

Leetonia Exempted Village School District

2026-2027

**High School
Program of Studies**



**450 Walnut Street
Leetonia, OH 44431
(330) 427- 6594**

Dear Students,

This 2026-2027 Program of Studies is designed to acquaint you with the various programs and courses offered at Leetonia High School. There are many options to consider when planning your personal schedule. Many opportunities exist across the curriculum from required courses in core academic areas to a variety of electives. Whether your future plans include college, the world of work, or the military, we have a program to match your needs. Please consider your schedule very carefully. Good planning and course selection in the beginning of the scheduling process will help in our efforts to give you the priorities you choose. While every effort will be made to provide you the courses you select no guarantees can be made. Be sure to include your parents and your counselor in all decisions concerning your schedule. As you plan for next year, read this information carefully. Ask questions and take a serious look at your educational goals. Please take advantage of the opportunities you have now to bring you greater success in the future!

Sincerely,

[Timothy Fairfield](#)
Principal

Non Discrimination Statement (Title IX)

All of the courses, programs, and activities presented in this booklet are open to all students without regard to race, color, national origin, sex, or disability. This policy meets all requirements and directions of the U.S. Department of Education under Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973.

CURRICULUM & INSTRUCTIONAL PHILOSOPHY

The Leetonia Exempted Village School District curriculum and instructional design is grounded in the belief that the focus for all teaching and learning is focused on the student. In order to grow and develop independent student learners who are able to problem solve, think critically, and communicate in a rapidly changing society, we believe that it is our duty to provide students with meaningful learning experiences embedded within our curriculum.

As a means to cultivate independent learners, our goals are to align our curriculum with Ohio's Learning Standards. Additionally, the district continues to make efforts to create and maintain high measurable standards for performance through ongoing assessment opportunities for students. We believe in providing instruction that is based on research based practices and includes opportunities for student choices and individualization.

A constructivist theory of learning fuels the workshop approach for classroom instruction. Leetonia Exempted Village School District believes that students construct knowledge and meaning, rather than merely reproducing the knowledge of others. Students construct knowledge when they have opportunities to interpret, evaluate, analyze, synthesize, and organize information. This style of teaching emphasizes a dialogue with students in which they structure their learning around big ideas and concepts while persevering through problems that are relevant to everyday life.

GRADUATION REQUIREMENTS

Leetonia High School Graduation Credit Requirements

Courses	LHS Minimum
English Language Arts	4
Mathematics	4
Science	3
Social Studies	3
Health	.5
Physical Education	.5
Financial Literacy	.5
Public Speaking	.5
Rise Up/Ohio Means Jobs	.5
Electives	5.5
Total Credits	22

Twenty-two (22) units of credit shall be the minimum required by Leetonia Exempted Village School District for graduation. These shall be distributed as follows:

ENGLISH - 4 Credits

Students must take English 9, 10, 11, and 12. If these requirements are not met, the student will have to retake the failed English course during the following year. Note: Students may take additional English electives, but these do not replace required English courses, unless the building Principal approves. CCP English requires teacher recommendation.

MATHEMATICS - 4 Credits

Algebra I should be taken the Freshman year. Geometry should be taken the Sophomore year. Juniors will select Algebra II. Seniors will choose from Applied Math or CCP College Algebra/Statistics. CCP College Algebra/Statistics must be taken concurrently in the SENIOR year. A math class must be taken all four years of high school.

SCIENCE - 3 Credits

Physical Science is to be taken the Freshman year, Biology is to be taken the Sophomore year, Juniors can select *Honors Chemistry, or Environmental Science. Seniors can select *Honors Chemistry, *Honors Physics, CCP Biology/Anatomy or Forensic Science.

SOCIAL STUDIES - 3 Credits

U.S. History must be taken during the Freshman year. Modern World History must be taken during the Sophomore year. American Government must be taken during the Junior year. Psychology is considered an honors course and should be taken in 11th or 12th grade, and will be offered as CCP or online only.

HEALTH - 1/2 Credit (1 Semester)

Must be taken in the Sophomore year.

PHYSICAL EDUCATION 9 - 1/2 Credit (1/4 credit per semester)

This is to be scheduled during the Freshman year. PE waivers are available to those students that compete in a sport or are in the Marching Band.

FINANCIAL LITERACY - 1/2 Credit (1 Semester)

Must be taken the Sophomore year.

PUBLIC SPEAKING - 1/2 Credit (1 Semester)

Must be taken the Freshman year.

