Neoga Jr-Sr High School

2025-2026

Course Description Book and Graduation Requirements

GRADUATION REQUIREMENTS FOR NEOGA HIGH SCHOOL **** adopted 2020-21***

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**
Social Studies:	**2 Credits**
American History- 1	
U.S. Constitution- ½	
Consumer Econ- ½	
Physical Education	**4 Credits**
Science	**2 Credits**

Music, Foreign Language, *or* Vocational education	**1 Credit**
Health Education	**1/2 Credit**
Driver Ed Classroom	**1/4 Credit**
Mathematics	**3 Credits**

****It is STRONGLY recommended that students take 4 YEARS OF MATH**

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**

40 COMMUNITY SERVICE HOURS

Beginning with the Class of 2026, students will be asked to complete *40 hours of community service.* **20 of these hours must be independent** of those accumulated for other sports/club activities (i.e. representing the Music Dept. or FFA at Sooey Fest).

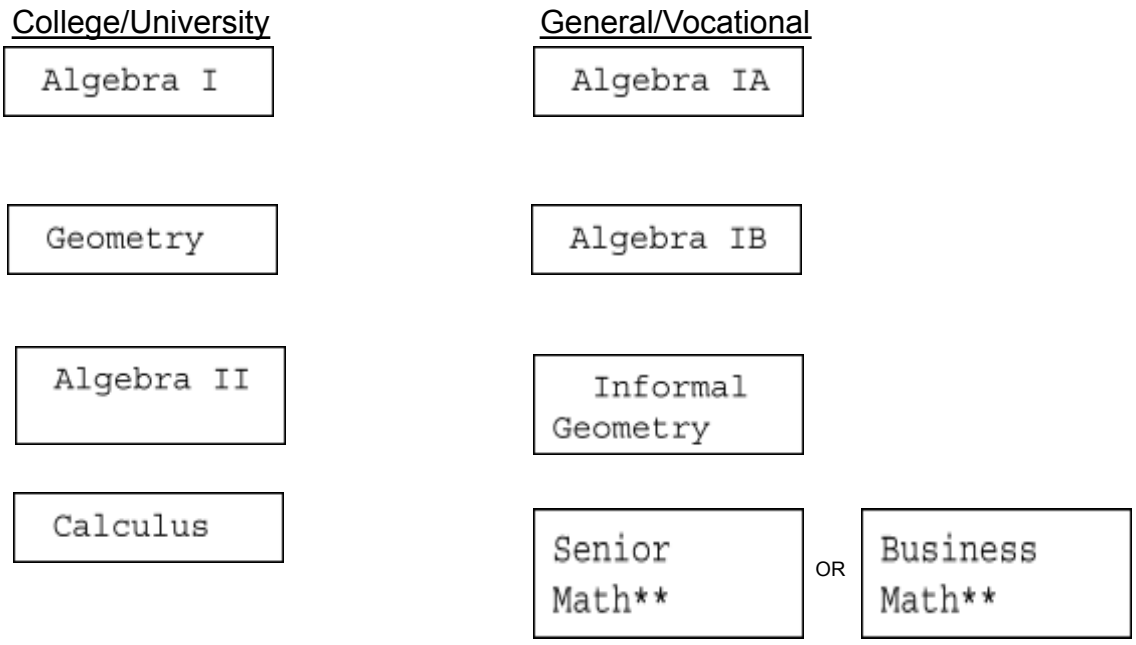
-Volunteer or service hours CANNOT be paid nor work/chores done for an immediate family member.

-Volunteer or service hours CAN include work at: animal shelters, community clean up, Sunday School, Vacation Bible School, food bank, Neoga Days, Hometown Christmas, helping community groups complete service projects (Buck's, Legion, any churches), giving blood, etc.
-If you have questions about what qualifies please ask the Guidance Counselor.

MATH COURSE OPTIONS

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

Below are the sequences for the order in which *courses are recommended*:



*Students will enter Algebra I or Algebra IA based on teacher recommendation and math placement test results. Upon entering high school, students will follow one of the recommended sequences shown above.

