

AGRICULTURAL EDUCATION

Students enrolled in any of the Agricultural Education courses must be an FFA member and conduct and maintain a Supervised Agricultural Experience Program (SAE). A student may earn up to 1 credit of science in the following agricultural education class: Agriculture, Food and Natural Resources, Animal Anatomy and Physiology, and Agronomic Systems (as offered).

Agriculture, Food and Natural Resources #7100

Prerequisite: First class for all other classes.

Grades 9-12 Course Type: Elective Credit: 1 *Science 1/2 Length: Year

Fee: TBA and FFA Dues

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Mechanical Principles #7130

Grades 9-12 Course Credit 1 Length: Year

Fee: TBA and FFA Dues

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Business Management for Agricultural and Environmental Systems #7120

Grades 11-12 Course Credit 1 ¼ Science Credit ½ Length: Year

Prerequisite: Agriculture, Food and Natural Resources, Upper classmen preferred

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students

will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Livestock Selection, Nutrition and Management

Grades: 10-12

Course Credit: 1

Course Length: Year

Prerequisite: AFN

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

Agricultural and Environmental Systems Capstone

Grade: 12

Course Credit: 1

Course Length: Year

Prerequisite: Business Management

*This option is only for seniors wanting to explore work release option.

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

ART

Fundamentals of Art (Art I) #0100

Grades: 9-12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: None

Students will create artwork based on a time period, movement or artist in a chronological Art History timeline. Students will sample 2D and 3D mediums including but not limited to: graphite, charcoal, chalk, ink, oil pastel, conte crayon, watercolor, acrylic, plaster, paper mache, printmaking, photography and computer technology and much more. Students will demonstrate knowledge with large projects, weekly sketchbook assignments, art proposals, individual as well as full class critiques, and PowerPoint presentation. Subject matter includes still life, human figure, portrait, landscape and imaginative subject matter.

Students are expected to express their knowledge of the elements and principles of design in their work and through oral and or written analysis. Emphasis is on drawing from direct observation and on the creation of original images. Students keep a portfolio of their work. Painting and printmaking, during the second semester, provides students with a variety of experiences to improve their knowledge and application of color theory through art production and analysis. Fundamentals of Art (Art I) is a prerequisite for other art classes.

Drawing and Painting #0110

Grades: 10-12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: Fundamentals of Art (Art I)

Students will explore various areas of 2D drawing and painting including but not limited to; still life, gesture drawing, portraits, landscapes, color theory, the Elements of Art, texture, animals, simplification and much more. Students will sample mediums such as; graphite, chalk, pastel, conte crayon, charcoal, pen and ink, watercolor, acrylic, oil paint and more. A diversity of art movements and genres will be addressed, including but not limited to; Abstract, Impressionism, Realism, and Expressionism. Students will demonstrate knowledge with large projects, sketchbook assignments, art proposals, critiques and power point presentation.

Students will learn to create the illusion of three-dimensional form on a two-dimensional surface. Students are expected to express their knowledge of the elements and principles of design in their work and through oral and/or written analysis. Emphasis is on drawing from direct observation and on the creation of original images. Students keep a portfolio of their work. Emphasis is placed on rendering from observation and the creation of original images. Sketchbook assignments to be completed as homework are required.

Graphic Arts #0121

Grades: 10-12

Credits: 1/2

Course Type: Elective

Length: Semester

Prerequisite: Foundations of Art (Art I)

Graphic art, covered during the first semester, provides opportunities in career exploration in a variety of graphic art fields. Digital art will be covered and allows students to learn the computer as a creative tool for both the visual and graphic artist. It develops the students' ability to use technology for visual communication. Digital art is dedicated exclusively to the exploration of this electronic medium as a fine art form and promotes technology not as an end in itself, but rather as a potentially powerful tool for solving creative problems.

Students will explore areas of Digital Design such as; company logos, magazine advertising, book illustrations, t-shirt and clothing design, business cards, textile patterns, digital painting, photo editing and more. Programs utilize include; PowerPoint, Word, Vista Print, Adobe Photoshop, Tee-Fury, Shirt-Punch and more. Students will demonstrate knowledge with large projects, weekly sketchbook assignments, art proposals, critiques, and PowerPoint presentations.

Sculpture #0122

Grades: 10-12

Credits: ½

Course Type: Elective

Length: Semester

Prerequisite: Foundations of Art (Art I)

Students will work to create 3D artworks while exploring several mediums including but not limited to; ceramics, recycled objects, fabric, yarn, plaster, wire, paper mache and foam. Students will work in several sculpture genres such as; pottery, assemblages, installations, mobiles/ suspended art and much more. Students will demonstrate knowledge with large projects, weekly sketchbook assignments, art proposals, critiques, and PowerPoint presentations. Sculpture gives students the opportunity to develop skills and solve problems related to the three-dimensional aspect of sculptural art. Students are expected to use their knowledge of the elements and principles of design to solve three-dimensional problems.