Rise Up - (12-point credential)/ Ohio Means Jobs - 1/2 credit (1 Semester)

Required class all Freshman

*With teacher recommendation

SCHEDULING PROCEDURE

1. Students must take a minimum of 6 classes per semester each school year. A maximum of 7 courses per semester may be selected, if no study halls are available. Taking the maximum courses will not reduce the minimum requirement for the following year.
2. Students planning to further their education at two year or four year colleges should plan to follow the college preparatory or the core curriculum recommended by colleges. The minimum core includes: (Note that foreign language is not required but recommended for those students who are planning to attend college)

English	4 units
Math	4 units
Science	3 units
Social Studies	3 units
Foreign Language	2 units
The Arts*	1 unit
Financial Literacy	.5 units

*Includes art, band or choir

Some colleges may require extensive preparation in specific subject areas. Check in the Counselor's office for more information on specific colleges and programs.

3. Schedule conflicts may occur if:
 - A. courses are taken out of sequence
 - B. college prep and non-college prep courses are mixed
 - C. courses must be repeated due to failure
 - D. certain classes may only be offered during the same periods.

The best possible schedule will be made for the student, according to the circumstances.

4. All students must have their final course selection sheets approved and signed by their parent or guardian. These must be returned by the date designated.
5. The counselor is available for parent conferences during the scheduling period. Call the High School office at 330-427-6594 ext. 31141 to make an appointment.
6. Once a signed course selection sheet is returned, registration becomes **final**.
7. Students who do not return their signed schedules by the date they are due, will have an appropriate schedule made by school personnel. This also becomes **final**.
8. Certain course choices will be subject to teacher approval. These are Honors English 11, Honors English 12, Spanish II, Honors Spanish III, Honors Spanish IV, Honors Chemistry, Honors Physics, Honors Pre-Calculus, Honors Calculus, Honors Psychology, and Band. An approval column is on the course selection sheet. Students must meet university requirements for all CCP courses. The respective teacher must sign prior to enrollment.
9. Because of the nature of the school schedule, class size, and other factors students will not be permitted to choose class periods or teachers.

PHYSICAL EDUCATION WAIVER

Students who have participated in interscholastic athletics, marching band or cheerleading for at least two (2) full seasons as defined in the Leetonia High School handbook, while enrolled in grades 9 through 12 and as documented by the Instructor/Head Coach may be excused from the high school physical education requirement. Students electing such an excuse shall complete one-half (1/2) units of at least sixty (60) hours of instruction in another course of study which is designated by the Board as meeting the high school curriculum requirements. See the high school counselor for more information

SCHEDULE CHANGES

Every student is given an opportunity to discuss his/her selections with the counselor before submitting the course selection sheet. Thereafter, schedule changes will be limited to the following:

1. Students may drop an elective course provided they maintain the required total credits each semester. The following guidelines will apply:
 - A. Unless switching to another class, students must remain in a yearly course for a minimum of one (1) week; students in a semester course must remain in the class for a minimum of three (3) days.
 - B. Following the 1 week or 3-day period, students may drop a class without any recorded grade. Beyond this time a student may drop but will be issued a failing grade in their academic record. (WDF)
 - C. Students' ability to drop a class and enroll in another can occur only with authorization of the counselor/administration. Number of days already missed and class filling capacities must be considered. There should not be an expectation that this can occur.
 - D. A form authorizing the drop(s) must be signed by the parent, teacher, counselor and principal; the form is available in the counselor's office.
2. If, through a conference with the student, parent and counselor, it is decided by the counselor that a change is necessary for the welfare of the student, a schedule change may be made. The teacher will be informed of the reasons for withdrawal from the course.
3. Disciplinary removal from a required course will result in a final failing grade.
4. Students may be able to change sections within a department upon the recommendation of the counselor. The student's grades will carry over to the different sections.

ASSESSMENTS/GRADUATION REQUIREMENTS

Students must meet three requirements: Course Credit, Competency, and Readiness.

(1) COURSE CREDIT Leetonia students are required to earn at least 22 credits. Students must then decide how they will round out their diploma requirements. For the class of 2023 and beyond as follows:

(2) SHOW COMPETENCY by earning a passing score on Ohio's high school Algebra I and English II test. Students who do not pass the test will be offered additional support and **must retake the test at least once.**

Students can earn from 1-5 points for each exam, based on their performance.

5 -- Advanced

4 -- Accelerated

3 -- Proficient

2 -- Basic

1 -- Limited

If testing is not your strength, after you have taken your test, there are three additional ways to show COMPETENCY.

