

2023/24

Neoga Jr-Sr High School



Course Description

GRADUATION REQUIREMENTS FOR NEOGA HIGH SCHOOL 2020-2021

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 Credit	Language, or Vocational)	
Constitution	½ Credit	Health Education	1/2 Credit
Consumer Econ	½ 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**.

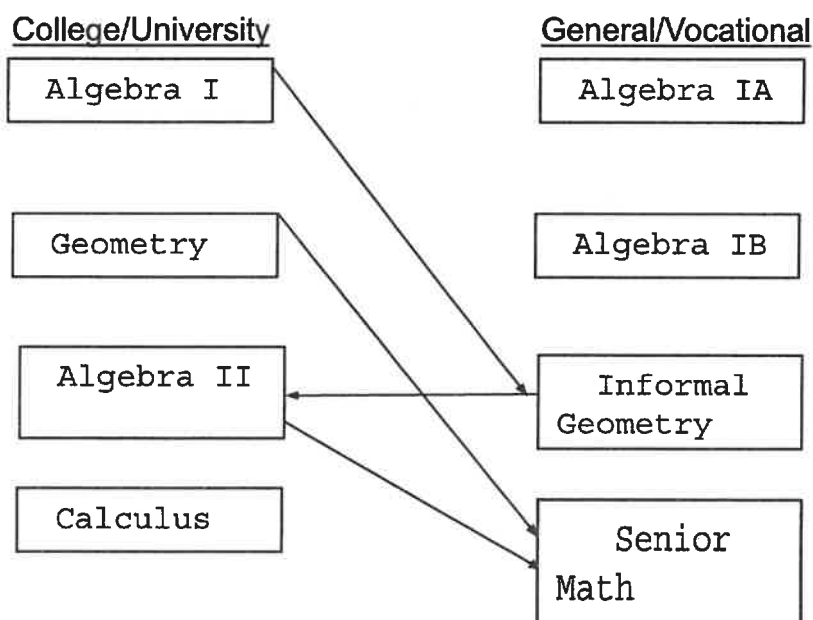
* Four-year college entrance requirements vary, but recommended are: 4 credits in English; 3 credits in math (or computer programming) starting with Algebra; 3 credits in Lab Science; 3 credits in Social Studies; 2 credits in Foreign Language, Art, Music, or Vocational. See the Course Description Book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

F-Freshman S-Sophomore J-Junior E-Senior

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.

F-Freshman S-Sophomore J-Junior E-Senior

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

4

College Prep
Math

3

Lab
Science

3

Social
Studies

3

Foreign Language*,
Music, Art, Vocational

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 Lang.

Environmental Ed
Keyboarding
Accounting
Music

F-Freshman S-Sophomore J-Junior E-Senior

	2 Credits of Agriculture All Biological Sciences	
Family/Consumer Science Dietician	4 Credits of English 3 Credits of Math 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 Business Math Business Law 3 Credits of Science 2 Credits Foreign Lang.	English Courses Math Courses Social Science Keyboarding Computer Courses Speech Courses Music
Architecture	4 Credits of English 4 Credits of Math 2 Credits Foreign Lang. 3 Credits Physics & Science 3 Credits of Social Science	English Courses Social Sciences Keyboarding
Nursing	4 Credits of English 2 Credits of Math All Biological Sciences Chemistry Health Occupation	English Courses 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**
English 1A, English II, English III, Intro to Speech, English IV, Composition I, Composition II

b. 3 units of Math

Algebra I, Algebra IA, Algebra IB, Geometry, Algebra II, Calculus

c. 2 units of Natural or Physical Science

Biology, Physical Science, Inorganic Chemistry, Human Anatomy & Physiology, Earth/Space Science, Physics, A/P Biology

d. 2 units of Social Science

World Geography, Western Civilization 1, Western Civilization 2, Illinois History, Psychology, American History

e. 1 additional unit of English, Math or Natural/Physical Science**f. 4 units of additional core courses**

Beginning Spanish, Intermediate Spanish, Advanced Spanish

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	F	ENGLISH IB	Assigned by Teacher & Admin.	½ or 1 Credit or 1 Semester or Year
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. This course will be assigned by teachers and administration. The course will take into account students' unique learning styles and follow a pace that is appropriate for the students' needs.				
011	FS	ENGLISH IA	NCAA Approved	1 Credit 1 Year
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.				
024	S	ENGLISH IIB		1 Credit 1 Year
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. This course will be assigned by teachers and administration. The course will take into account students' unique learning styles and follow a pace that is appropriate for the students' needs.				
020	SJ	ENGLISH II	NCAA approved	Pre-Req 011 1 Credit 1 Year
(Satisfies the writing intensive course requirement)				
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.				