**Business Math counts as a math credit ONLY if taken senior year.

CAREER AND TECHNICAL EDUCATION (CTE) CONCENTRATORS

When students take more than one CTE course within a domain, they can 'earn' a concentrator designation. This includes taking an orientation course, introductory course and skill level course. Neoga High School offers the following concentrators in Agriculture and Business.

Business-

- Finance/Accounting
- Business & Administration/ Entrepreneurial (second one due to CEO course).
- Business & Administration/Admin Assistant and Secretarial Science.
- Information Technology -Computer Networking.

Agriculture

- Agribusiness
- Power,Structural and Technical Systems.
- Natural Resource Systems
- Plant Systems.

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, while 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, which means they will need to research their specific school and talk with the Guidance Counselor.* 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

*(*If students have completed two years of the same Foreign Language while in high school, this fulfills most college requirements and students will not have to take a foreign language while in college. If a student has not taken foreign language in high school they will have to complete the equivalent of 2-4 years, depending on the University. University of Illinois requires completion of 3-4 years depending on the major. Be sure to check with the counselor.)*
*(**4 years of math is preferred)*

4 years of English, Math, Science and Social Studies, along with at least 2 years of Foreign Language is preferred by many schools and can set you apart from those that took the minimum requirements.

<u>Additional Enrichment Courses:</u>
Composition I - Composition II - Speech 111

These three courses are general education courses that many two year and most four year degrees require. They are college level courses that are taught at the high school. Taking them in high school means you do not have to take them in college. They will transfer to all colleges/universities in Illinois and many out of state colleges as well. If you have questions about specific out of state colleges please see the Guidance Counselor.

Health Occupations - CEO Entrepreneurship - Manufacturing - CDL - Automotive

These classes offer college credit that is taken during high school and often result in a license which leads directly to employment (CNA, CDL, etc.) and can accelerate their paths in college.

College Majors- any course related to the field of their future career can help build knowledge prior to college (i.e. Human Anatomy and Physiology for those interested in nursing, physical therapy, medicine, etc or Computers and Construction for those interested in Architecture and Design.)

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 aid falls into three categories; scholarships, loans, and grants. The first of these is generally weighed in terms of the academic performance 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 lower interest rate; however, they often require a co-signer.

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 graduation.

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

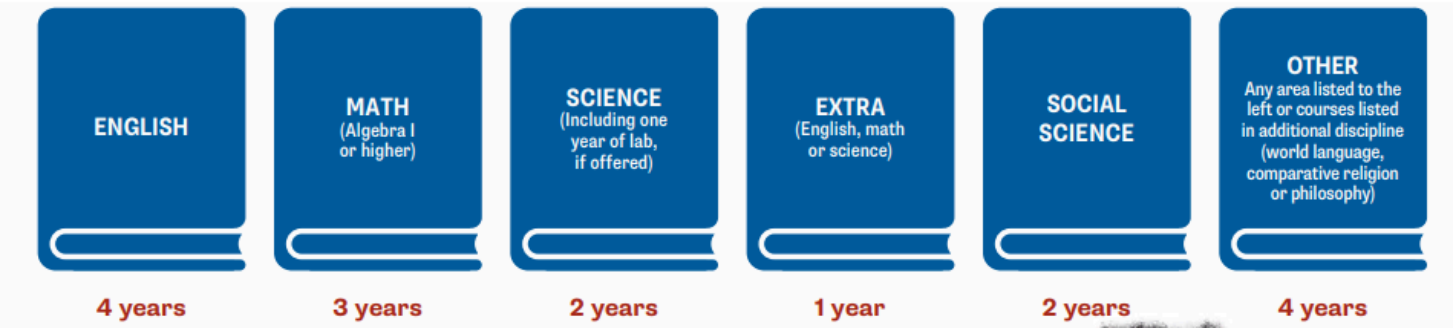
IT IS ALSO RECOMMENDED THAT STUDENTS BE ACTIVE PARTICIPANTS IN THEIR EDUCATION AND KEEP TRACK OF THEIR OWN ACADEMIC PROGRESS AND SCHOOL/COMMUNITY INVOLVEMENT.