Advanced Visual Art (Senior Seminar) #0130

Grades: 12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: Fundamentals of Art (Art I), and at least one more year, Senior Standing or Art teacher recommendation

This course provides flexibility in planning an independent program for the highly motivated, honors, or the senior student. This course is for students who have taken at least two years of Art and who have identified art as an area in which they have strength and abundant interest.

Students will work on self-guided and proposed projects based on the Art History chronological timeline, thus exploring well known and upcoming artists, Contemporary and historic art movements and genres, while working with various 2D and 3D mediums. Students will work to create and complete a physical and digital portfolio as well as individual and classroom critiques, PowerPoint presentations, sketchbook assignments and large projects/ series.

Students who elect this course should regard the course as part of a yearlong process to complete an art portfolio that might be submitted for art school and/or college admission. Opportunities to help students develop depth, breadth and quality in creating artworks will be provided through the investigations of ideas and art problems, and the exploration and experiences in a variety of media. Students have the option of submitting their portfolios for review by the college of their choice. Scholarship opportunities in the visual arts are outlined and promoted.

BUSINESS

Accounting I #8150

Grades: 9-12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: None

The study of Accounting provides specific opportunities for everyone to learn the language of business. This course may equip one to be an accounting clerk or help a pupil discover whether one has an aptitude for accounting as a profession. Math skills are not required, but simple division, multiplication, addition and subtraction are needed.

Accounting II #8160

Grades: 10-12

Credit: 1

Course Type: Elective

Length: Year

Recommended: Accounting I (with a C or better semester average)

This course is designed primarily for students with determined career objectives in the accounting profession.

1. To become accounting assistants upon graduation from high school.
2. To go to college to major in accounting or some phase of business administration.
3. To understand better the relationship between automated data processing and processing of accounting data.

ENGLISH

English I #2100

Grade: 9

Credit: 1

Course Type: Required

Length: Year

English I will consist of the study and practice of grammar, speech skills, reading skills, and composition. Students will write a variety of compositions and read a variety of literature. Students will study research materials and vocabulary development. Students will study the elements of a short story, poetry, drama, essay, biography, autobiography, and novel. Students will participate in Accelerated Reader.

English II #2120

Grade: 10

Credit: 1

Course Type: Required

Length: Year

Students will continue to develop and master skills in oral communication, grammar, literary analysis, vocabulary, and library research. Reading assignments will consist of informational text, literature, poetry, and drama. Writing instruction and practice will focus on analytical, informative, narrative, and argumentative pieces. Technology will be integrated into the course through various Web 2.0 tools and online submission of writings. Accelerated Reader is a required component.

English III CP #2150

Grade: 11

Credit: 1

Course Type: Recommended for students who plan to attend college

Prerequisite: English I & II

Length: Year

English III CP covers American literature from the 1600's to modern day with an emphasis on the writings of the eighteenth, nineteenth, and twentieth centuries. The course includes various writing assignments, ranging from informal responses to research papers, such as a career-oriented unit. Students will be expected to implement proper MLA format in assignments. Group projects will be utilized throughout the course. In addition, students will be exposed to the English and Reading sections for the ACT.

English IV CP #2170

Grade: 12

Credit: 1

Course Type: Recommended for students who plan to attend college

Prerequisite: English I, II & III

Length: Year

This course will consist of the study of the writing process and will incorporate a variety of literature, specifically British literature. Students will read a variety of literature (essays, articles, editorials, novels, etc.) that will spark writings, projects, and class discussions. Students will be expected to implement proper MLA citations and formation in the informal and formal assignments that are academic and real-world applicable. Groups and individual products will be created.

English III/IV #2140 / #2160

Grade: 11-12 Credit: 1 Course Type: Required Length: Year

Prerequisite: English I & II

This literature of the course will follow the literature of the English III CP or English IV CP depending on the course rotation. English III/IV will focus on basic grammar and literature, which will include but not limited to American literature one year and British literature the other year. Students will be required to write a variety of short formal and informal compositions. Students will create a variety of projects that will prepare them for experiences beyond the classroom. Also students will develop and complete a career-oriented unit. Group and individual products will be created.

Integrated English Language (Speech) #2111 or #2112

Grades 11-12 Credit: ½ Course Type: Elective or Credit Recovery Length: Semester

This course will consist of the study of the speech making process. In doing so, the writing process as well as the research process will be stressed. The students will write and speak for different purposes. Students may prepare speeches on self-selected topics and/or teacher appointed topics that may/may not include research. An emphasis on self-awareness and how to present oneself in front of others will be stressed. Students will also be required to analyze the rhetoric of various writings and speeches.

