLOGY FOUNDATIONS	Assigned by Teacher & Admin 1 Credit 1 Year
	This course will provide students with a basic understanding of living things, including ecology and biodiversity, cell structure, cell processes and functions, genetics and inheritance, and biological evolution. This is a lab based course.	
210 S	PHYSICAL SCIENCE	Pre-Req 225 1 Credit 1 Year
	This course will include the study of the structures and states of matter, including such topics as forms of energy, wave phenomenon, electromagnetism, atomic structures and physical and chemical interactions.	
230 SJE	INORGANIC CHEMISTRY	Pre-Req 220 1 Credit 1 Year
	This course is offered for those students who desire an in-depth study of matter and the changes it undergoes. Concepts such as the behavior of solids, liquids and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations & nuclear reactions are also studied. Students interested in any science related field such as the medical field, engineering, agriculture, biology or related fields should include chemistry in the curriculum.	
235 JE	HUMAN ANATOMY AND PHYSIOLOGY	Pre-Req 220, 230 recommended 1 Credit 1 Year
	This course will provide students with an understanding of the structure of the human body and its functions. Students will learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, integumentary, etc.), and will dissect cats or rabbits. This course will be especially helpful for students who wish to pursue a career in the medical field.	
240 E	PHYSICS	Pre-Req 230 & 125 1 Credit 1 Year
	This course is offered for those students who desire an in-depth study of the physical laws of nature, including the study of the relationship between matter and energy and forces and motion. The wave properties of sound and light will be examined and the theories of electricity will be used to explain various phenomena in direct and alternating currents. Students interested in any science related field, such as the medical field, engineering, agriculture, biology or related fields, should include physics in their curriculum.	

250
SJE

EARTH/SPACE SCIENCE

1 Credit 1 Year

This course is designed to introduce students to the three main ideas in earth and space science: Earth's place in the universe, including astronomy; Earth's systems, including geology and weather; and Earth and Human Activity. Laboratory and/or field activities will support the course learning objectives. Science process skills and cross-cutting concepts will be applied throughout the course.

SOCIAL STUDIES/HISTORY CURRICULUM

310 WORLD GEOGRAPHY

FSJE

1/2 Credit 1 Semester

World Geography is designed to introduce students to culture, socio-economics, political systems, and conflicts in the nations of the world. The study of the nations will emphasize the five themes of geography (location, place, human-environment interaction, movement, regions). The course will be broken into regions of study with map work focusing on the locations of nations and distinctive physical features.

315 WESTERN CIVILIZATION I

SJE

1/2 Credit 1 Semester

Western Civilization I is offered to help students understand the stages of western cultural development which have strongly influenced our society. This course will survey prehistoric man's achievements, the civilizations of Egypt, Greece, and Rome, and the medieval Period and Renaissance.

316 WESTERN CIVILIZATION II

SJE

1/2 Credit 1 Semester

Western Civilization II continues to trace the development of western culture after 1500 A.D. Topics included in this survey are the development of modern democracy in Europe, nationalism, imperialism, industrialization, and the increasing international interdependence.

320 U.S. CONSTITUTION

E

1/2 Credit 1 Semester

Constitution will be a study of the foundations of U.S. Government, the Declaration of Independence, the Articles of Confederation, the U.S. Constitution, the Illinois Constitution, and the history and etiquette of the United States Flag. This course meets the Illinois General Assembly's requirement that all students show a proficiency in these areas before graduating from an Illinois High School.

325 ILLINOIS HISTORY

SJE

1/2 Credit 1 Semester

Illinois History is a survey of the social, economic, geographical, political, and historical developments of the State of Illinois. County and local history will also be covered.

327 PSYCHOLOGY

SJE

1/2 Credit 1 Semester

This course is designed to introduce students to the systematic and scientific study of human behavior and mental processes. Students will study well-known psychologists, theories developed by those psychologists, as well as psychological facts, principles and phenomena associated with the major sub-fields within psychology. They will also learn about the methods psychologists use to monitor and evaluate psychological processes. Students will use reading, writing, and critical thinking skills to discuss and analyze concepts and issues relevant to psychology.