NCAA DIVISION I & II ATHLETIC ELIGIBILITY

Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

DIVISION I

1. Earn 16 NCAA-approved core-course credits in the following areas:



Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

DIVISION II

MAKE IT YOURS

1. Earn 16 NCAA-approved core-course credits in the following areas:

Division I- -min core GPA 2.3 /4.0
-complete 10 of 16 courses including seven english, math or science before the start of the seventh semester**see course descriptions to determine which courses qualify

Division II- -min core GPA 2.2 /4.0

**See each course description to identify which subject courses meet the NCAA requirements.

Students who wish to protect their athletic eligibility at a large college should consult with the

school counselor each year during pre-registration.

COURSE DESCRIPTIONS

**The following is an inclusive list of course offerings. Certain courses may not be offered each year due to enrollment numbers.

ENGLISH CURRICULUM

ENGLISH I-01001A000 *NCAA Approved*

9 **1 English 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.

ENGLISH II- 01002A000 *NCAA approved*

10 **1 English 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.

ENGLISH III- 01003A000 *NCAA approved*

11 **1 English 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.

ENGLISH IV -01004A000 *NCAA approved*

12 **1 English 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.

MEDIA STUDY/DIGITAL MEDIA TECHNOLOGY-11151A000

11,12 ½ **English Credit** **1 Semester**

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.
***Must be taken senior year to count as English Credit*

INTRO TO SPEECH- 01151A000- *NCAA approved* **-Dual Enrollment LLC**

12 ½ **English Credit** **1 Semester**

This course focuses on the fundamental principles and methods of selecting, analyzing, organizing, developing and communicating information, evidence, and points of view to audiences.

MODERN PROBLEMS-01102A000 *NCAA approved*

11,12 **(*Satisfies the writing intensive course requirement)*** ½ **English Credit** **1 Semester**

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.
***Must be taken senior year to count as English Credit*

COMPOSITION I -01103A000 **-** *NCAA approved -* **½ English Credit 1 semester**
12 **ACT/Accuplacer min score required & A/B in English III & approval of instructor**

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.

COMPOSITION II --01103A000**-** *NCAA approved-* ***Pre-Req: A/B in Comp I***
12 **½ English 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

SPANISH I -24052A000 *NCAA approved*
9,10,11,12 **1 Credit 1 Year**
Designed to introduce students to Spanish language and culture, Spanish I courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures. This course is not recommended for students who have difficulty in language art skills.

SPANISH II -24053A000 *NCAA approved* **Pre-Req: Spanish I**
10,11,12 **1 Credit 1 Year**
Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

SPANISH III -24054A000 *NCAA approved* **Pre-Req: Spanish I & II**
11,12 **1 Credit 1 Year**
Spanish III courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

MATHEMATICS CURRICULUM

ALGEBRA I -02052A000 *NCAA approved* **Teacher & Placement test results**

9 **1 Math Credit** **1 Year**

(Satisfies the Algebra I course requirement)

This Algebra I 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; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

ALGEBRA IA- 02053A000 *NCAA approved*

9 **1 Math Credit** **1 Year**

The first part in a multipart sequence of Algebra I. This course generally 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.

ALGEBRA I B- 02054A000 *NCAA approved* **Pre-Req: Alg IA**

10 **1 Math Credit** **1 Year**

(Satisfies the Algebra I course requirement)

The second part in a multipart sequence of Algebra I. This course generally 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 quadratics.

GEOMETRY -02072A000 *NCAA approved* **Pre-Req: Algebra**

10,11,12 **1 Math Credit** **1 Year**

(Satisfies the Geometry content requirement)

This Geometry course, emphasizes 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; circles, and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal, etc.

INFORMAL GEOMETRY-02071A000 **Pre-Req: Algebra**

10, 11 **1 Math Credit** **1 Year**

***(Satisfies the Geometry content req-* <u>**does NOT meet the college math requirement)**</u>

Informal Geometry courses emphasize a practical approach to the study of geometry and deemphasize 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; circles; and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal, etc.