Career Connections

Grades 11-12 Course Credit .5 Course Type: Elective Length: Semester

This course is designed to help students find their college and/or career path. The course will include researching career interests and developing a student career pathway. Students will participate in job shadowing experiences. Students will also learn soft skills needed to obtain and retain a job. Interviewing skills and techniques will also be covered. Students will also look at being financially responsible as a young adult.

Explorations in Literature and Creative Writing

Grades 9-12 Course Credit 1 Course Type: Elective or Credit Recovery Length: Year

This course offers students the opportunity to read and enjoy a variety of literature as well as develop the skills essential in writing creatively through many writing genres. Literature study will include classic and/or contemporary pieces. Writing activities may include poetry, memoirs, narratives, book reviews, and short stories through implementation of a writer's workshop.

FOREIGN LANGUAGES

Spanish I #3130

Grades: 9-12 Credit: 1 Course Type: Elective Length: Year

Spanish I introduces the student to the Spanish language and culture. The student will develop basic communication skills in Spanish including listening, speaking, reading and writing. Emphasis is also placed on culture including customs, values and contributions of Spanish speaking people to our world.

Spanish II #3140

Grades: 10-12 Credit: 1 Course type: Elective Length: Year

Prerequisite: Successful completion of Spanish I (grades lower than a C requires teacher permission.)

Spanish II continues building on language communication skills and culture but at a higher level. Reading, writing and speaking in the present and past tenses (and in Spanish) is the emphasis. The students also improve speaking fluency and listening comprehension. The goal is being able to survive and communicate in a Spanish-speaking country.

Spanish III #3150

Grades: 11-12 Credit: 1 Course type: Elective Length: Year

Prerequisite: Successful completion of Spanish II (grades lower than a C requires teacher permission.)

The students reinforce previously learned skills through application of the language. Speaking is highly encouraged, longer reading passages are studied, and advanced writing skills are implemented. Students will be able to communicate in Spanish fifteen different tenses which are comparable to realistic speaking in English. Culture is tied in for better understanding of traditions, beliefs, and customs.

Spanish IV #3160

Grade: 12 Credit: 1 Course type: Elective Length: Year

This course is designed for the serious Spanish student who can work independently and wants to further develop Spanish skills for college. Grammar is reinforced; conversation highly emphasized and reading includes short novels. This course is loosely structured to allow for current topics and interests of the class

French IV #3123

Grade: 12

Credit: 1

Course type: Elective

Length: Year

COURSE IS ONLY OFFERED ONLINE

This course is designed for the serious French student who can work independently and wants to improve French skills for college. Grammar is reinforced and reading includes short novels. French IV is offered on demand and may be combined with another class in the same room and period.

INDUSTRIAL TECHNOLOGY

Industrial Technology I #7140

Grades: 9 -12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: None

Lab Fees: There will be a materials cost involved

Students will be introduced to the seven areas of technology; agriculture/biotechnology, communications, construction, medical, manufacturing, power/energy, and transportation. Drafting skills will be introduced to understand and create working drawings. Students will then study the principals of good design before designing a product to be mass-produced. Students will go through a comprehensive written and hands-on safety test to learn to use power tools and machines safely. Students will then work on a hands-on problem solving based project in the lab. Laboratory exercises are required on a daily basis and are very important in grading. Students must pass the safety test in order to use any power equipment. There is a lab fee and material fee.

Industrial Technology II #7150

Grades: 10 -12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: Industrial Technology I

Lab Fees: There will be a materials cost involved

Students will conduct a thorough study of the seven areas of technology; agriculture/biotechnology, communication, construction, medical, manufacturing, power/energy, and transportation. Students will learn to use power tools, machines and study processes used in the making of a wood product. Drafting skills will be reviewed to understand and create working drawings. Students will then study the principals of good design before designing a product to be mass-produced. The entire class will work together as a manufacturing plant for the final product. Laboratory exercises are required on a daily basis and are very important in grading. Students must pass the safety test in order to use any power equipment. There is a lab fee and material fee.

Industrial Technology III #7160

Grades: 11-12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: Industrial Technology II or III

Lab Fees: There will be a materials cost involved

Students will produce a comprehensive report/presentation on the seven areas of technology: agriculture/biotechnology, communication, construction, medical, manufacturing, power/energy, and transportation. Students use more advanced skills/techniques in power tools, machines and study processes used in the making of a wood product. Drafting skills will be enhanced in creating more detailed drawings.

