Lincolnview High School

Course Descriptions

2025-2026

REGISTRATION – THE PATH TO YOUR FUTURE

Registration is a serious responsibility. The required subjects are designed to provide basic learning needed by all citizens in our present day society. The elective subjects you choose are a part of your overall plan to prepare yourself for adult living. It is important that you consider your individual abilities, interests, and goals when choosing your classes. Electives should never be chosen because they represent the easy road. Nor should they be elected because of popularity. A course of study for one student may be totally wrong for another, since each individual has different abilities, interests, and plans for the future.

Several people will be helpful to you when registering. First of all, involve your parents and keep them continuously informed throughout your planning and progress through high school. Talk with your teachers--they will be frank with you about your strengths, weaknesses, and needs with respect to your work in their subject area. Your counselor, aided by your past record, will have a more complete picture of you as a student. They will not dictate a course of study to you, but will encourage your choice of subjects that best meet your individual needs.

After you have tentatively chosen your course of study, ask yourself if you have considered the following:

1. Your goals and plans for the future
2. Your special abilities and interests
3. Your previous school records
4. Your parents' ideas and goals for you

Schedules are created, and a master schedule is put in place based on student requests. We do allow for students, within the first two weeks of each semester, to change classes; however, this is based on availability of a class.

STATE AND LOCAL GRADUATION REQUIREMENTS

Graduation requires three different areas of mastery that will be outlined below.

1. **You must complete twenty-one units of credit**
   Lincolnview Local schools require twenty-one credits for graduation. Each student must have the following units of credit as a part of the minimum twenty-one needed:

   A. English (Four Credits)
   B. Mathematics (Four Credits) *Must include 1 credit of Alg.II or Equivalent
   C. Science (Three Credits) *Must include 1 physical science, 1 life science, and 1 advanced study.
   D. Social Studies (Three Credits)
   E. Health (1/2 Credit)
   F. Physical Education (1/2 Credit) *Can not take PE as elective until all other elective credits are fulfilled.
   G. Electives (5.5 Credits)
   H. *Fine Arts (2 semesters between grades 7-12, exempt if attending Vantage)
   I. Financial Literary (1/2 Credit)

2. **Show Competency**
   Earn a passing score in Algebra I and English II EOC Tests (684)

3. **Show Readiness**
   Earn two diploma seals, with at least one from the Ohio-designed seals.

ADDITIONAL DETAILS ON THE NEXT PAGES

OHIO'S GRADUATION REQUIREMENTS

CLASS OF 2023 AND BEYOND

Ohio's long-term graduation requirements take effect for the class of 2023. For students entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements provide more flexibility to choose a graduation pathway that builds on a student's strengths and passions – one that ensures students are ready for their next steps after high school. Students in the classes of 2018 through 2022 may also use these requirements as a pathway to graduation.

As a part of this pathway to graduation, students must show that they have completed all three parts of these requirements.

1. Credit Requirements:

Students must earn a **minimum total of 20 credits** in specified subjects and take your required tests. Schools can locally require more than 20 credits. Schools are still required to administer all the high school end-of-course assessments. These are: English Language Arts II, Algebra I (or Integrated Math I), Geometry (or Integrated Math II), Biology, American History, and American Government.

2. Competency:

Students can demonstrate competency by earning a passing score on Ohio's high school Algebra I (or Integrated Math I) and English language arts II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. If students have not met the competency score on these tests, there are four additional ways to show competency.

Option 1	Option 2	Option 3	Option 4	Option 5
Algebra I and ELA II	Career Readiness	College Credit Plus	Military Enlistment	ACT or SAT

Option 1. To demonstrate competency using Ohio's state tests, students must earn a score of 684 or above on both the Algebra I (or Integrated Math I) and English language arts II end-of-course exams.

Option 2. To demonstrate competency by Career Readiness, students must demonstrate two career-focused activities, at least one must be a foundational option.

- Foundational options: 1. Cumulative score of proficient on 3 or more WebXams. 2. Earn 12-points of industry credential. 3. Complete a registered pre-apprenticeship, an apprenticeship, or show evidence of acceptance into an approved apprenticeship. 4. State-issued license for a practice in a vocation.

- Supporting options: 1. Work-Based Learning. 2. Earn the workforce readiness score on the Workkeys. 3. Earn the OhioMeansJobs Readiness Seal

Option 3. To demonstrate competency through the College Credit Plus Program, students must earn credit in a non-remedial math or English course for the subject area not passed.

Option 4. To demonstrate competency through Military Enlistment, students must provide evidence of enlistment in a branch of the armed forces to demonstrate competency.

Option 5. To demonstrate competency using the ACT or SAT, students must obtain a remediation-free score in the math and/or English subject area on the ACT or SAT. To demonstrate competency in English, a student must be remediation-free in the subjects of English and reading on the ACT or SAT.

3. Readiness:

Students can meet the readiness requirement by earning two diploma seals. In alignment with their graduation plan, students should be choosing seals that align with their goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to their passions, interests and their post-high school pathway.