ALGEBRA II -02056A000 *NCAA approved* **Pre-Req: Geometry**

11,12 **1 Math Credit** **1 Year**

Algebra II course topics typically include developing an understanding of the relationships between the symbolic, graphic, tabular and verbal representations of functions; utilizing the various representations to interpret function behavior and solve equations; 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; exponential functions; inverse functions; statistical modeling; modeling linear and quadratic data; and operations with rational and irrational exponents.

CALCULUS -02121A000 *NCAA approved* **Pre-Req: B or higher in Algebra II**

12 **1 Math 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).

SENIOR MATH- 02201A001 **Pre-Req: Geometry or Informal Geo**

11,12 **1 Math 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.

BUSINESS MATH- 02154A001

11,12 **1 Math 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.

***Must be taken senior year to count as a math credit.*

SCIENCE CURRICULUM

BIOLOGY -03051A000 *NCAA approved* **Assigned by Teacher & Admin**
9 **1 Science Credit 1 Year**

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. This is a lab based course.

BIOLOGY FOUNDATIONS-03062A000 **Assigned by Teacher & Admin**
9 **1 Science Credit 1 Year**

These courses provide students with a basic understanding of living things. Topics covered may include ecology and environmental problems such as overpopulation and pollution as well as cells, types of organisms, evolutionary behavior, and inheritance. This is a lab based course.

PHYSICAL SCIENCE -03159A000
10 **1 Science Credit 1 Year**

Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as matter, forms of energy, forces, momentum, electromagnetism, and physical and chemical interactions. This is a lab based course.

EARTH/SPACE SCIENCE-03008A000 *NCAA approved*
10,11,12 **1 Science 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. This is a lab based course.

CHEMISTRY -03101A000 *NCAA approved* **Pre-Req: Bio**
10,11,12 **1 Science Credit 1 Year**

Chemistry courses involve studying the composition, properties, and reactions of matter. These courses typically explore such concepts as the properties, behaviors, and classifications of matter; atomic structures and interactions; chemical bonding and compounds; chemical reactions, chemical equations, and stoichiometry; as well as solutions, acids, and bases.This is a lab based course.

11, 12 CHEMISTRY II -03102A000**-** *NCAA approved -* **1 Science Credit 1 Year**

Pre-Req: B or higher in Chem I & Geo
Have taken or are enrolled in Alg II

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 gasses, organic chemistry, thermodynamics, electrochemistry, oxidation-reduction reactions, kinetic theory, and nuclear chemistry.This is a lab based course.

HUMAN ANATOMY AND PHYSIOLOGY-03053A000 *NCAA approved* **Pre-Req: Biology**
11,12 **1 Science Credit 1 Year**

Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals. This is a lab based course.

PHYSICS -03151A000 *NCAA approved* **Pre-Req: Chem & Algebra II**
12 **1 Science Credit 1 Year**

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, kinematics, forces, momentum, and the relationships between matter and energy. The study may also include examination of planetary orbits, sound, light, and electromagnetic phenomena. This is a lab based course.

11,12 **AP BIOLOGY-**03056A000 *NCAA approved* **1 Science Credit 1 Year**
Pre-Req. Bio and Chem (both minimum grade of B)

Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, AP Biology courses emphasize four general concepts: evolution; cellular processes (energy and communication); genetics and information transfer; and interactions of biological systems. For each concept, these courses emphasize the development of scientific inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. AP Biology courses include college-level laboratory investigations. This is a lab based course.

SOCIAL STUDIES/HISTORY CURRICULUM

WORLD GEOGRAPHY- 04001A000 *NCAA approved*
9,10,11,12 **1/2 Social Studies Credit 1 Semester**

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.

WESTERN CIVILIZATION I- 04063A000 *NCAA approved*
9,10,11,12 **1/2 Social Studies 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. Course content typically includes a survey of the major developments in and contributors to art and architecture, literature, religion and philosophy, and culture. The course may also cover intellectual and political movements.

WESTERN CIVILIZATION II-04063A000 *NCAA approved*

9,10,11,12 **1/2 Social Studies 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 Renaissance, development of modern democracy in Europe, nationalism, imperialism, industrialization, and the increasing international interdependence. Course content typically includes a survey of the major developments in and contributors to art and architecture, literature, religion and philosophy, and culture. The course may also cover intellectual and political movements.