Students will then implement the principals of good design before designing an individual product to be produced. Laboratory exercises are required on a daily basis and are very important in grading. Students must pass the safety test in order to use any power equipment. There is a lab fee and material fee.

Drafting I (Technical Drafting) #7171

Grades: 9-12

Credit: ½

Course Type: Elective

Length: Semester

Prerequisite: Algebra I and/or Geometry

A beginning course in Technical Drawing which shall include the following units: Mechanical Drawing, Lettering, Geometry of Technical Drawing, Dimensioning, Sectional Drawing, Auxiliary Drawing, and Working Drawings. Drafting is a course that teaches self-discipline and hand-eye coordination in the consistent use of pencil and drafting tools. Problem solving skills are augmented using concentration and visual thought. Individual projects of Architectural design may also be included as time is available. Completion of Geometry is very helpful, as are strong math skills. There is a lab fee.

Drafting II (Computer Aided Drafting -CAD) #7172

Grades: 9-12

Credit: ½

Course Type: Elective

Length: Semester

Prerequisite: Technical Drafting

Advanced drafting class designed for the student interested in field of technology, engineering, drafting, and design. The drawings created will be generated using the computer. Computer aided drawing (CAD) is fast and efficient. It is rapidly replacing the handmade drawing. Individual projects of design may also be included as time is available. Completion of Geometry is helpful, as are strong math skills. There is a lab fee.

MATHEMATICS

Math I - IV (Math I #4010, Math II #4210, Math III #4310, Math IV #4410)

Grades: 9-12 Credit: 1 Course Type: Fulfills Math Requirement Length: Year

Prerequisite: None

This course covers content ranging from Pre-Algebra, Algebra I, Algebra II, or Geometry. The curriculum is based on each student's needs to provide individualized instruction using the Accelerated Math program.

Exploring Algebra #4000

Grades: 9-10 Credit: 1 Course Type: Fulfills Math Requirement Length: 1 year

Prerequisite: None

This course is designed to develop a strong Algebra base. Students will focus on order of operations, solving equations, functions, ratios and rates, proportions, percents, as well as algebraic uses in geometry (basic trigonometry, right triangles, area, volume, etc). A scientific calculator is recommended for this course.

Algebra I #4110

Grades 9-12 Credit: 1 Course Type: Fulfills Math Requirement Length: Year

Prerequisite: Pre-Algebra

Students will apply and strengthen their understanding of concepts learned in Pre-Algebra. Topics including expressions, equations, percents, probability, data analysis, polynomials, properties of real numbers, functions, basic trigonometry and geometry, graphing, factoring, slope, and distances will help students to discover how and where Algebra applies in their world. A scientific calculator is recommended.

Algebra II #4300

Grades 9-12 Credit: 1 Course Type: Fulfills Math Requirement Length: Year

Prerequisite: Algebra

In Algebra II, students use their Algebra foundations to broaden the amount and types of world application problems they can solve. As well as reviewing and strengthening Algebra concepts, Algebra II adds inequalities, systems of equations, polynomial graphing, statistics, conic sections, polynomial functions, and the complex number system. A scientific calculator is required.

Algebra II, CP #4130

Grades 9-12 Credit: 1 Course Type: Fulfills Math Requirement Length: Year

Prerequisite: Algebra

In College Prep Algebra II, students use their Algebra foundations to broaden the amount and types of world application problems they can solve. As well as reviewing and strengthening Algebra concepts, Algebra II CP focuses on inequalities, systems of equations, polynomial graphing, statistics, conic sections, polynomial functions, and the complex number system. *This course takes a more in depth look at each of these concepts to build a foundation for more advanced mathematics courses.* (A TI calculator is required, recommend TI 83 or 84)

Geometry #4120

Grades 9-12 Credit: 1 Course Type: Fulfills Math Requirement Length: Year

Prerequisite: Algebra I

The major objective of Geometry is to learn to reason logically through both inductive and deductive reasoning. Through proofs, students begin to create solid arguments demonstrating such reasoning. Topics are pieced together to get a full representation of the world around them. These topics include angles, perpendicular and parallel lines, polygons (with a focus on triangles and quadrilaterals), circles, areas, volumes, transformations, congruence, and similarity.

Pre-Calculus #4141

Grades: 11-12 Credit: 1/2 Course Type: Fulfills Math Requirement Length: Semester

Prerequisite: Algebra 2 CP and Geometry (with a grade of C or better in both courses)

Pre-Calculus is an advanced mathematics course that will push students to explore algebra and geometry further. Polynomials, complex numbers, exponents and logarithms will be reviewed, and binomial expressions, sequences, and matrices will be topics discussed. Students should have a graphing calculator (TI 83 or 84 recommended) or access to graphing capabilities online.