Of the two seals students are required to earn, at least one of the two must be State-Defined. Ohio's 12 diploma seals are:

- OhioMeansJobs Readiness Seal (State-Defined)
- Industry-Recognized Credential Seal (State-Defined)
- College-Ready Seal (State-Defined)
- Military Seal (State-Defined)
- Citizenship Seal (State-Defined)
- Science Seal (State-Defined)
- Honors Diploma Seal (State-Defined)
- Seal of Biliteracy (State-Defined)
- Technology Seal (State-Defined)
- Community Service Seal (Locally-Defined)
- Fine and Performing Arts Seal (Locally-Defined)
- Student Engagement Seal (Locally-Defined)

Want to learn more?

Contact your school counselor or visit education.ohio.gov/graduation

Suggested 4-Year Course of Study for Required Classes

9th

English_____1 credit

Math_____1 credit

Science_____1 credit

Social Studies_____1 credit

Physical Education_____1/2 credit

10th

English _____1 credit

Math_____1 credit

Science_____1 credit

Social Studies_____1 credit

Health_____1/2 credit

Financial Literary_____ ½ credit

11th

English_____1 credit

Math_____1 credit

Science_____1 credit

Social Studies_____1 credit

12th

English_____1 credit

Math_____1 credit

PREPARATION FOR COLLEGE

Although colleges vary greatly in their entrance requirements, a specific group of subjects is known as college preparatory (CP): English, mathematics, science, foreign language* and social studies. Generally speaking, the college prep program recommended by most colleges includes:

Four credits of English
Three years of mathematics (Algebra I & II + Geometry)
Two credits of a single foreign language*
Three credits of laboratory science (With One: Chemistry, Physics, or Advanced Biology)
Three credits of social studies

To be sure of wise preparation, students should consult with their counselor and the admission standards of the colleges in which they are interested for stated requirements. The School Counselor webpage also provides important links to colleges and universities.

*Many colleges are going away from requiring a foreign language. You should research colleges you are interested in attending to understand their particular requirements.

CLASS RANK
VALEDICTORIAN and SALUTATORIAN SELECTION

GPA will be calculated on a 4.0 scale. The following formula will be used to determine class rank.

Class of 2026 and Beyond
GPA 60%
Honors Courses 30%
Total Credits 10%

.60(GPA)/4 + .30(#of honors courses)/9 + .10(Credits)/28 = Ranking Points

Honors Courses: Spanish IV or 4th year of Foreign Language, English III CP, English IV CP, Pre-Calculus/Trigonometry, Calculus/NSCC Calculus, Chemistry, Anatomy, Physics, and 12 undergraduate CC+ semester hours in core courses *(previously counted honors courses cannot be counted towards the 12 CC+ semester hours)*.

ACT Composite Score: Best score through the February test of senior year.
PE and Weight Training classes do not calculate in the class ranking system.

28 Credits will be the maximum credits calculated in the formula.

**No student shall be eligible for graduation honors, such as valedictorian, etc. unless he/she has been enrolled at Lincolnview High School for four consecutive semesters prior to the final semester utilized for purposes of determining such honors

STUDENT AIDES

Students may serve as teacher aides during their **Junior and Senior** year with the following guidelines. Also take note that it can affect class rank because you do not receive credit or a grade for aiding.

1. Teachers may have only one aide per period.
2. Aides will leave the assigned area only with a teacher-signed agenda book.
3. The student must be enrolled in a minimum of six courses.
4. The student can serve as an aide during one period.
5. The student loses his/her status as an aide for the remainder of the grading period if disciplined with Wednesday school, in-school suspension, or out of school suspension.
6. Student aides cannot have any D's or F's. Grades verified each nine weeks.
7. Aides will have the same responsibility with a substitute teacher as they do with a regular teacher.
8. Elementary aides are not to leave the classroom more than one minute before the high school bell will ring.

HONORS DIPLOMA CRITERIA Class 2026 and Beyond

To be awarded a diploma with honors, the student shall be required to meet at least **all but one** of the criteria listed in this table for the chosen honors diploma pathway (column). A student may also choose to substitute a criterion for an option listed at the bottom of the table for the criteria of GPA, ACT/SAT or Foreign Language. A student shall not be required to meet more than the specified number of criteria, nor shall any student be required to meet any one specified criterion.

HONORS DIPLOMA CLASS OF 2026 and Beyond

riterion	Academic Honors Diploma	Career Tech Honors Diploma	Stem Honors Diploma	Social Science and Civic Engagement	Arts Honors Diploma
ath	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 Units, One must be Algebra II	4 Units, One must be Algebra II	4 Units, One must be Algebra II	4 Units, One must be Algebra II
cial Studies	4 Units			Two Additional units of Social Studies	
ience	4 units, including two 2 advanced science units of		One additional unit Advanced Science		
orld Languages	3 units of one world language, or no less than 2 units of each of two world languages studied. **SEE OPTIONS BELOW	2 units of one world language	3 units of one world language, or no less than 2 units of each of two world languages studied. **SEE OPTIONS BELOW	3 units of one world language, or no less than 2 units of each of two world languages studied. **SEE OPTIONS BELOW	3 units of one world language, or no less than 2 units of each of two world languages studied. **SEE OPTIONS BELOW
areer-Tech oursework		Four units of Career-Tech Courses			
areer-Tech oficiency		Earned a cumulative score of proficient or higher on the technical assessments aligned to their program.			
ne Arts	1 Unit				Four Units
ectives			Two units of additional STEM Courses as electives	Citizenship Seal	Two units of Fine Arts (may overlap with general four units)
PA	Maintain an overall HS GPA of at least a 3.5. **SEE OPTIONS BELOW	Maintain an overall HS GPA of at least a 3.5. **SEE OPTIONS BELOW	Maintain an overall HS GPA of at least a 3.5. **SEE OPTIONS BELOW	Maintain an overall HS GPA of at least a 3.5. **SEE OPTIONS BELOW	Maintain an overall HS GPA of at least a 3.5. **SEE OPTIONS BELOW