Option 1: Demonstrate two Career-Focused activities one must be foundational:

Foundational: Proficient scores on WebXams

A 12-point industry credential

A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting: Work-based learning

Earn the required score on WorkKeys

Earn the Ohio Means Jobs Readiness Seal

Option 2: Enlist in the Military Show evidence that you have signed a contract to enter a branch of the U.S. Armed Services upon graduation.

Option 3: Complete College Coursework:

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

(3) SHOW READINESS by earning two of the following seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills, and knowledge that align to your passions and interests allowing you to plan your steps after high school At least one of the two must be Ohio designed:

Ohio Means Jobs Readiness Seal (Ohio)

Industry Recognized Credential Seal (Ohio)

College Ready Seal (Ohio)

Military Enlistment Seal (Ohio)

Citizenship Seal (Ohio)

Science Seal (Ohio)

Honors Diploma Seal (Ohio)

Biliteracy Seal (Ohio)

Technology Seal (Ohio)

Community Seal (Local)

Fine and Performing Arts Seal (Local)

Student Engagement seal (Local)

For more information on Graduation Requirements, please see the counselor or principal

Honors Diploma (class of 2026 and beyond)

Students must meet general graduation requirements and complete the requirements outlined below to qualify for Ohio Honors Diploma. **Students must meet all but one of the 8 requirements.** Students may replace an additional one requirement of either 4, 5, or 6 with a *Student Strength Demonstration." (See Below)

1. Math: 4th Math must be greater than Algebra 2
2. Science: One additional unit Advanced Science
3. Social Studies: One additional unit Social Studies
4. World Language: Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5. GPA: 3.5 on a 4.0 scale
6. ACT/SAT: Act: Score of 27 or higher, SAT: Score of 1280 or higher
7. Seal Requirement: Earn two additional diploma seals, not including Honors Diploma Seal
8. Experiential Learning: Field Experience, Ohio Means Jobs Readiness Seal, Portfolio or Work Based Learning

***Student Strength Demonstration Replacement:**

College Credit Plus: 12 total College Credit Plus credit hours

Advance Placement: 3 course with score of 3 or higher on AP tests

Career-Technical Assurance Guide (CTAG): 12 total credits

Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18

Armed Services Vocational Battery (ASVAB): Score of 50 or above

Work-Based Learning: 250 total hours of work-based learning

NOTE: See High School Counselor with questions for more details

GRADE CLASSIFICATION

First year high school students are classified as Freshmen. To be classified as a Sophomore a student must have a minimum of 5 credits. To be classified as a Junior a student must have a minimum of 10 credits including the basic requirements for Freshmen and Sophomores (2 units of English, 2 of Math, 2 of Social Studies, 2 of Science, 1/2 PE, 1/2 of Health). To be classified as a Senior a student must have a minimum of 15 credits. There will be opportunities for students to make up credits in which they are deficient (summer school, intervention, etc.).

FAILURES

A student failing a required subject must repeat the subject to be eligible for graduation.

EDUCATIONAL OPTIONS

Summer School: In the event that a summer school program is not available in our district, we will cooperate with various summer school programs in our area. For information about available opportunities, interested students should contact the counselor.

Educational Options: Students who have no opportunity to reschedule a make-up class may find it necessary to take a virtual course. This must be done through the counselor's office. Virtual work should not be approved for the purpose of avoiding a teacher or class offered in the home school, and will only be taken when there are schedule conflicts or for enrichment. Educational options may be accepted in lieu of regular class instruction for expanding the school's curriculum in subjects essential for enriching the educational opportunity, not replacing the available high school course. Educational options should be considered for credit recovery, to make-up failed subjects, grade placement, or repeat of a foundation course, only if the student cannot be placed back into the class. It is follow up to coursework previously attempted in much the same way that a summer school class is aimed toward "at risk" pupils and remediation. There may be a cost involved when taking a virtual course.

Home Instruction: A student who must be confined to home or hospital for a period of time because of some serious illness or injury is eligible for home instruction. Parents must contact the school to request home instruction. A physician's statement is necessary to determine eligibility.

College Credit Plus: High school students who qualify may apply for early college enrollment. Information regarding this program will be made available to interested students in the winter of each year for the following year's consideration. Sample Pathways for 15 credit hours and 30 credit hours are available in the counselor's office.