Trigonometry #4142

Grades: 11-12 Credit: ½ Course Type: Fulfills Math Requirement Length: Semester

Prerequisite: Algebra 2 CP and Geometry (with a grade of C or better in both courses)

Trigonometry is the study of angles and triangles. This is an advanced mathematics course that will be necessary for the ACT and Calculus, as both rely heavily on a good understanding of trigonometry. Angles, arcs, sectors, regular and inverse functions, triangles, and basic properties will be discussed as well as extending this knowledge to vectors. Students should have a graphing calculator (TI 83 or 84 recommended) or access to graphing capabilities online.

Probability

Grades 11-12 Credit: ½ Course Type: Fulfills Math Requirement Length: Semester

Prerequisite: Must have taken 2 years of Algebra and earned a C or better in both classes.

This course is an introduction to the study of probability including areas such as conditional probability, series of independent events, and mutually exclusive events. The students will develop skills that allow them to gather, organize, summarize, and display data. They should be able to draw conclusions or make predictions from the data and assess the relative chances for certain events happening. Basic concepts will be covered to prepare the student to take a college level probability course in the future and give students a working knowledge of real world applications. Students should have a scientific or graphing calculator (TI 83 or 84 recommended) or access to graphing capabilities online.

Statistics

Grades: 11-12 Credit: ½ Course Type: Fulfills Math Requirement Length: Semester

Prerequisite: Must have taken 2 years of Algebra and earned a C or better in both classes.

This course is an introduction to the study of statistics including areas such as scatter plots, standard deviation, mean, median, and mode. The students will develop skills that allow them to gather, organize and summarize and display data. They should be able to interpret information from graphical and tabular displays, apply appropriate statistical models to infer information from data, and learn to use technology in solving statistical problems. Basic concepts will be covered to prepare the student to take a college-level probability course in the future and give students a working knowledge of real world applications. Students should have a scientific or graphing calculator (TI 83 or 84 recommended) or access to graphing capabilities online.

Calculus #4180

Grades: 12 Credit: 1 Course Type: Fulfills Math Requirement Length: Year

Prerequisite: Algebra I, Geometry, Algebra II CP, Pre-Calculus, and Trigonometry (C or better in all courses)

Calculus is a college preparatory course for advanced mathematics students. This class will focus on limits and derivatives the first semester; second semester will explore the application of derivatives as well as integration. Exponential, logarithmic, and trigonometric functions are prominently used throughout this course. Students should have a graphing calculator (TI 83 or 84 recommended) or access to graphing capabilities online. Course will be taught with the NSCC course.

NSCC Calculus, College Credit Awarded #4190

Grades: 12 Credit: 1 & College Credit Course Type: Fulfills Math Req. Length: Year

Prerequisite: Algebra I, Geometry, Algebra II CP, Pre-Calculus and Trigonometry (C or better in all courses). Meet Accuplacer or ACT requirements to be enrolled through NSCC.

College credit will be awarded on successful completion (C average) of this course through Northwest State Community College. Our staff, trained by the NSCC professors, will teach the course here at Lincolnview in regular school day.

Calculus is a college preparatory course for advanced mathematics students. This class will focus on limits and derivatives the first semester; second semester will explore the application of derivatives as well as integration. Exponential, logarithmic, and trigonometric functions are prominently used throughout this course. Students should have a graphing calculator (TI 83 or 84 recommended) or access to graphing capabilities online.

MULTIMEDIA

Educational Media (Yearbook) #2200

Grade: 9-12 Credit: 1 Course Type: Elective Length: Year

Prerequisite: Application including teacher recommendation must be submitted to yearbook advisor. Class limited to 12 students.

Yearbook is different from other courses offered at Lincolnview High School. The effort that students put into this class will be seen by classmates, parents, and other community members in the form of a finished product. This will be a learning experience as students assume various roles; yearbook develops skills in areas such as photography, design, writing, editing, time management, marketing and sales. Yearbook staff members must be willing to attend various school events and to participate in advertisement and book sales.

NSSC Computer Applications #2231/2232

Grades: 9-12 Credit: 1 & College Credit Course Type: Elective Length: semester

Prerequisite: Satisfactory Score on Course Placement Tests

This course is a basic course in which the student learns to operate the personal computer using four components of Microsoft Office software: Microsoft Word, Excel, Access, and PowerPoint. All the basic program functions will be covered for each package, as well as many advanced functions. A basic knowledge of the keyboard is helpful. Transfer Assurance Guide (TAG) approved effective spring 2008 (OBU003 - Computer Applications).