U.S. CONSTITUTION-04151A000 *NCAA approved* ***Required***

12 **1/2 Social Studies Credit** **1 Semester**

U.S. Constitution/Government provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

PSYCHOLOGY-04254A000 *NCAA approved*

9,10,11,12 **1/2 Social Studies Credit** **1 Semester**

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology. Students will use reading, writing, and critical thinking skills to discuss and analyze concepts and issues relevant to psychology.

SOCIOLOGY- 04258A000 *NCAA approved*

9,10,11,12 **1/2 Social Studies Credit** **1 Semester**

Sociology courses introduce students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

AMERICAN HISTORY-04101A000 *NCAA approved* **Required**

11 **1 Social Studies Credit** **1 Year**

This course provides 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 and historical developments. Course content may include a history of the North American

peoples before European settlement.

CONSUMER ECONOMICS-19262A000 **Required**

10 **1/2 Social Studies Credit** **1 Semester**

Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. These courses emphasize lifespan goal-setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also investigate the effects of the global economy on consumers and the family.

BUSINESS EDUCATION CURRICULUM

COMPUTER CONCEPTS & SOFTWARE APPLICATIONS -10004A001

9,10,11,12 **1/2 Credit 1 Semester**

This one-semester course will provide students with hands-on operation using word processing, spreadsheet, and communications software. Formatting and production of personal and business correspondence will be covered. During the entire course emphasis will be placed on correct document formatting and proofreading. Students will also explore topics related to computer concepts, operating systems, telecommunications, and emerging technologies. Digital literacy and responsibility will also be covered in this class.

INTRODUCTORY BUSINESS CONCEPTS-12051A001

10,11,12 **1/2 Credit 1 Semester**

This one semester course covers an array of topics and concepts related to the field of business. Topics covered include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration, and production). An overview of the American economic system and corporate organization, as well as the role of government in business, consumerism, credit, investment and management will be covered. Business ethics as well as other workplace skills will be taught and integrated within this course.

INFORMATION PROCESSING I with Microsoft Office-10005A001

9,10,11,12 **½ Credit 1 semester Pre-Req:Comp. Concepts**

This is a one semester course designed to provide students with hands-on experience in the use and applications of word processing, spreadsheet, database management, presentation, and desktop publishing software using Microsoft Office. During the entire course, emphasis will be placed on correct document formatting and proofreading. Workplace skills as well as communication skills (thinking, listening, composing, revising, editing and speaking) will be taught and integrated throughout this course and digital literacy and responsibility will also be emphasized.

BUSINESS MATH- 02154A001

11,12 **1 Math 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. **This course counts as a math credit if taken as a senior.

BUSINESS LAW- 12054A001

11,12 **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.

ACCOUNTING I/II- 12104A001/12104A002

11,12 **1 Credit 1 Year**

Accounting 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.

CEO REGIONAL ENTREPRENEURSHIP CLASS- 12053A001/12051A001

11,12 **2 Credits 1 Year**

CEO-Creating Entrepreneurial Opportunities is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Application is required and selection is made by the CEO Committee. Students must provide their own transportation. This course covers the basics of conceptualizing, starting, and running a small business. Concepts, such as supply and demand, cost/benefit analysis, competitive advantage, and opportunity recognition, will be covered. In addition, coursework will include: innovative thinking strategies, product development, business structure, marketing, financial strategies, and record keeping. Students will work in teams to create business plans. Skills such as preparing an income statement, balance sheet. Income and cash flow statements will also be taught. Entrepreneurial thinking (outside-the-box problem solving) will be utilized throughout the course. Various business owners from Effingham and Cumberland County will be invited into the class in the role of either guest speaker or as business consultants to advise the students. Students will have opportunities for job shadowing and business mentor relationships. Students will present their business plans to an advisory team. Class will meet

90 minutes per day, 5 days a week. Students and parents interested in this program should contact the Guidance Counselor for further details.

**Students have the opportunity to earn dual credit in LLC Business 120 (Business Career Development) and Business 142 (Introduction to Business)- 3 credit hours each.