Columbiana County Career & Technical Center: Leetonia High School students in grades 11 and 12 have the option to choose from many vocational programs at the CCCTC. Application for these programs must be made through the counselor. Full and half day options are available.

GRADING POLICY

The following percentage is used to determine letter grades:

100-90 = A

80-89 = B

70-79 = C

60-69 = D

59 or below = F

The following courses are Honors Courses

CCP English

CCP Biology/Anatomy

CCP Math

Honors Psychology CCP or online

Honors Chemistry

Honors Spanish III

Honors Physics

Honors Spanish IV

Honors Band

Other coursework may be included (college level work such as College Credit Plus...etc. with Principal approval).

MAKE-UP WORK

All tests and exams must be made up. A student will be required to take pre-scheduled tests and exams even if he/she has been absent the day before.

Incomplete work following illness will revert to an "F" unless made up within the total number of days the student was absent. This would also apply to a 9-week grade. An incomplete grade at the end of a year will automatically be a failure (F) and result in no credit.

Absence due to illness would be the only reason for not turning in a project on time. Because projects are assigned far in advance, the student must submit his/her project on the day he/she returns to school.

HONOR STUDENTS

All "A" Honor Roll: Those students who earn a 4.0 GPA and take at least 6 classes.

Honor Roll: Those students who earn a grade point average between 3.2 and 3.99, have not received a "D" in any subject during a 9-week period and are taking the minimum 6 classes.

Semester and Final grades will not be used to determine All "A" Honor Roll status.

GRADE POINT AVERAGE AND CLASS RANK

Cumulative grade point average is determined by the student's final grade. Class ranking for purposes of "Leetonia Top of the Class", college applications, announcements, etc. will be based on seven (7) semesters of high school. The official class ranking is based on the final grades at the end of the eight (8th) semester. Please note that class rank could change from the 7th to the 8th semester.

In order to be eligible for any and all honors involving a student's graduating class, the student must have completed a minimum of twelve (12) credits at Leetonia High School. This would include having spent the senior year at Leetonia Schools (all four quarters). To have a Leetonia High School Rank, students must have attended for a minimum of 5 semesters.



COURSE DESCRIPTIONS

Below are the course offerings. Make sure that you will meet the prerequisite for any course you sign up for. Consider courses that will be interesting and challenging to you.

ENGLISH

ENGLISH 9 Course Code 001

Full Year - 1 Credit

GRADE LEVEL: 9 Required

This is the first part of a sequential program combining the basics of grammar, composition, literature, and speech. Students are introduced to several genres of literature, poetry, and informational text from various locations in the world. Students will also have the opportunity to be creative in their work through various rigorous projects. Students will write weekly in formats of daily journals, short answer paragraphs, informative essays, persuasive essays, and argumentative essays.

ENGLISH 10 Course Code 002

Full Year - 1 Credit

GRADE LEVEL: 10 Required

PREREQUISITE: English 9

This is the second part of a sequential program combining the basics of grammar, various forms of composition, World Literature and the basics of speech. Emphasis is placed on preparation for the end of the year exam.

PUBLIC SPEAKING Course Code 004

1 Semester - 1/2 Credit

GRADE LEVEL: 9 Required

The overall objective in Speech is to encourage student participation in the practice of basic speech activities. This course has been designed to present the student with an adequate introduction to the rhetorical principles of effective speaking with an emphasis on selecting, organizing, and communicating ideas. Included are projects that offer the student a variety of common expository, narrative, descriptive, and persuasive situations. In addition, aspects of group discussion, oral reading, basic communication, and phonology are dealt with in this course. Speech is recommended for any student planning a college education or a career in sales or public service.

ENGLISH 11 Course Code 003

Full Year - 1 Credit

GRADE LEVEL 11 Required

PREREQUISITE: English 10

English 11 is a course that focuses primarily on American literature. Students are expected to read several genres of literature including the American novel, the memoir and the biography. Students write a research paper, prepare, and participate in a variety of enriched reading and writing experiences that meet all of the integrated language arts Ohio State Standards.

CCP STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY

1 Semester - 1 Credit, 3 College Semester Hours

GRADE LEVEL: 11

PREREQUISITE: Teacher Recommendation TEACHER SIGNATURE REQUIRED

Great works of world literature read in English, from 1700 to today, covering a wide range of ethnic and national voices, genres, and traditions. The syllabus is mostly arranged in chronological order to provide an overview of the literature that shaped the cultural and intellectual development of the world. You will get a sampling of works from the Enlightenment, and Age of Revolution, the Modern Era, and Contemporary literature in order to experience as much of a variety as practically possible.