ACT/SAT	Obtain a composite score of 27 on the ACT or 1280 on the SAT. ** SEE OPTIONS BELOW	Obtain a composite score of 27 on the ACT or 1280 on the SAT. Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.** SEE OPTIONS BELOW	Obtain a composite score of 27 on the ACT or 1280 on the SAT. ** SEE OPTIONS BELOW	Obtain a composite score of 27 on the ACT or 1280 on the SAT. ** SEE OPTIONS BELOW	Obtain a composite score of 27 on the ACT or 1280 on the SAT. ** SEE OPTIONS BELOW
Seals	Earn two additional seals, beyond the two required seals, not including Honors Diploma Seal.	Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal	Meet requirements to earn the Industry-Recognized Credential Seal or Fine Arts Seal	Community Service Seal	Meet local district requirements to earn the Fine Arts Seal
Field Experience	Field Experience, Ohio Means Jobs Readiness Seal, Portfolio or Work Based Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work Based Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work Based Learning	Field Experience, Ohio Means Jobs Readiness Seal, Portfolio or Work-Based Learning	Field Experience, Ohio Means Jobs Readiness Seal, Portfolio or Work-Based Learning
Alternative Options for GPA, ACT/SAT and Foreign Language	College Credit Plus - 12 Hours	College Credit Plus - 12 Hours	College Credit Plus - 12 Hours		
	Career Technical (CTAG) - 12 credits	Career Technical (CTAG) - 12 credits	Career Technical (CTAG) - 12 credits		
	Apprenticeship/Pre-Apprenticeship: Completion or evidence of acceptance if required to be older than 18.	Apprenticeship/Pre-Apprenticeship: Completion or evidence of acceptance if required to be older than 18.	Apprenticeship/Pre-Apprenticeship: Completion or evidence of acceptance if required to be older than 18.		
	WorkKeys - Score of 6 or higher on all tests.	WorkKeys - Score of 6 or higher on all tests.	WorkKeys - Score of 6 or higher on all tests.		
	ASVAB score of 50 or above	ASVAB score of 50 or above	ASVAB score of 50 or above		
	Worked Based Learning - 250 total hours (This requires a contract and additional paperwork. It is not just hours of working)	Worked Based Learning - 250 total hours (This requires a contract and additional paperwork. It is not just hours of working)	Worked Based Learning - 250 total hours (This requires a contract and additional paperwork. It is not just hours of working)		

COLLEGE CREDIT PLUS

Students entering grades 7-12 can attend classes at Ohio colleges or universities to earn both high school and transcripted college credit. Students can take classes on campus, online, and through some of our teachers here at Lincolnview. Students must notify the school by **April 1st** of their intent to participate in CCP. Students must then apply to the college of their choice by that school's deadline. Students can qualify through their ACT/SAT scores and/or Accuplacer Test Scores. Students who do not participate in CCP during the fall semester may choose to participate in the spring semester. Students must notify the school by **November 1st** of their intent to participate if they did not already for the academic year.

Students replacing courses that are in the tested areas are still responsible for end of course exams. Also, students receive one high school credit for every three-semester hour class, with a maximum of 30 semester hours possible a year (120 lifetime).

Withdrawal after the deadline, or failure from a course will result in a financial obligation for the families. Also, if the course is required for graduation, the student will need to return to the high school for credit recovery. A student can be placed on CCP probation when the student has earned lower than a cumulative 2.0 GPA in college courses, or withdraws from two or more courses in the same term. When on probation the student may enroll in no more than one college course. The student may not enroll in the college course in the same subject in which the student previously earned D or F or received no credit. The student remains on probation until the student has improved the cumulative college GPA to 2.0 or higher. The student cannot be on probation for more than two terms.

A student can be dismissed from CCP when the student has met the definition of CCP probation for two consecutive college terms. Once a student is dismissed from the CCP program, the student may not enroll in college courses for the following college term. After one college term on dismissal, the student may request for us to allow the student to participate. The school shall determine whether the student may continue on dismissal, move to probation, or participate without restrictions per the school's adopted policy.

CREDIT FLEXIBILITY

The Board recognizes that an effective educational program is one that provides opportunities for students to customize aspects of their learning around their respective needs and interests. Credit flexibility is one method to motivate and increase student learning by allowing access to more resources, customization around individual student needs and the use of multiple measures of learning.

Students can earn units of high school credit based on an individually approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics, and to meet the demand for 21st century skills.

In accordance with State law, the District must develop and implement a credit flexibility plan that enables students to earn high school credit by:

1. completing coursework;
2. testing out or showing mastery of course content;
3. pursuing an educational option and/or an individually approved option and/or
4. any combination of the above.