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|------------|----------|--|-----------------------------------|
| 330 | J | AMERICAN HISTORY | Required |
| | | | 1 Credit 1 Year |
| | | <p>This course covers the time period of 1600 to 1970. Major topics include the discovery and colonization of the New World, the American Revolution, and the birth of the Republic. Discussed are westward expansion, nationalism, sectionalism, slavery, and reconstruction. Industrialization, the growth of big business and the role of labor unions, and immigration are also covered. Included will be the great depression, World Wars I & II, the "cold war", and the role of the United States as a world power. This course fulfills part of the American History requirement for graduation.</p> | |
| | | | |
| 345 | S | CONSUMER ECONOMICS | 1/2 Credit 1 Semester |
| | | (Meets graduation Requirement) | |
| | | <p>The goal of consumer economics is to develop the skills, concepts, and understandings required in daily living so that each individual may achieve maximum utilization and satisfaction from his or her available resources. Economics, budgeting, insurance, taxes, careers, credit, federal agencies and laws that protect consumers as well as banking and investments will be covered.</p> | |

BUSINESS EDUCATION CURRICULUM

- 410 BUSINESS AND TECHNOLOGY CONCEPTS**
FSJE **1/2 Credit 1 Semester**
 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.
- 414 COMPUTER KEYBOARDING & FORMATTING**
FSJE **1/2 Credit 1 Semester**
 This one-semester course is designed to develop basic skills in touch keyboarding techniques for entering alphabetic, numeric and symbol information found on computers and terminals. Good keying technique and proofreading will be emphasized throughout the semester. Formatting and production of personal and business correspondence such as emails, letters, envelopes, reports, and tables will be covered. During the second half of the course, major emphasis is placed on formatting documents, improving proofreading skills, and increasing speed and accuracy. Digital literacy and responsibility will also be covered in this class.
- 420 COMPUTER CONCEPTS & SOFTWARE APPLICATIONS** **Pre-Req 414 or Instructor Consent**
FSJE **1/2 Credit 1 Semester**
 This one-semester course will provide students with hands-on operation using word processing, spreadsheet, database, presentation, and communications software. During the entire course emphasis will be placed on correct document formatting and proofreading. The training received in this course will become a valuable skill to use in other classes, extracurricular organizations, and work situations.
- 425 BUSINESS MATH**
JE **1 Credit 1 Year**
 Business mathematics is a one-year course emphasizing both business and personal use of mathematical skills. This class is designed to give students immediate practice in solving real business problems. It is intended to refresh, intensify, and drill on the arithmetic of business. It emphasizes math as it applies to on the job situations and to social and economic implications. The course will cover such topics as money records, payroll, borrowing money, saving and investing, taxes, banking, and home expenses.