CCP COLLEGE WRITING

1 Semester - 1 Credit, 3 College Semester Hours

GRADE LEVEL: 11

This course may be used to satisfy a Kent requirement. The Kent Core as a whole is intended to broaden intellectual perspectives, foster ethical and humanitarian values, and prepare students for responsible citizenship and productive careers. This course will draw connections between writing, literacy, and identity in order to introduce you to aspects of academic writing, including writing processes for drafting, composing, revising, and editing. Specifically, this class will focus on the ubiquitous and rhetorically powerful nature of writing as a means for generating discussions, writing personal narratives, critically reading, recognizing composing as a process, reflecting while writing and learning, and creating multimodal compositions. Along the way, we will read relevant materials about—you guessed it—writing.

ENGLISH 12 Course Code 011

Full Year - 1 Credit

GRADE LEVEL: 12 Required

PREREQUISITE: English 11

This course is designed to help the student planning to attend a university, community college, or technical school. Basic grammar, vocabulary, various writing techniques, and an introduction to British literature are covered. Students participate in a variety of projects that meet all the Ohio State Standards.

CCP STORIES THAT BUILT THE WORLD: HEROES, QUESTS AND LEGENDS

1 Semester - 1 Credit, 3 College Semester Hours

GRADE LEVEL: 12

PREREQUISITE: Teacher Recommendation TEACHER SIGNATURE REQUIRED

Great works of world literature read in English, from the ancient world to 1700, covering a wide range of ethnic and national voices, genres, and traditions. The syllabus is mostly arranged in chronological order to provide an overview of the literature that shaped the cultural and intellectual development of the world. You will get a sampling of works from the ancient, medieval, and Renaissance eras in order to experience as much of the variety of literature as practically possible.

CCP RESEARCH WRITING

1 Semester - 1 Credit, 3 College Semester Hours

GRADE LEVEL: 12

PREREQUISITE: College Writing

Continuation of college-level writing instruction with emphasis on research and inquiry, culminating in a lengthy written and/or multimodal project.

MATHEMATICS

ALGEBRA I Course Code 035

Full Year - 1 Credit

GRADE LEVEL 9 Required

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in middle school. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout each course and together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The five units are as follows: Relationships between Quantities and Reasoning with Equations, Linear and Exponential Relationships, Descriptive Statistics, Expressions and Equations, and Quadratic Functions and Modeling.

GEOMETRY Course Code 034

Full Year - 1 Credit

GRADE LEVEL: 10 Required

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school CCSS. The Mathematical Practice Standards apply throughout each course and together with the content standards. Prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

ALGEBRA II Course Code 033

Full Year - 1 Credit

GRADE LEVEL: 11 Required

PREREQUISITE: Algebra I and Geometry

Building on their work with linear, quadratic, and exponential functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

APPLIED MATH Course Code 032

Full Year - 1 Credit

GRADE LEVEL: 12

PREREQUISITE: Algebra I, Geometry, Algebra II

A course designed for students in grade 12. Content includes new topics including consumer math and revisits some previously addressed topics with emphasis on preparation for college mathematics; including trigonometry, logarithms, conic sections, the general growth formula, absolute value equations and inequalities. The course also introduces the student into consumer math and many post high school applications of math.

CCP COLLEGE ALGEBRA

1 Semester - 1 Credit, 4 College Semester Hours

GRADE LEVEL: 12

PREREQUISITE: YSU Math Placement Level 46 or higher

This course is primarily intended to prepare STEM students. Topics include real numbers, equations and inequalities, linear, quadratic, polynomial, exponential, and logarithmic functions, graphing techniques, systems of equations, and applications. The course fulfills the general education requirements for mathematics.

CCP STATISTICAL LITERACY AND CRITICAL REASONING

1 Semester - 1 Credit, 4 College Semester Hours

GRADE LEVEL: 12

PREREQUISITE: At least Mathematics Placement Level 25

An introduction to statistics and its applications. Topics include descriptive statistics, experimental design, probability sampling distribution, statistical inference, correlation and regression. Emphasis on applications, critical reasoning, and data analysis using statistical software.