Students must turn in an application prior to enrollment, and be approved for Credit Flexibility with Mr. Mendenhall. Applications are available in the Guidance Office.

INCOMPLETE GRADES

It is the responsibility of the student to take the initiative to turn an Incomplete into a grade. Students must contact the teacher(s) involved to understand what work is missing. Students have two weeks (10 days) to complete all make-up work, unless something has been approved by the teacher, counselor or principal. An Incomplete not resolved will result in an F for the marking period.

ACT TESTING

Every student in grade 11 will have the opportunity to take the ACT test one time free of charge. The test will be given at Lincolnview during the month of February or March.

ACT PREP

Lincolnview participates in an ACT prep program through Sylvan Learning Center in conjunction with Crestview High School. This occurs in the spring, right after school is dismissed for the year and leads up to the June ACT test. This program provides students with an opportunity to become more familiar with the ACT test and test taking strategies. Students who are entering their Junior year will have the first opportunity to sign up, then Sophomores if any spots remain. There is a fee involved in the course. The course rotates between Lincolnview and Crestview on alternating years.

EARLY GRADUATION

Students who are seeking graduation at the end of their junior year must complete an application and meet with the counselor or principal to determine if the student would be eligible based on credits and courses required for graduation. Parents, counselor, and principal must consent that this is the best course of action for this student's circumstances. This application is to be made at the time the student is completing registration during his/her sophomore year. Applications for early graduation are available in the Principal's office. Any exceptions to this will be made in consultation with the student, counselor, parents, and administration.

NCAA AND NAIA ELIGIBILITY

Student athletes who plan to pursue athletics after high school, should inform his/her coach, Mrs. Leeth, and Mr. Leeth of his/her intentions. Student-athletes must register with prospective eligibility centers in order to be compliant with all governing rules of college athletics. Also, students must be sure that he/she is taking the correct course work in order to be eligible for athletics. This process needs to be taken into consideration as early as the freshman year.

VANTAGE CAREER CENTER

Juniors and seniors may complete an application to attend the career center by contacting the high school Guidance Office. Juniors may apply during their sophomore year and seniors during their junior year. Students planning to make applications should have 2 English credits, 2 Math credits, 2 Social Studies credits, 2 Science, ½ Financial Literacy, ½ Health and ½ Physical Education credits.

Students attending the career center will officially remain students at Lincolnview High School and, as such, will have the same rights and privileges regarding school activities as any other student, except those activities and clubs which meet during the school day. Career school students from Lincolnview High School will graduate from Lincolnview High School.

Round trip bus transportation is provided between Lincolnview High School and the career center each day. Students wishing to travel in private cars may do so.

Information Technology
Network Systems
Interactive Media
Health Information Management

Service Occupations
Cosmetology
Culinary Arts
Early Childhood Education
Health Technology
Criminal Justice
Sports Exercise Therapy

Trade & Industry
Ag & Industrial Power Technology
Auto Body
Automotive Technology
Carpentry
Construction Equipment Technology
Electricity
Industrial Mechanics
Precision Machining Technology
Welding Technology Fabrication

Planned orientation programs and visits to the vocational center are made available to all students during their 8th grade and sophomore years. Information on all Vantage programs, as well as other career information, is available in the Guidance Office or at Vantagecareercenter.com.

SCHEDULES

Schedules will be ready for pick up the week prior to the start of school. Watch for text alert notifications. Schedules can be changed up until the end of the second week of school (10 Days) the first semester, and the first two weeks (10 Days) of the second semester.

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). All courses are meant to be YEAR long courses. There is testing involved at the end of the year.

Agriculture, Food and Natural Resources

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

Prerequisite: First class for all other classes

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 (SAE) programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Livestock Selection, Nutrition and Management

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

Prerequisite: Ag, Food and Natural Resources

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.

Mechanical Principles

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

Prerequisite: Ag, Food and Natural Resources

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 identifying, diagnosing, and maintaining 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

Grades 11-12 Course Credit 1 Course Type: Elective 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.

Agricultural and Environmental Systems Capstone

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

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)

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

Prerequisite: None

Art 1 There are a lot of 'Pick Your Own Projects' in this course. Most projects allow you to pick the materials, subjects, drawing, painting, clay, sculpture, watercolor, acrylic paint, college, sculpting foam, dreamcatchers and much more. This Art class is appropriate for all 9-12 grade students. You must complete one full year of this course to move onto other Art classes because lots of safety procedures and basics are covered. Realistic drawing skills are not necessary to achieve success in this course, effort however is required. Students will need to be prepared to participate in small groups and personal critiques. (talk to each other about Art) You can take this class more than once because of how much student led choice there is.

Drawing and Painting

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

Prerequisite: 1 full year of Fundamentals of Art (Art I)

This course focuses on the basics of 2D art; specifically drawing and painting. Mediums explored include chalk, charcoal, pastel, ink, watercolor, acrylic paint, fabric paint, oil paint, glaze and some ceramics. Projects include Mandalas, Landscapes, Fabric Art, Christmas Gifts, Collage, Fantasy, Lowbrow, Grotesque Art, Gesture/figure drawing, painting a mug/tile, a field trip to the woods… We vote on a lot of projects so things may change based on the vote. Students are expected to express their knowledge of the Elements of Art and contribute to full class and personal critiques. You can take this class more than once because of how much student led choice there is.