- 030 **ENGLISH III** *NCAA approved* **Pre-Req 020**
J **1 Credit 1 Year**
(Satisfies the writing intensive course requirement)
 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 7 writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.
- 031 **ENGLISH III B** **Pre-Req 020**
JE **1 Credit 1 Year**
(Satisfies the writing intensive course requirement)
 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 7 writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. (Available SY 2011-.) This course will be assigned by teachers and administration. The course will take into account students' unique learning styles and follow a pace that is appropriate for the students' needs.
- 037 **MEDIA STUDY** **1/2 Credit 1 Semester**
JE
 This course emphasizes knowledge and skills that will enable students to understand media communications in the twenty-first century and to use media effectively and responsibly. Through analyzing the forms and messages of a variety of media works and audience responses to them, and through creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgment, and skills in viewing, representing, listening, speaking, reading, and writing. This will be a project based class with appropriate formative assessment materials in between. English/Composition (juniors and seniors) courses are designed for juniors and/or seniors and build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition (juniors and seniors) courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.
- 043 **INTRO TO SPEECH COMMUNICATION** *NCAA approved* **½ 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
- F-Freshman S-Sophomore J-Junior E-Senior

audiences. Students will create and present various extemporaneous and impromptu speeches, some of which will require research and/or multimedia aspects.

047	JE	MODERN PROBLEMS	1/2 Credit	1 Semester	(Satisfies the writing intensive course requirement) Modern Problems is a semester discussion and composition course for juniors and seniors. In this course, students will analyze modern problems through discussions and writing after reading scholarly, reviewed articles and current news articles. Non-fiction materials will be used to enhance student discussion and dialogues. Students will keep a daily organized journal on their readings and in-class discussions. Parts of the class will focus on applicable basic life skills necessary for students to succeed. Similarly, students will demonstrate abilities in logic and problem solving through hands-on assessments. Background reading and class discussion will precede student writing. English/Composition (juniors and seniors) courses are designed for juniors and/or seniors and build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition (juniors and seniors) courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.
038	E	ENGLISH IV	NCAA approved		1 Credit 1 Year 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.
391	E	COMPOSITION I	NCAA approved		1/2 Credit 1 semester Students will study the writing process by reading essays that illustrate a variety of rhetorical strategies, analyzing writing tasks and texts, and writing, revising, and editing short essays.
392	E	COMPOSITION II	NCAA approved		1/2 Credit 1 semester Students will learn how to find, use, assess and document research sources, producing an extended writing project based primarily on library research.

SPANISH CURRICULUM

090	BEGINNING SPANISH	<i>NCAA approved</i>	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 <u>not</u> recommended for students who have difficulty in language art skills.			
095	INTERMEDIATE SPANISH	<i>NCAA approved</i>	1 Credit	Pre-Req 090 1 Year
SJE	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	<i>NCAA approved</i>	1 Credit	Pre-Req 090 & 095 1 Year
JE	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	NCAA approved	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.						
114	F	ALGEBRA IA	NCAA approved		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	NCAA approved		1 Credit	Pre-Req 114 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,						
F-Freshman S-Sophomore J-Junior E-Senior						

Statistics and Probability.

- 122 SJE GEOMETRY** *NCAA approved* **Pre-Req 110 or 116**
1 Credit 1 Year
(Satisfies the Geometry content requirement)
 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
(Satisfies the Geometry content requirement)
(does NOT meet the college math requirement)
 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** *NCAA approved* **Pre-Req 122**
1 Credit 1 Year
 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.
- 145 E CALCULUS** *NCAA approved* **Pre-Req 125**
1 Credit 1 Year
 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).
- 136 JE SENIOR MATH** **Pre-Req 120 or 122**
1 Credit 1 Year
 Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use

mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills.

SCIENCE CURRICULUM

220 F	BIOLOGY	<i>NCAA approved</i>	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.		
222 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	<i>NCAA approved</i>	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.		
250 SJE	EARTH/SPACE SCIENCE	<i>NCAA approved</i>	1 Credit 1 Year
	Earth and Space Science courses introduce students to the study of the earth from a local and global perspective. In these courses, students typically learn about time zones, latitude and longitude, atmosphere, weather, climate, matter, and energy transfer. Advanced topics often include the study of the use of remote sensing, computer visualization, and computer modeling to enable earth scientists to understand earth as a complex and changing planet.		
230 SJE	INORGANIC CHEMISTRY	<i>NCAA approved</i>	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	<i>NCAA approved</i>	Pre-Req 220, 230 recommended 1 Credit 1 Year
	This course will provide students with an understanding of the structure of the human body		
	F-Freshman S-Sophomore J-Junior E-Senior		

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** *NCAA approved* **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.
- 225 JE AP BIOLOGY** *NCAA approved* **Pre-Req. 220 & 23**
(both minimum grade of B)
- AP Course Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments.