SCIENCE

PHYSICAL SCIENCE Course Code 062

Full Year - 1 Credit

GRADE LEVEL: 9 Required

This course is designed to meet the standards of the Ohio Academic Standards for ninth grade science students. The topics covered in this course include introductions to physics, chemistry, and Earth science, as well as a unit on the scientific process. The physics and chemistry portions of the class includes the study of the nature of matter, the nature of energy, and forces and motion. The Earth and space science portions of the course include the study of the universe, Earth systems, and processes that shape the Earth. Themes that will be integrated throughout the course are Science and Technology, Scientific ways of knowing, and historical perspectives and scientific revolutions. This class must be taken by all ninth grade students.

BIOLOGY Course Code 068

Full Year - 1 Credit

GRADE LEVEL: 10 Required

PREREQUISITE: Physical Science

Biology is a class that studies living things. This course is designed to meet Ohio's New Learning Standards in Biology. The course investigates the following fundamental concepts: cells, heredity, diversity of life, and evolution. This course provides a framework through inquiry based instruction to explore the living world. Students will engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world application. This class must be taken by all tenth grade students.

GENERAL CHEMISTRY Course Code

Full Year - 1 Credit

GRADE LEVEL: 11,12

PREREQUISITE: Two Science Credits

General Chemistry provides an introductory overview of fundamental chemical concepts, including atomic structure, chemical bonding, chemical reactions, solutions, states of matter, stoichiometry, thermodynamics, kinetics, equilibrium, and the periodic table, accompanied by laboratory experiments to apply theoretical knowledge practically.

HONORS CHEMISTRY Course Code 060

Full Year - 1 Credit with Lab

GRADE LEVEL: 11 and 12 ONLY

PREREQUISITE: Students must be of higher ability in math and science. This is demonstrated by completion of Algebra I, Physical Science, and Biology prerequisites. TEACHER RECOMMENDATION FROM ALGEBRA I TEACHER AND BIOLOGY TEACHER.

Honors Course

Chemistry is the study of matter, how it changes, and how energy is involved in these changes. Topics covered include: study of the metric system, dimensional analysis, density, physical and chemical properties of matter, atomic structure and theories, chemical periodicity, formula naming, molecular geometry, bonding, mole concept, reaction types and prediction, gas laws, stoichiometry, and acids and bases. Lab required.

CCP BIOLOGY (with lab) Course Code

1 Semester - 1 Credit, 4 YSU Semester Hours

GRADE LEVEL: 11, 12

COREQUIREMENT: BIOL 2601L (Lab). PREREQUISITE OR COREQUISITE: Chemistry

This CCP Biology I class is offered through YSU. It covers Molecules and Cells. The chemical and physical foundation of life, structure, and function of cells, organelles, metabolism, basic molecular biology and inheritance, and principles of evolution. Three hours of lecture per week.

CCP ANATOMY AND PHYSIOLOGY (with lab) Course Code

1 Semester - 1 Credit, 4 YSU Semester Hours

GRADE LEVEL: 11, 12

PREREQUISITE: Grade of C or better in High School Biology, High School Chemistry

This CCP Anatomy and Physiology I class is offered through YSU. It covers structure, function, and clinical application of the integument, musculature, skeletal, and nervous systems. Three hours of lecture.

ENVIRONMENTAL SCIENCE Course Code 069

Full Year - 1 Credit

GRADE LEVEL: 11, 12

PREREQUISITE: Two Science Credits (Counts as an advance science)

Environmental Science is the study of interactions among the living and nonliving parts of the environment. It studies both the physical as well as the social sciences. This course is designed to meet Ohio's New Learning Standards in Environmental Science. The topics include Earth Systems, Interconnected Spheres of Earth (Biosphere, Atmosphere, Lithosphere, Hydrosphere, and movement of matter and energy through the spheres) and Earth's Resources (Energy resources, Air and air pollution, water and water pollution, soil and land). This course will also incorporate STEM into the curriculum.

FORENSIC SCIENCE I & II Course Code 063/064

1 Semester - 1/2 Credit

GRADE LEVEL: 10, 11, 12

Forensic Science is a laboratory based science class designed for students who are interested in forensic science. The purpose of this course is for students to gain experience in the major investigative techniques currently used by forensic scientists and crime scene investigators, and to develop an understanding of the scientific concepts which serve as the basis for these techniques. Emphasis is on scientific investigation and process, observation skills, microscopy, hairs, fibers, fingerprints, DNA, blood, entomology, forensic anthropology, autopsy, and death.