Graphic Arts

Grades: 10-12 Credits: 1/2 Course Type: Elective Length: Semester

Prerequisite: 1 full year of Foundations of Art (Art I)

Graphic Art provides opportunities in career exploration in a variety of graphic design fields. Projects include: Landscape photography, (field trip to the woods) 'Fancy' Food Photography, Portrait editing, Double exposure, Story illustration, Personal logo design, T-shirt design, the creation of a business complete with Logo, business card and much more. Programs we use include; Adobe Photoshop, Adobe Illustrator, Capcut, Canva and student chosen phone apps. Students are expected to contribute to full class and personal critiques. Students must have access/ the ability to use a camera and or phone to take

photos. You can take this class more than once because of how much student led choice there is.

Sculpture

Grades: 9-12 **Credits: ½ -1** **Course Type: Elective** **Length: Semester or Year?**

Prerequisite: 1 Full year of Fundamentals of Art (Art 1)

Students work with a variety of materials in a 3D way. Media included; clay, foam, recycled objects, glass, plaster, cardboard, wood, wire, metal, yarn, fabric, felt, feathers, beads and much more. Projects include; Steam Punk, Found Object Assemblages, slab boxes, castles, wall mounted animal heads, fiber arts, hidden book boxes and much more. Students are expected to express their knowledge of the Elements of Art and Principals of Design to solve three dimensional problems and contribute to small group critiques. Students will also collect resource images and complete a thumbnail and sketch doc in preparation for projects. You can take this class more than once because of how much student led choice there is.

Advanced Visual Art (Senior Seminar)

Grades: 11-12 **Credit: 1** **Course Type: Elective** **Length: Full Year**

Prerequisite: all other art courses must be completed prior to this course.

The Advanced art course provides flexibility for an independent program designed for the highly motivated, honors, or senior student. This course is for students who have identified Art as an era in which they have strength and abundant interest. All projects and mediums are decided on by the student including: resource collection, sketch presentation, material collection, project execution and goal setting for grading purposes. To finish the project students will; participate in group critiques and take photos of their art for their portfolio. The final for this course is an part portfolio that may be submitted for art school, scholarships and/or college admission. You can take this class more than once because of how much student led choice there is.

BUSINESS

Financial Literacy

Grades 10-12 Credit: .5 Course Type: Required Length: Semester

This course is designed to introduce the student to basic financial literacy skills to help them make responsible financial decisions. Concepts covered include financial responsibility and decision making, planning and money management, being an informed consumer, investing, credit and debt, and risk management and insurance. Short and long term financial goal setting will also be introduced, and students will gain the information and skills to implement a life-long plan for financial success.

Accounting I

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

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

Recommended: Accounting I (with a C or better semester average) Must get teacher approval.

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.

*We have an agreement with UNOH and taking two Accounting courses will transfer into their program as credit.

ENGLISH

English I

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 may be required to participate in Accelerated Reader and/or IXL.

English II

Grade: 10 **Credit: 1** **Course Type: Required** **Length: Year**

Prerequisite: Freshman English Credit

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, and argumentative pieces. Technology will be integrated into the course through various Web 2.0 tools and online submission of work. Accelerated Reader and IXL are required components of the class.

English III CP

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 may be exposed to the English and Reading sections for the ACT.

English III

Grade: 11 **Credit: 1** **Course Type: English Requirement**

Prerequisite: English I & II **Length: Year**

This course, designed for students who do not plan on attaining a four-year college degree, will include historical American documents as well as a mixture of classical and contemporary American fiction. Students will engage in critical analysis of literary and informational, compose argumentative and expository essays, and complete at least one research paper. Time will also be allocated for college and/or career planning, and several

pathways to receive industry-related credentials may be embedded into the curriculum. Other areas of study include writing conventions, vocabulary, and oral communication skills. Technology skills will be integrated into the course via blogging, student-created multi-media presentations, and online submission of writings.

English IV CP

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 semester of British literature and a semester of World literature. Students will read a variety of literature which may include essays, articles, editorials, novels, plays, poems, etc. that will spark writing assignments, projects, speeches 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.

English IV

Grade: 12 Credit: 1 Course Type: English Requirement

Prerequisite: English I & II Length: Year

This course, designed for students who do not plan on attaining a four-year college degree, will include a mixture of classical and contemporary British and World literature. Students will engage in critical analysis of literary and informational texts, compose argumentative and expository essays, and complete at least one research paper. Time will also be allocated for college and/or career planning, and several pathways to receive industry-related credentials may be embedded into the curriculum. Other areas of study include writing conventions, vocabulary, and oral communication skills. Technology skills will be integrated into the course via blogging, student-created multi-media presentations, and online submission of writings.

Integrated English Language (Speech)

Grades 10-12 Credit: ½ Course Type: Elective Length: Semester

Prerequisite: None

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 may also be required to analyze the rhetoric of various writings and speeches.