AGRICULTURAL EDUCATION CURRICULUM

INTRODUCTION TO THE AGRICULTURE INDUSTRY -18001A001

9,10,11,12 **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, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Students will learn about FFA History, Structure, parliamentary procedure, leadership skills and public speaking. 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/ ANIMAL SCIENCE- 18003A001/18101A003

10,11,12 **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. Second semester introduces students to the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry and provides them with basic animal science knowledge that can be further developed in advanced animal science courses. Major units of instruction include animal science careers, animal anatomy and physiology, animal reproduction, animal nutrition, genetics, animal health, small and large animal care, and meat science. Improving computer and workplace skills will be a focus. Curriculum is further enhanced with numerous labs and hands-on experiences, FFA student organization activities and Supervised Agricultural Experience (SAE) projects.

AGRICULTURAL MECHANICS I- 18401A001

10,11,12 **1 Credit 1 year**

IIn 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 shop safety, hand and power tool knowledge, fasteners, basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, basic plumbing, concrete, welding, construction, 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 MECHANICS II/AG WELDING-18402A001/18404A001

11,12 **1 Credit 1 Year Pre-req: Ag Mech I**

This course will concentrate on expanding student's knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are design, construction, fabrication, maintenance, welding, electricity/electronics, internal combustion engines, hydraulics, and employability skills. Careers of agricultural construction engineer, electrician, plumber, welder, equipment designer, parts manager, safety inspector, welder, and other related occupations will be examined. This course will also emphasize the development of basic welding skills necessary to succeed in the agricultural metal fabrication industry. Topics of instruction include: welding safety, metal identification and properties, joint design and terminology, metal preparation, use of oxy-acetylene torch , Stick Metal Arc Welding (SMAW) focusing on the flat and horizontal position, Gas Metal Arc Welding (GMAW), project design and construction. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

HORTICULTURE SCIENCE/GREENHOUSE PRODUCTION-18052A001/18053A001

10,11,12 **1 Credit 1 Year**

This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in advanced horticulture courses. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. This course also provides advanced agriculture students a technical understanding and working knowledge of the greenhouse industry. Topics include safety, plant physiology, plant nutrition, integrated pest management, and greenhouse business concepts. Students will gain knowledge and skills related to the care and management of gardens and greenhouses. Agribusiness units will be introduced in merchandising, advertising, sales, and operating a greenhouse business. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

AGRICULTURAL CONSTRUCTION- 18403A001

11,12 **1 Credit 1 Year**

This advanced course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction in the agricultural industry. Major units of instruction include personal safety, hand tools, power tools, blueprint reading, surveying, construction skills in carpentry, plumbing, electricity, concrete, block laying, drywall, and painting. Careers such as agricultural engineers, carpenter, plumber, electrician, concrete and block layers, finishers, safety specialists, and other related occupations will be examined. 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.

AGRICULTURAL BUSINESS AND MANAGEMENT/AG SALES-18201A001/18202A001

11,12 **1 Credit** **1 Year**

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.

NATURAL RESOURCES AND CONSERVATION/HUNTER SAFETY- 18504A002/18505A001

10,11,12 **1 Credit** **1 Year**

This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife, prairies, and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education (including the Hunter Safety course components) will be featured. Career exploration will be discussed including: park ranger, game warden, campground manager, forester, conservation officer, wildlife manager, and related occupations. 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.

HEALTH AND NURSING CURRICULUM

HEALTH EDUCATION-08051A000

9,10 **1/2 Credit** **1 Semester**

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

REGIONAL HEALTH OCCUPATION- 14051A001/14002A002/14254A002

11,12 **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 or St. Anthony Hospital. Students will attend class at the specified location while reviewing the course content to sit for the CNA exam. Later in the year, students will complete clinical rotations at various local locations. 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 and policies; medical and professional ethics; and care of various kinds of patients. Students and parents must make arrangements for the student's transportation to and from the hospitals/ clinical rotations. Students and parents interested in this program should contact the Guidance Counselor for further details.

MUSIC EDUCATION

BAND-05102A000 **1 Credit 1 Year**

9,10,11,12 **Prereq.J.H. Band or Instr.consent**

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 and also include experiences in creating and responding to music.