Computer Applications HS Credit #2233/2234

Grades: 9-12 Credit: .5 Course Type: Elective Length: Semester

This course is a basic course in which the student learns to operate the personal computer using four components of Microsoft Office software: Microsoft Word, Excel, Access, and PowerPoint. All the basic program functions will be covered for each package, as well as many advanced functions. A basic knowledge of the keyboard is helpful. Transfer Assurance Guide (TAG) approved effective spring 2008 (OBU003 - Computer Applications).

MUSIC

High School Choir #9110

Grades: 9-12

Credit: 1

Course Type: Elective

Length: Year

The purpose of the choir is to help the student develop his or her singing voice to the extent that he or she would feel comfortable using their talent after they leave the classroom and to develop an appreciation of many styles and types of music. Techniques studied include, correct breathing, posture, vowel formation and tone production.

SCHEDULED REQUIRED PERFORMANCES INCLUDE: Fall concert, winter concert, choir adjudicated events, spring concert, and Graduation. Other opportunities include district choir, solo and ensemble adjudicated events and All-State Choir. Opportunities for small group performances may be given as public performances are scheduled. The director will assist in selecting students for these performances. Evaluation and grades are effected by attendance at these performances.

Select Ensemble

Grades 10-12

Credit 1

Course Type: Elective

Prerequisite: Audition required

This is a performing organization of the LHS Choral Department with an emphasis on excellent ensemble singing and individual vocal development. A wide variety of choral literature will be performed and may include a cappella, barbershop, pop, and madrigal music. Only the most dedicated and serious vocalists with vocal maturity will be considered for membership. Attendance at various public performances will be a requirement. A few extra rehearsals may be called after school before a performance. Evaluation and grades are effected by attendance at performances. Class size is limited.

Band (Senior High) #9100

Grades: 9-12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: Junior High Band or by Audition

The purpose of the high school band is to develop the skills of each individual member to their full potential. The objective of this course is to develop an appreciation of all types of band music and an enjoyment of music in general.

Students must participate in all phases of the class activity, unless approved by the director and principal, including marching band, concert band, pep band, and may be asked to participate in OMEA solo and ensemble as well as OMEA and area college/university Honor Bands.

Attendance is mandatory for all concerts and rehearsals including those not held during the school day. Required performances will include, but not be limited to, OMEA marching events, Van Wert Fair Show, Christmas concerts, pep band events / basketball games, OMEA solo and ensemble and district/state contest, spring concert, Graduation, Memorial Day concert, and the Peony Parade in Van Wert. Evaluation will be based on effort, cooperation, attitude and rehearsal/performance attendance. Evaluation will also be based on homework, quizzes, and test that may be given throughout the year.

Popular music: Where Did It come from?

Grade: 11-12

Credit ½

Course Type: Elective

Length: Semester

Prerequisite: None

“Popular Music: Where Did It Come From” is a non-performance based music class offered to high school students. It is an elective class in which students will study the origins of and genres related to popular music along with the historical and social contexts that gave roots to it. Genres to be studied would include, but are not limited to, country, gospel, blues, rhythm, jazz, rock and roll, hip-hop, heavy metal, punk, and pop. Through the study of these genres students will learn of important groups and artists, music and the movements that occurred during the different periods. By studying the groups, artists, music and movements students will also learn of how each has influenced the music of today.

PHYSICAL EDUCATION AND HEALTH

Physical Education I #1100

Grades: 9-12

Credit: ½

Course Type: Required

Length: Year

Prerequisite: None

Physical Education is required to graduate. The classes will be co-educational in compliance with Title IX, Ohio Department of Education. Included in the course will be physical fitness: sit-ups, pull-ups, push-ups, shuttle run, sit and reach, mile run, and pacer test. Papers and projects will be assigned according to standards set by the Ohio Department of Education. Assessment will be over rules, strategies, and terms related to individual and team sports, and recreational activities. Grading will be based on dressing properly for physical fitness, participation in activity and effort displayed while participating.

Athletic PE Option #PE OPT

Grades: 9-12

Credit: 1/8

Course Type: Fulfills PE Requirement

Length: Season

Prerequisite: **Must turn in required paperwork at the start of the school year/season, and after each season. Forms are available in the office.**

This completion credit is awarded to individuals who have successfully participated as a uniformed member of a recognized Lincolnview High School Athletic Team, including cheerleading and marching band, complying with the Lincolnview High School Athletic Code and the OHSAA regulations and have turned in the required paperwork at scheduled times.

- Students interested in participating in NCAA athletics **cannot** do PE Option.

The successful completion of the PE Option will count towards the ½ credit requirement for graduation. **Student must do 4 seasons to complete PE requirement.**

Three Step Process must be followed for completion credit:

1: Turn in application PRIOR to the start of the season

2: Finish the season in good standing

3: Turn in the season completion form to the office within two weeks of the end of the season.