Career Connections

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

This course is designed to help students find their college and/or career path. Units will allow students to research career interests, explore college options, and plan a career path. Additionally, students will learn soft skills needed to obtain and retain a job, and they will be required to complete a job shadowing component. Business writing will be introduced, and students will design resumes and cover and thank you letters. Interviewing skills and techniques will be covered, and participants in this class will also examine finances. Students who will be seniors should enroll in the fall semester; juniors can take the class in the fall or spring.

Explorations in Literature and Creative Writing

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

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 LANGUAGE

Spanish I

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

Prerequisite: None

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

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

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

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

INDUSTRIAL TECHNOLOGY

Industrial Technology I

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

Prerequisite: None

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

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

Prerequisite: Industrial Technology I

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

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

Prerequisite: Industrial Technology II or III

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)

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)

Grades: 9-12 Credit: ½ Course Type: Elective Length: Semester

Prerequisite: Drafting I

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.

Drafting III (Computer Aided Drafting -CAD)

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

Prerequisite: Drafting II

Advanced drafting class designed for the student interested in field of technology, engineering, drafting, and design. The designs created will be generated using the CAD software(s). A variety of individual projects will be chosen and agreed upon with collaboration of the instructor. Students will be expected to complete assignments incorporating animation. There is a lab fee

MATHEMATICS

Applied Algebra Part I

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

This course is designed to develop a strong Algebra base. Students will focus on order of operation, solving equation, functions, ratios and rate, proportions, percents, as well as exponential functions and basic polynomial work. A third semester (fall) will be required to fulfill the algebra 1 state expectation. A scientific calculator is recommend for this course.

Applied Algebra Part II

Grades: 9-11 Credit: ½ Course Type: Finishes Algebra I Requirement Length: Semester

Prerequisite: Exploring Algebra or Algebra I, Course Follows Applied Algebra Part I

This course continues the study of Algebra with a focus on polynomials, quadratics, square roots, data analysis, and probability. At the completion of this course, students will test for the End of Course Algebra I state test. A scientific calculator is recommended for this course. Students will take **Applied Geometry** for the spring semester.

Applied Geometry

Grades: 10-11 Credit: ½ Course Type: Fulfills Math Requirement Length: Semester

Prerequisite: Algebra I General

This course is designed to introduce students to the world of Geometry. Throughout this semester course, students will work on inductive and deductive reasoning, angles, perpendicular and parallel lines, and beginning work with polygons (mostly triangles). This course will be taken in the spring semester, after taking **Applied Algebra Part II.**

Geometry, CP

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.

Algebra I, CP

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. This class focuses on linear, exponential, and quadratic equations, specifically how to solve, graph, and use them in the real world. Data analysis and probability are also an important part of this class. A scientific calculator is recommended.

Advanced Quantitative Reasoning

Grades 11,12 Credit: 1 Course Type: Fulfills Math Requirement Length: Year

Prerequisite: Algebra

This course is designed to promote reasoning, problem solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. Students will work in groups to solve problems and develop creative solutions. Projects include measuring the bounce of a bouncy ball, bungee dropping action figures, and making legos. It is a year-long course taught using student-centered pedagogy.

Algebra II, CP

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.*

Pre-Calculus, CP

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)

Students successfully completing this class will be able to solve quadratic equations by factoring, completing the square, and using the quadratic formula. They will also be

familiar with complex numbers and solving rational equations. College Algebra topics include: polynomial, rational, exponential, and logarithmic functions and graphs. Equations and inequalities are covered including solutions of systems of equations. Application problems build skills in problem solving

Pre-Calculus, NSCC MTH 109

Grades: 11-12 Credit: 1 & College Credit (3 Hrs.) Course Type: Math Requirement Length: Semester

Students successfully completing this class will be able to solve quadratic equations by factoring, completing the square, and using the quadratic formula. They will also be familiar with complex numbers and solving rational equations. College Algebra topics include: polynomial, rational, exponential, and logarithmic functions and graphs. Equations and inequalities are covered including solutions of systems of equations. Application problems build skills in problem solving. (Ohio Transfer Model TMM001 approved) Co-Requisite: Satisfactory score on the Course Placement Test.

Trigonometry, CP

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)

This course is meant to follow Pre-Calculus. Topics include both right triangle and circle definitions, solving all types of triangles, trigonometric identities and equations, selected vector and complex number problems, and the polar coordinate system.

Trigonometry, NSCC MTH 112

Grades: 11-12 Credit: 1 & College Credit (3 Hrs.) Course Type: Math Requirement Length: Semester

This course is designed to follow MTH109 and replaces MTH110. Topics include both right triangle and circle definitions, solving all types of triangles, trigonometric identities and equations, selected vector and complex number problems, and the polar coordinate system. (Ohio Transfer Module TMM003 approved) (3+0)
Co-requisite: MTH109 or satisfactory score on the Course Placement Test.

Probability CP

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 independents 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 asses 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 CP

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 Statistics 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.

Senior Math

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

This course is designed for seniors to review, refresh, and enhance those math skills that are necessary for success after graduation. Designed for students who plan to go straight to the workforce.

Calculus, CP

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

Grades: 12 Credit: 1 & College Credit (5 Hrs) 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.