HONORS PHYSICS Course Code 060,

Full Year - 1 Credit with Lab

GRADE LEVEL: 12 ONLY

PREREQUISITE: Students must be of higher ability in math and science. This is demonstrated by completion of both Algebra II and Chemistry. Students must be concurrently enrolled in Pre-Calculus or Calculus. TEACHER RECOMMENDATION FROM BOTH MATH AND SCIENCE PREREQUISITES

Honors Course

Physics is concerned with the study of energy and forces. Topics covered include: Newtonian motion, energy and work, thermal energy, waves, sound, light, electricity, and atomic physics. Students enrolled in this course will participate in many labs, hands-on activities, and some extra-curricular projects throughout the year that correlate to the topics covered in class. This provides students with a sense of the application of theoretical science in technology and the design process and is excellent preparation for engineering fields. Lab required.

SOCIAL STUDIES

U.S. HISTORY Course Code 019

1 Semester Freshman Year - 1/2 Credit

Sophomore Year - Full year 1 Credit

GRADE LEVEL: 9th/10th Required

Continued 10th grade for 1 credit

This course analyzes and traces the evolution of the nation from that of a rural traditional nation to that of Western status. The students will be responsible for evaluating the cause and effect of the emerging nation's actions, studying controversies, cover-ups, and conspiracies that marred the nation's development. Essential questions that will be studied are: What lies in wait for the young nation's future? What is, and should be, our role in global society? These and other questions will be posted and discussed in this course.

MODERN WORLD HISTORY Course Code 021

1 Semester - 1/2 Credit

GRADE LEVEL: 9th Required

This course examines world events from 1600 to the present. It explores the impact of the age of enlightenment, democratic and industrial revolutions, the imperialistic forces that led the world domination by European powers, the world wars that changed empires, the ideas that led to independence movements, conflicting political and economic ideologies resulting in the Cold War, and the effects and challenges of global interdependence. The concepts of historical thinking introduced in earlier grades will continue to build, with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

AMERICAN GOVERNMENT Course Code 022

Full year - 1 Credit

GRADE LEVEL: 11th Required

PREREQUISITE: It is advised that students take American Government during their Junior year after taking required social studies courses in 9th and 10th grades.

This course provides a survey of the organization of American Government, which includes an overview of the historical significance and provisions of the Constitution, the Bill of Rights, Congress, the Supreme Court, the Presidency, political parties and interest groups. The purpose of the course is to lay the proper foundation for informed citizenship and more specialized study in political science.

HONORS PSYCHOLOGY Course Code 023

Full year - 1 Credit

GRADE LEVEL: 11, 12

PREREQUISITE: Students must have teacher recommendation. Only Juniors and Seniors may elect to take this course. Course CCP or online only

Honors Course

This course surveys the major principles of psychology. The history of psychology, noted individuals prominent in the field of psychology, human development, abnormal behavior, social psychology, feelings and emotions, research methodologies, psycho sociology, learning memory, intelligence, altered state of awareness, sleep and dreams, and careers in the field of psychology are introduced.

HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION 9 Course Code 070

Full Year - 1/2 Credit

GRADE LEVEL: 9th Required

This is a general activity course that introduces students to a variety of physical education activities based on the size and makeup of the class. Examples are team sports, individual sports, weightlifting and physical fitness.

HEALTH Course Code 073

1 Semester - 1/2 Credit

GRADE LEVEL: 10th Required

This course includes the study of body systems, nutrition, growth and development, tobacco/alcohol/drugs, disease prevention, mental, physical, and emotional health, and safety/first aid.

WEIGHTLIFTING Course Code 072

1 Semester - 1/2 Credit

GRADE LEVEL: 9, 10, 11, 12

This class will allow those students who wish to enhance their strength and endurance by weight training. Each day students will be required to fill out their lifting charts by completing their exercises. This class will meet in the weight room daily. Weightlifting may be taken for credit each semester.

ATHLETIC CONDITIONING Course Code

1 Semester – 1/2 Credit

GRADE LEVEL: 9, 10, 11, 12

Athletic conditioning is a class for athletes combining strength training, aerobic conditioning, and agility training to improve performance. The goal is to increase strength and endurance, reduce the risk of injury, and improve technique. What to expect:

- **Strength training:** Exercises like deadlifts, pull-ups, and kettlebell swings
- **Aerobic conditioning:** Continuous training, interval training, or fartlek training
- **Agility training:** Exercises like ladder drills, box jumps, and lateral bounds
- **Sport-specific training:** Exercises tailored to the athlete's sport
Benefits: Improved strength and endurance, Reduced risk of injury, Improved technique, and enhanced athletic performance

WORLD LANGUAGES

SPANISH I Course Code 081

Full Year - 1 Credit

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: English grade of a C or above in 8th Grade

Students perform the most basic functions of the language and become familiar with some elements of the culture. Emphasis is placed on the development of the skills of listening, speaking, reading and writing within a given context. The context focuses on students' lives and experiences and includes exposure to everyday customs and lifestyles. Grammar and vocabulary are integrated throughout the course and reinforced through listening and speaking activities.