CHORUS- 051101A000 **1 Credit 1 Year**

9,10,11,12 Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

MUSIC HISTORY AND APPRECIATION: THE EVOLUTION OF MUSIC- 05116A000

9,10,11,12 **1/2 Credit 1 Semester**

Music History/Appreciation courses survey different musical styles and periods with the intent of increasing students' understanding of music and its importance in relation to the human experience. Music History/Appreciation courses may focus on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

MUSIC THEORY: THE BUILDING BLOCKS OF MUSIC- 05113A000

9,10,11,12 **1/2 Credit 1 Semester**

Music Theory courses provide students with an understanding of the fundamentals of music and include the following topics: composition, arranging, analysis, and aural development.

ART EDUCATION

ART 1-05154A000

9,10,11,12 **1 Credit 1 Year**

Art I provides students with an introduction to multiple art forms and an opportunity to create individual works of art. This course provides exploration of processes of design, knowledge of elements and principles supporting a work of art. Although Art 1 focuses on creation, major artists, art movements and styles, students are encouraged to advance and further develop their own artistic styles.

ART 2- 05156A000

10,11,12 **1 Credit 1 Year**

Art II further develops the concepts covered in Art I, with more emphasis on drawing and design. In keeping with this attention on two-dimensional work, students typically work with several media including ink, graphite, charcoal and watercolor.

Art 3- 05155A000

11,12 **1 Credit 1 Year**

Art III helps students apply fundamental processes of artistic expression to the media and aesthetics of crafts.This course will introduce digital art, genre specific art, and an emphasis on painting.

Art 4-55197A000

12 **1 Credit 1 Year**

As a pre-approved independent study, Art IV students will select a particular art form or topic to expand their expertise and style, thereby advancing their skill level. This course will allow students to create, critique, and present artwork that clearly reflects obtained technical skills and interests.

DRIVER EDUCATION CURRICULUM

DRIVER EDUCATION- 08151A000 **(Classroom Phase)**

9,10 **1/4 Credit 1 Quarter**

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

Drivers' Education—Classroom Only courses provide students with the knowledge to become safe drivers on America's roadways. Topics in these courses include 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). 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.

DRIVER EDUCATION (Behind-The-Wheel)

9,10 **No Credit**

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. 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.

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

PHYSICAL EDUCATION - 08001A000

9,10,11,12

Students must be enrolled in Physical Education each semester.
Any student excused from P.E. must have a written waiver signed by the principal.
Waivers are not available to freshman or sophomores.. **Students will be required to dress for PE.

STUDY/WORK

CAREER EXPLORATIONS- 22151A001 **1/4 Credit 1 Quarter**

9

Career Exploration is a nine-week class set up to help students identify and evaluate personal goals, priorities, aptitudes and interests, with the goal of helping them make informed decisions about careers. In addition, students will also work on employability essential skills with the goal of making them a more desirable employee.

COOPERATIVE EDUCATION WORKPLACE EXPERIENCE (CO-OP)-18998A003/12098A002

12 **1 Credit 1 Year**

The cooperative work experience allows for students to earn credit for work experiences in the community. Students should be employed at least 12 hours per week and attendance is of the utmost importance. Only students with good attendance will be considered for the program. Students will be expected to complete weekly check-ins and students and employers should be in compliance with all federal, state and local laws and regulations. **This course is offered as pass/fail and does not count towards GPA

S.V.E.-Class/Work/Secondary Transition Experience-22151A003

10,11,12 **2 Credits 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.

DUAL CREDIT/DUAL ENROLLMENT COURSES- must be a JUNIOR or SENIOR

*College Credit is earned through Lake Land. **Additional costs per course. ***see previous descriptions

-**Dual Credit- Composition I/II**- semester each. Taught by high school faculty. Counts as senior English credit.

-**Dual Enrollment- Speech Communications**- semester. Taught by Lake Land faculty.

-Dual Enrollment- Regional Health Occupations- full year- Taught by EIEFES faculty. Earns Lake Land credit

-**Dual Credit- Regional Entrepreneurship Course (CEO)**- full year- Facilitated by non high school faculty. earns Lake Land college credit.