- 433**
JE **BUSINESS LAW** **1/2 Credit** **1 Semester**
- The one-semester course addresses the legal principles of business and personal law and how it impacts business and personal life. Topics include ethics, the legal/court system, contracts and their legal implications, and consumer protection. This course is designed to familiarize students with certain fundamental principles of law applicable to the economy and provides practical legal information and problem solving opportunities which will give the students knowledge and skills necessary for survival in our business world.
- 434**
SJE **COMPUTER PROGRAMMING** **1/2 Credit** **1 Semester**
- This one-semester course is an introduction to computer programming designed to give students a basic knowledge of the concepts of programming, logic, and related mathematics through the use of QBASIC. Emphasis is placed on solving math problems, but business applications are also presented. Students may also get exposure to gaming and app development.
- 440**
SJE **INFORMATION PROCESSING -** **Pre-Req 414, 420**
1/2 Credit **1 Semester**
Word Processing **Dual Credit w/LLC**
- This is a one-semester course in the use and applications of word processing software. This course will include the study and application of the most widely used word processor in the business world today. Application problems will be used in order for the student to apply his/her skill in a realistic way. After completion of this course, the student will have gained employability skills. A book rental fee could apply to this class. If taken as a dual credit, an additional fee will be applied and only juniors and seniors can earl dual credit.
- 442**
SJE **INFORMATION PROCESSING -** **Pre-Req 414, 420**
1/2 Credit **1 Semester**
Data Base (IP: DATA BASE) **Dual Credit w/LLC**
- This is a one-semester course which includes the study of the most widely used data base software programs. After completion of this course a student will possess the necessary skills and transferable knowledge to enter the working world. A book rental fee could apply to this class. If taken as a dual credit, an additional fee will be applied and only juniors and seniors can earn dual credit.
- 444**
SJE **INFORMATION PROCESSING -** **Pre-Req 414, 420**
1/2 Credit **1 Semester**
Spreadsheets (IP: SPREADSHEET) **Dual Credit w/LLC**
- This is a one-semester course that includes the use and study of the commands, formulas, and basic functions in spreadsheet software. Application problems will be used in order for the student to apply his/her skill in a realistic way. The spreadsheet taught in the course will include those most widely used in the business world today. After completion of this course, the student will have gained employability skills. A book rental fee could apply to this class. If taken as a dual credit, an additional fee will be applied and only juniors and seniors can earn dual credit.

446 **DESKTOP PUBLISHING/WEBSITE DESIGN** **Pre-Req 414, 420**
JE **1/2 Credit 1 Semester**

This one-semester course introduces students to the concepts, terminology, techniques, and applications of desktop publishing and website design. Integration of current business documents and graphics to facilitate the designing of printed pages using text and graphics will be used to produce professional looking publications. The website design aspect of this class will give students skills necessary to navigate the Internet and will also provide hands-on experience to make and create websites for themselves.

450 **ACCOUNTING I** **Pre-Reg 420 or Instructor Consent**
JE **1 Credit 1 Year**

Accounting I is a full-year skill level course that is of value to all students pursuing a strong background in business, marketing, and management. This course includes career exploration and develops initial and basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial records including payment and receipt of cash and preparation of payroll records and financial statements. Computerized accounting may be integrated as well. Practice sets with business papers may be used to emphasize actual business records management and student fees could be assessed.

464 **CEO REGIONAL ENTREPRENEURSHIP CLASS** **2 Credits 1 Year**
JE

Regional Entrepreneurship is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Our local business community partners with are schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours and one-on-one mentoring. Students visit are businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student’s development throughout the course.

AGRICULTURAL EDUCATION CURRICULUM**510 INTRODUCTION TO THE AGRICULTURE INDUSTRY 1****FSJE****1 Credit****1 Year**

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, natural resources, agribusiness management, and carpentry, 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.

520 AGRICULTURAL SCIENCE**SJE****1 Credit****1 Year**

This course is designed to expand student's understanding and knowledge of agricultural related sciences and skills needed to evolve and preserve the agricultural industry. Major units of instruction include soil science, agronomy, natural resources, advanced animal science, and advanced plant science/horticulture. Curriculum is further enhanced with numerous labs and hands-on experiences for students to apply their knowledge in real world situations. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

525 AGRICULTURAL MECHANICS I**SJE****1 Credit****1 year**

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, and basic metal design and fabrication. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

526 AGRICULTURAL MECHANICS II**JE****1 Credit****1 Year**

This course provides students with an opportunity to learn and apply advanced concepts in welding and fabrication through project based learning. Units of focus include advanced welding procedures, advanced metal design and fabrication, and project based assessment. Students will be able to apply their new skills and knowledge to personalized projects as well as operate the modern metal working equipment at a large scale. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