SOCIAL STUDIES/HISTORY CURRICULUM

- 310 FSJE WORLD GEOGRAPHY** *NCAA approved* **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 SJE WESTERN CIVILIZATION I** *NCAA approved* **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 SJE WESTERN CIVILIZATION II** *NCAA approved* **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.

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- 320 E U.S. CONSTITUTION** *NCAA approved* **1/2 Credit 1 Semester**
 Constitution will be a study of the foundations of the 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 SJE ILLINOIS HISTORY** *NCAA approved* **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 SJE PSYCHOLOGY** *NCAA approved* **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 subfields 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.
- 330 J AMERICAN HISTORY** *NCAA approved* **Required 1 Credit 1 Year**
 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.
- 345 S CONSUMER ECONOMICS** **(Meets graduation Requirement)** **1/2 Credit 1 Semester**
 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.

BUSINESS EDUCATION CURRICULUM

- 414 FSJE COMPUTER KEYBOARDING & FORMATTING** **1/2 Credit 1 Semester**
 This one-semester course is designed to develop basic skills in touch keyboarding
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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.

427 **BUSINESS AND TECHNOLOGY CONCEPTS**

SJE **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.

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 **BUSINESS LAW**

JE **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

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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.

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.

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 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.

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.

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- 520 SJE AGRICULTURAL SCIENCE** **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 SJE AGRICULTURAL MECHANICS I** **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 JE AGRICULTURAL MECHANICS II** **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 metalworking 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.
- 535 SJE HORTICULTURE SCIENCE** **1 Credit 1 Year**
- Horticultural Science Formerly known as General Horticulture, Horticultural Science courses expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including principles of plant science, greenhouse and nursery operations, soils and growing media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior landscaping, irrigation systems, weed and pest control, and floral design.
- 530 JE AGRICULTURAL CONSTRUCTION** **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
- F-Freshman S-Sophomore J-Junior E-Senior

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.

HEALTH AND NURSING CURRICULUM

800 HEALTH EDUCATION

FS

1/2 Credit 1 Semester

This course focuses on current problems in such areas as consumer health, drug use and abuse, human growth and development, mental health, safety education, reproduction, and personal health.

817 REGIONAL HEALTH OCCUPATION

E

2 Credits 1 Year

Students requesting an in-depth study into the health field may explore the nursing/health occupations program at Sarah Bush Hospital. Students will attend Neoga High School for one half day and then attend the nursing program at Sarah Bush. Students and parents must make arrangements for the student's transportation to and from the hospital. Students and parents interested in this program should contact the Guidance Counselor for further

F-Freshman S-Sophomore J-Junior E-Senior

details.

MUSIC EDUCATION

830 FSJE	BAND	1 Credit	One Year	Prereq.J.H. Band or Instr.consent
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835 FSJE	CHORUS	1 Credit	One Year
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838 FSJE	MUSIC HISTORY AND APPRECIATION: THE EVOLUTION OF MUSIC		1/2 Credit 1 Semester
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This course is designed as an overview of music from the Renaissance through present day popular music. From Palestrina to Beethoven to Imagine Dragons. Students will learn about major composers/artists, pieces/songs, and characteristics of music from 6 eras of musicians throughout history. In addition, students will learn how each of these eras is connected with world history. No prior musical knowledge or experience is necessary for this course.

839 FSJE	MUSIC THEORY: THE BUILDING BLOCKS OF MUSIC	1/2 Credit 1 Semester
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This course is designed to introduce students to the basics of Music Theory and Ear Training. Students will learn to read, write, analyze and understand music on a deeper level than through just listening. Students will also learn to write their own unique music. In addition, students will learn to use their ear to identify concepts such as rhythms and harmonies. No prior musical knowledge or experience is necessary for this course.

ART EDUCATION

990 FSJE	ART 1	1 Credit	1 Year
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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 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.

992 SJE	ART 2	1 Credit	1 Year
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Art II course covers the same topics as Art I, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics and so on), but some courses may focus on only one medium.

994	Art 3
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F-Freshman S-Sophomore J-Junior E-Senior

JE**1 Credit****1 Year**

Art 3 help students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of crafts. Students may explore types of folk art and the materials and ways in which objects have been created for practical, religious, spiritual, and cultural needs of people around the world. These courses may survey a wide range of crafts or may focus on only one type of craft.

DRIVER EDUCATION CURRICULUM

840 **DRIVER EDUCATION** **(Classroom Phase)**
FS **1/4 Credit 1 Quarter**

(PRE-REQ-Received a passing grade in at least 8 courses during Previous 2 semesters or consent of the Superintendent.)

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.

845 **DRIVER EDUCATION (Behind-The-Wheel)** **No Credit**
FS

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.

PHYSICAL EDUCATION CURRICULUM

1 Credit a year Required

850 **PHYSICAL EDUCATION - 1ST SEMESTER**

FSJE

851 **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

150 **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.

152
JE

S.V.E.-WORK

1 Credit 1 Year

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.