Weight Training #1211/#1212

Grades 9-12

Credit ¼

Course Type: Elective

Length: Semester

Prerequisite: Limited enrollment of 12/per semester (preference given by seniority)

This course is designed to enhance one's muscular strength and endurance as it is related to athletic performance. Activities center on core lifts, agility drills, flexibility, stretching, and plyometric drills are also incorporated.

Health #112

Grades: 9-12

Credit: ½

Course Type: Required

Length: Semester

Prerequisite: None

Health is a required course for graduation. The course is designed to help students feel responsible for their own health by helping them realize that all their decisions affect their physical, mental, and social well-being, and that their behaviors today affect the quality of their health later in life. The course stresses prevention of illness and orients students to better levels of wellness. The class includes lessons in the areas of stress, human sexuality, nutrition, and the effects of alcohol, tobacco, and other drugs on the human body, communicable and non-communicable diseases, heart disease, cancer, and CPR.

SCIENCE

Physical Science #5100

Grade: 9 Credit: 1 Course Type: Fulfills Science Requirement Length: Year

Prerequisite: None

All students must earn a physical science credit (Physical Science, Ag Science, or Chemistry) to fulfill their graduation requirements. Physical Science is a freshmen level course that fulfills this requirement. This course introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion. A unified understanding of phenomena in physical, living, Earth and space systems is the culmination of all previously learned concepts related to chemistry, physics, and Earth and space science, along with historical perspective and mathematical reasoning. Topics included in the course are: matter (classification, atoms, periodic law, and bonding), forces & motion, and the universe.

Biology #5110

Grade: 10-12 Credit: 1 Course Type: Fulfills Science Requirement Length: Year

Prerequisite: Physical Science or Ag Science

The first semester in Biology covers the introductory material, the chemical basis for life, cell structure and function, energy transformations, nucleic acids, cell growth and division, genetics and human heredity. The topics of life's origin, classification, microbes, plant structure and physiology, invertebrates, vertebrates, and ecological studies are included in the second semester's work. Lab work involves measurements, and analyzing data, and forming conclusions. The microscopic work is emphasized. Some dissections are included.

Environmental Science #5150

Grades: 11-12 Credit: 1 Course Type: Fulfills Science Requirement Length: Year

Prerequisite: Physical Science and Biology

This class will encompass a broad range of scientific backgrounds including biology, anatomy, meteorology, botany, environmental science, and current science and technology. Some time will be spent in the lab; with dissection being a part of that.

Chemistry #5120

Grades: 11-12 Credit: 1 Course Type: Fulfills Science Requirement Length: Year

Prerequisite: Physical Science and Biology

Modern Chemistry is designed to meet the requirements of those students planning to enter college or technical school. This is a basic course in chemistry with material presented on atomic structure, the Periodic Table, chemical bonding, chemical reaction and the energy involved, stoichiometry, chemical equilibrium, and a study of elemental families. Laboratory experiments are designed to develop scientific methods and are correlated with class topics to facilitate better understandings.

Human Anatomy and Physiology #5130

Grades: 11-12 Credit: 1 Course Type: Fulfills Science Requirement Length: Year

Prerequisite: Physical Science and Biology

This course is designed for the Junior/Senior student who is interested in advanced work in life science. The biological and chemical functions of living cells are studied in more depth than in the Biology course. Major emphasis is on the structure and function of the various organs and organ systems of the human body. Laboratory work consists of microscopic and chemical investigations. Some dissections are also conducted. Field trips and project work are included when appropriate.

Physics #5140

Grade: 12 Credit: 1 Course Type: Fulfills Science Requirement Length: Year

Prerequisite: Physical Science or Chemistry, Biology, Geometry

Physics elaborates on the study of the key concepts of motion, forces and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. Students engage in investigations to understand and explain motion, forces and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. Topics included in the course are: motion, forces, energy, waves, electricity and magnetism.

Biomedical Science

Grades 9-12 Credit 1 Course Type: Elective Length: Year

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a woman named Anna Garcia. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged

the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Human Body Systems

Grades 9-12

Credit: 1

Course Type: Elective

Length: Year

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal manikin; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Introduction to Engineering Design #7300

Grade: 9-12

Credit: 1

Course Type: Elective

Length: Year

Prerequisite: None

Introduction to Engineering Design (IED) is a high school level foundation course in the Project Lead the Way Engineering Program. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. Students of all grades are welcome to sign up for IED. Those wanting to take the full range of courses in the PLTW Engineering program are encouraged to take IED as a 9th grader.