530 AGRICULTURAL CONSTRUCTION**JE****1 Credit 1 Year**

This course focuses on the knowledge, hands-on skills, and work place skills applicable to construction in the agricultural industry. Major units of instruction will include advanced wood working, surveying, CAD design, framing, drywall, plumbing, and finishing. This course offers a hands-on learning approach with students gaining skills for potential careers in construction, carpentry, plumbing, and numerous other trade careers as well as knowledge and skills for basic home repair and renovations. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

540 AGRICULTURAL BUSINESS AND MANAGEMENT**E****1 Credit 1 Year**

This course will develop students' understanding of the agricultural industry relating to the United States and World marketplace. Instructional units include: business ownership types, planning and organizing the agribusiness, financing the agribusiness, keeping and using records in an agribusiness, operating the agribusiness, agricultural law, taxes, 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 is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

545 SUPERVISED AGRICULTURAL EXPERIENCE (SAE)**SJE****1/4 Credit 1 Year**

This course is designed to improve and expand knowledge and skills in various agricultural careers. Students will gain credit by continuing a project at their home, at a local business, or at their school usually after normal school hours. Students are encouraged to add additional projects, experiences, scope, and growth involving managerial and decision making skills. Students will be required to verify their experiences by keeping written or computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, and net worth. Instructor supervision will be conducted to the student's home or place of employment. SAE records should be evaluated at least once per month. In addition, SAE lessons are integrated into each agricultural course. SAE participation can lead to fulltime employment, scholarships, and awards through the FFA.

ART EDUCATION

820	ART 1	1 Credit	1 Year
FSJE			
<p>Art 1 provides students with the knowledge and opportunity to explore an art form and to create individual works of art. This course may also provide a discussion and exploration of career opportunities in the art world. Initial course covers 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 regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Art 1 focus on creation, it may also include the study of major artists, art movements and styles.</p>			

DRIVER EDUCATION CURRICULUM

840	DRIVER EDUCATION	(Classroom Phase)
FS		1/4 Credit 1 Quarter
<p><i>(PRE-REQ-Received a passing grade in at least 8 courses during Previous 2 semesters or consent of the Superintendent.)</i></p> <p>Students will receive classroom instruction dealing with motor vehicle safety. State of Illinois licensing examiners will test the students and will issue instruction permits upon successful completion. Students must pass this course before they will be permitted to take the "behind-the-wheel" phase. The State of Illinois requires all drivers to pay for an instructional permit, which also covers the cost of their first license. An additional fee of \$150.00 will be assessed to help offset local program costs.</p>		
845	DRIVER EDUCATION (Behind-The-Wheel)	No Credit
FS		
<p>Students will be assigned to this class by the driver education instructor. Students will be selected by age and the periods in which they are available to drive.</p>		

PHYSICAL EDUCATION CURRICULUM**1/4 Credit a year Required**

850	PHYSICAL EDUCATION - 1ST SEMESTER
FSJE	
851	PHYSICAL EDUCATION - 2ND SEMESTER
FSJE	
855	PHYSICAL EDUCATION - 1ST SEMESTER
FSJE	
856	PHYSICAL EDUCATION - 2ND SEMESTER
FSJE	

Students must be enrolled in Physical Education each quarter.
 Any student excused from P.E. must have a written waiver signed by the principal.
 Waivers are not available to freshman or sophomores in accordance with Illinois School Law.

STUDY/WORK

865	S.V.E.-Class	1 Credit	1 Year
JE	Students who will benefit from additional classroom emphasis on academic, social, or work skills may be admitted to this classroom course. The focus is on the skills needed to get and keep a job. The course is designed to improve the student's future employability rather than merely providing work during the junior or senior year.		
866	S.V.E.-WORK	1 Credit	1 Year
JE	The work portion of the SVE Class, will emphasize and enhance the orientation and skills taken in the vocational area. Written agreements and individual student training plans are then developed and agreed upon by the employer, student and coordinator.		