Math Potential Sequencing for HIGH SCHOOL (Starting 9th grade year)

Applied Algebra Part 1	Algebra I
Applied Algebra Part 2 (1/2 year)	Geometry
Applied Geometry (1/2 year)	Algebra II CP or Advanced Quantitative Reasoning
Geometry	Fourth year: Pre-Calc & Trig (or) Prob & Stats (or)
Advanced Quantitative Reasoning	Senior Math

Math Potential Sequencing for HIGH SCHOOL (Starting 8th grade year)

Algebra I (8th Grade)
Algebra II CP
Geometry
Pre-Calc & Trig (or) Prob & Stats
Calculus (or) Prob and Stats

MULTIMEDIA

Educational Media (Yearbook)

Grade: 10-12 Credit: 1 Course Type: Elective Length: Year

Prerequisite: Application including teacher recommendation must be submitted to the 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. Course is recommended for grades 10-12. A limited number of students will be accepted for this course and an application is required to apply.

Computer Applications HS Credit

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 and the ability to work independently is helpful.

NSCC Computer Applications

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

Prerequisite: Satisfactory Score on Course Placement Tests for College Credit Plus

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. Our staff, here at Lincolnview, will teach the course. Transfer Assurance Guide (TAG) approved effective spring 2008 (OBU003 - Computer Applications).

MUSIC

High School Choir

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

Prerequisite: Junior High Choir or by audition.

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. Further, 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 and All-State Choir. Evaluation and grades are affected 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 including a cappella, barbershop, pop, and show choir 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. Extra rehearsals may be called after school before a performance.

Band

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

Prerequisite: Junior High Band or permission from director

High School band is a performance-based course designed to continue to develop the instrumental and musical skills of each individual member to their full potential. Students will be expected to increase their individual skill level on their instrument, develop their skills as an ensemble member, become versed in a variety of band performance literature, and foster an appreciation for music and the musical arts. Students must participate in all phases of the class activity, unless approved by the director and principal, including marching band, concert band, and pep band. Students may also 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, parade performances, concerts, pep band events/basketball games, OMEA solo and ensemble, OMEA district/state contest, and graduation. Evaluation will be based on effort, cooperation, attitude, and performance attendance.

Steel Drum Band

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

Prerequisite: By audition only or permission from director & membership in HS Band required.

The goal of this course is to teach students how to play and perform on the steel drums (both individually and as a group) by learning and developing the required technique. This course will act as an introduction to performing on the steel drums. Students will learn a variety of musical styles including soca, calypso, reggae, samba, rock, and many others. In addition to performing on the pan (steel drum), students will study the history of Trinidad/Tobago and how the pan was created and implemented in society and still used today.

This is a performance-based class with performances during and after school. Students enrolled in Steel Drum Band should expect to attend mandatory performances and rehearsals on evenings and/or weekends. In addition, other ensembles and instrumental music may be pursued throughout the course.

PHYSICAL EDUCATION AND HEALTH

***Can not take PE/Weight Training as an elective until all other elective credits are completed, per State of Ohio.**

Physical Education I

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.

Weight Training

Grades 9-12 **Credit ¼** **Course Type: Elective** **Length: Semester**

Prerequisite: Limited enrollment of 18/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.

Athletic PE Option #PE OPT

Grades: 9-12 **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.

The successful completion of the PE Option will count towards the ½ credit requirement for graduation. **Student must do 2 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.

Health

Grades: 10-12 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

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.

Fees: Lab Fee

Biology CP

Grade: 9-12 **Credit: 1** **Course Type: Fulfills Science Requirement** **Length: Year**

Prerequisite: Physical Science, 9th graders wanting to take Biology as a Freshman must have a B+ or higher grade in 8th grade and want to take Anatomy and Physics later in HS. Freshman taking this class must take Chemistry as a Sophomore.

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. Lab work involves measurements, and analyzing data, and forming conclusions. The microscopic work is emphasized. It is recommended that you take physical science before biology.

Fees: Lab Fee

Environmental Science

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. Time will be spent in the lab; with dissection being a small part of that.

Fees: Lab Fee

Modern Chemistry CP

Grades: 10-12 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.

Fees: Lab Fee

Human Anatomy and Physiology CP

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. A large amount of dissection is included in this class. There is also a large amount of memorization.
Fees: Lab Fee

Physics

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

Prerequisite: Physical Science or Chemistry, Biology, Geometry Fees: Lab Fee

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 real-life problem solving scenarios and investigations to understand and explain motion, forces and energy. These opportunities incorporate scientific reasoning, analysis, communication skills and real-world applications. Topics included in the course are: motion, forces, energy, waves, electricity and magnetism.

Introduction to Engineering Design

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

Prerequisite: None

Introduction to Engineering Design (IED) is one of two foundational courses in the Project Lead the Way (PLTW) Engineering Program. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects, like a puzzle cube, an automata, or the re-design of an existing product. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, prototyping with a 3D printer, and documenting their work in an engineering notebook. Students of all grades are welcome to sign up for IED. Completion of PLTW Engineering courses could lead to college credit at schools such as Ohio State, Indiana Tech, Trine, Purdue Polytechnic, and others.