Principles of Engineering

Grade: 9-12

Credit: 1

Course Type: Elective

Length: Year

Recommendation: Currently enrolled in Algebra II or higher math

Principles of Engineering (POE) is the second of two foundational courses in the Project Lead the Way Engineering Program. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Students of all grades are welcome to sign up for POE. Those on track to take the full range of courses in the PLTW Engineering program are encouraged to take POE as a 10th grader.

SOCIAL STUDIES

U. S. Studies #6150

Grades: 9 Credits: 1 Course Type: Meets Social Studies Requirement Length: Year

Prerequisite: None

This course examines the history of the United States from 1877- to the present, with the inclusion of fundamental documents. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking will require students to locate and analyze primary and secondary sources from multiple perspectives to draw conclusions. In addition, students will examine events, geography, economics, and culture of the United States and how it related to the world.

Foundations to Social Studies #6140

Grades: 10 Credits: 1 Course Type: Meets Social Studies Requirement Length: Year

Prerequisite: None

This course examines the history of the United States from 1877- to the present, with the inclusion of fundamental documents. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking will require students to locate and analyze primary and secondary sources from multiple perspectives to draw conclusions. In addition, students will examine events, geography, economics, and culture of the United States and how it related to the world.

American Government #6120

Grade: 11/12 Credit: 1 Course Type: Required for Seniors Length: Year

Prerequisite: None

From the course students should learn about the political actors, institutions, functions, and democratic processes that comprise the American system of government. Focus will be on the constitutional foundations of American government, including studies of political parties and ideology, the effects of the media in politics and class discussions concerning current events at the world, national, state and local level. There is an emphasis on substantive knowledge, critical thinking and writing

Online Geography

Grade: 11/12 Credit: 1

Course Type: Elective

Length: year

Delivery method: ONLINE

Students, through our 1:1 initiative, will have the opportunity to take an online social studies course to meet the requirements of the honors diploma.

Geography is the study of where things are in the world. It is important to know why people settled where they did: sometimes this is for weather-related reasons, and sometimes it's because of bountiful natural resources nearby. In this course, you will learn about these special features which drive economic development and form the locales where people settle.

ONLINE CREDIT RECOVERY

Online English Credit Recovery Option

Grades: 9-12 Credit: ½ Course Type: Make up Credit Length: Semester

Prerequisite: Failed a semester of English I-IV. Delivery: ONLINE

This course is designed to provide an option for the student to recover an English .5 credit. While no more than one full credit may be recovered through this option, a student is not permitted to retake the same semester of the same course. In addition students have the flexibility of taking this course online during school hours of an academic year. The assignments of the course shall follow the requirements of the course description, i.e. English I, English II, English III, or English IV; moreover, students will be required to complete all assignments that correlate with the semester course failed. Students may be required to meet with the instructor periodically through the course for assessment purposes. Successful completion of a final examination is required for earning credit.

***Explorations in Literature and Creative Writing** English 1 Credit Recovery Option

***Integrated English Language (Speech)** English .5 Credit Recovery Option

Online US Studies Credit Recovery Option

Grades: 9-12 Credit: ½ Course Type: Make Up Credit Length: Semester

Prerequisite: Failed a semester of US Studies Delivery: ONLINE

This course is designed to provide an option for the student to recover a US Studies .5 credit. While no more than one full credit may be recovered through this option, a student is not permitted to retake the same semester of the same course. In addition students have the flexibility of taking this course online during school hours of an academic year. The assignments of the course shall follow the requirements of the US Studies curriculum. Students may be required to meet with the instructor periodically through the course for assessment purposes. Successful completion of a final examination is required for earning credit.

COLLEGE CREDIT PLUS (CC+)

Ohio's new College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university is free. That means no cost for tuition, books or fees. If you choose to attend a private college or university, you may have limited costs.

Lincolnview has an agreement with Northwest State Community College for specific courses, however, you can choose to take College Credit Plus courses from any college that offers a course that would benefit your future. This could include online courses.

- Talk with your school counselor. Discuss your interest in taking college courses and how it fits in with your overall academic plan and career goals.
- Prior to **March 1**, your district will provide information about the College Credit Plus program to all students in grades 7-12. An informational session will be held and all colleges and universities within a 30-mile radius will be invited to attend before **March 30**. If you cannot attend, schedule an appointment with your school counselor.
- By **April 1**, notify your school counselor if you intend to participate in College Credit Plus next year. After April 1, you will need permission from the school district superintendent to participate.
- You and your family should contact colleges for information, application forms, and criteria for acceptance into College Credit Plus. Some materials are available from your high school counselor and at the college's website. You must go through the procedures established by the colleges/universities to apply to College Credit Plus and to enroll in the course(s). You may have to take a college placement test to make sure you are college-ready.
- Prior to college class attendance, your high school counselor will assist you in determining a course's equivalency to a high school course(s).