Principles of Engineering

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

Recommendation: Currently enrolled in Algebra II or higher math

Principals of Engineering (POE) is one of two foundational courses in the Project Lead the way (PLTW) Engineering Program. Hands-on projects include compound machines, bridges, robots, and more. Students explore a broad range of engineering topics, including mechanisms, the strength of structures/materials, robotic automation/programming, and hydraulics/pneumatics. Students develop skills in problem solving, research, and design while learning strategies for design process

Aerospace Engineering

Grade: 11-12 **Credit: 1 Course Type: Elective** **Length: Year**

Recommendation: Completion of IED & POE and currently enrolled in Algebra II or higher math

Aerospace Engineering propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing paper airplanes, airfoils, balsa wood gliders, and model rockets. They learn basic orbital mechanics using industry-standard software and explore robot systems (and programming) through projects that include remotely operated vehicles. *The availability of this course will be dependent on the level of interest.*

Computer Science Principles

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

Recommendation: Currently enrolled in Geometry or higher math

Students in Computer Science Principles (CSP) will learn the fundamentals of coding, data security, and task automation. The course helps students develop programming expertise and explore the workings of the internet. Using the Python Programming Language as a primary tool, students will have the opportunity to create games and simulations. The course promotes computational thinking and coding fundamentals and introduces computational tools that foster creativity. Students of all grades are welcome to sign up for CSP. *The availability of this course will be dependent on the level of interest.*

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: 10-12 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.

Medical Interventions

Grades 10-12 **Credit 1** **Course Type: Elective** **Length: Year**

Prerequisite: Human Body Systems or Biomedical Science

Students follow the life of a family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics pharmacology, medical devices, and diagnostics.

Biomedical Innovations

Grade: 12 **Credit 1** **Course Type: Elective** **Length: Year**

Prerequisite: Biomedical Science, Human Body Systems, Medical Interventions

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

SOCIAL STUDIES

U.S. Studies

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 is related to the world.

Foundations to Social Studies

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

Prerequisite: None

Foundations to Social Studies is a sophomore level class that focuses on Western civilization from the late Middle Ages through the modern period. In the class we analyze the events of The Renaissance, Reformation, Absolutism, The Enlightenment, Constitutionalism, Industrialization, the two World wars and the Cold War and how these events and time periods have affected the rest of the world. The concepts of historical thinking will require students to locate and analyze primary and secondary sources from multiple perspectives to draw conclusions. In addition, the students will examine events, geography, economics, and culture throughout the west and how it is related to the rest of the world.

American Government

Grade 11 Credit: 1 Course Type: Social Studies Requirement Length: Year

Prerequisite: None

From this 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.

Current Events: A Historical Scaffolding of Today's World

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

Prerequisite: None

This course will familiarize students with current worldwide, national, and local issues. The course will assist students in becoming more aware of current events and where these events may have stemmed. In order to understand some of the current issues, students will delve into the past to decipher the historical roots of some current issues. (For example, a news story of the Middle East may lead students to delve into historical conflicts between Israel and a neighbor.) In doing so the goal of the course is to help students become better informed citizens and better able to support an opinion on current affairs.

Sociology – NSCC and LVHS

Grades: 10-12 Credit: 1 Course Type: Elective Length: Semester

Prerequisite: If you are taking for CCP, you must take ENG 111 prior to this course. It can be taken for HS credit only.

An introduction to the sociological perspective with a focus on the United States and this nation's place in the world. Order and conflict theories are applied to broad areas of sociological concern, such as social inequality, sexual inequality, work and family, law and crime, race and ethnic relations, education and popular culture, modern urbanism, politics of food, health care, and the global society.

OTHER

Career Education Opportunity (CEO)

Grade: 12 Credit: .5 Course Type: Elective Length: Semester

The CEO program is offered to seniors as an elective course where students are released during the school day and partnered with either a teacher to provide educational experiences or local businesses which will provide internships, apprenticeships, or other business opportunities. Students have the opportunity to learn the skill sets that are necessary for a specific career and learn the soft skills necessary in the work force. Students will complete the course knowing the type of post-secondary education/training required in their career field.

Leadership Development

Grade: 10-11-12 Credit: 1 Course Type: Elective Length: Year

Prerequisite: None

Semester course involving all types of leadership resources, exercises, and experiences for the present and future student. This course ties into the enrolled, enlisted, and employed post-graduation goals for the students of Lincolnview High School. Leadership Development is full of book readings/studies, guest speakers both in person and via Zoom, class discussions, article readings, and movie clip viewings.

Student Tech Support

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

Prerequisite: Interest in computer science and network services.

Students will learn the skills necessary to assist the technology coordinator in managing and supporting school technology systems. Students will gain hands-on experience by troubleshooting hardware and software issues, assisting with system updates, and supporting end users. The course will also cover Google Admin management, Windows server management, basic computer network management, and best cybersecurity practices. Students will learn effective communication strategies, proper documentation procedures, and inventory management skills. Students will be focused primarily on Chromebook repair and management, but will also have the opportunity to assist with Teacher laptops, printers, and other technology related devices and issues.
This will be available for two students. If more than two students apply, there will be and application and interview process.

COLLEGE CREDIT PLUS (CC+)

Ohio's 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.
- Your district will provide information about the College Credit Plus program to all students entering grades 7-12. An informational session will be held and all colleges and universities within a 30-mile radius will be invited to attend. If you cannot attend, schedule an appointment with your school counselor.
- By **April 1 or Nov. 1st** 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).