SPANISH II Course Code 082

Full Year - 1 Credit

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Spanish I with a final grade of a C or above

Spanish II builds upon knowledge gained in Spanish I. This course provides students with the opportunity to continue the development of their listening, speaking, reading and writing skills. Emphasis is on mastery of the basic grammatical structures, and increased communicative proficiency. Students will develop a better understanding of similarities and differences between beliefs, values and traditions of various cultures.

HONORS SPANISH III Course Code 083

Full year - 1 Credit

GRADE LEVEL: 11, 12

PREREQUISITE: Spanish II with a final grade of a C or above

Honors Course

Spanish III builds upon knowledge gained in Spanish I and II. The course is for the ambitious student to continue their knowledge of spoken and written Spanish through listening, speaking, reading, and writing skills. Students satisfy limited communication and social interaction demands, as well as initiate and maintain face-to-face communication. Honors level allows the student to fulfill college entrance requirements and achieve high ability in the Spanish language by learning more sophisticated terms, grammatical concepts and use of language expression.

HONORS SPANISH IV Course Code 084

Full Year - 1 Credit

GRADE LEVEL: 12th

PREREQUISITE: Spanish III and Teacher Recommendation

Honors Course

The major focus of Spanish Level 4 is to enable students to communicate in writing and extended conversations on a variety of topics. This course serves to fulfill many college degree requirements in World Language as well as to improve oral fluency and communication. Students begin to narrate, discuss, and support fairly complex ideas. They also satisfy routine social demands and meet most social requirements. Finer points of grammar are studied to aid oral and written communication. Evaluation is based on written work, verbal communication and listening comprehension.

ART

ART Course Code 121Y

Full Year - 1 Credit

GRADE LEVEL: 9, 10, 11, 12

This course entails the Breath Approach. Concepts, materials, techniques, tools and vocabulary are studied in a sequence of interrelated assignments involving two-dimensional design, three dimensional design, and some drawing. Students develop their ability to manipulate and organize ideas to communicate, solve problems, and express themselves through visual language.

CERAMICS Course Code 125

Full Year - 1 Credit

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Art I for Ceramics I and Ceramics I for Ceramics II with a final grade of C or above

Explore the exciting world of poetry through this hands-on art form. Students learn to roll coils of clay and layer them, cut and mold slabs, and decorate and glaze their works to create functional and decorative pieces. Ceramic II students will be introduced to the pottery wheel and create simple, functional pieces.

PAINTING Course Code 1213

1 Semester - 1/2 Credit

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Art I with a final grade of C or above

Builds upon foundations, includes level paint application, design, color effects, and stylistic choices by developing students' abilities to communicate.

CREATIVE DRAWING Course Code 1214

1 Semester -1/2 Credit

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Art I with a grade of C or better

This course emphasizes critical thinking in conjunction with fundamental techniques. Building on this foundation, techniques of gradually increasing complexity are expected. Course may be repeated

PHOTOGRAPHY Course Code 123

1 Semester - 1/2 Credit

GRADE LEVEL: 10, 11, 12

Anyone can take pictures but not everyone can be a photographer. Photography is the act of creating photos that have been shot and processed by a mobile phone. You will develop your creativity, embrace the expressive medium and exercise your aesthetic judgment all with the use of your iPhone or smartphone and photography apps.

CRAFTS Course Code 20240

1 Semester - 1/2 Credit

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Art I with a final grade of C or above, or teacher approval

Students acquire hands-on skills in fiber arts including weaving, fabric crafting, textile design, and soft sculpture. Emphasis is placed on craftsmanship, creativity, and the exploration of materials, techniques, and design. Students study works by professional fiber artists and develop their own projects that demonstrate creative problem-solving and personal expression.

INDEPENDENT STUDY IN ART Course Code

1 Semester - 1/2 Credit

GRADE LEVEL: 11, 12

PREREQUISITE: Art I and at least one advanced art course with a final grade of C or above, or teacher approval.

This course is designed for highly motivated art students who wish to pursue independent work in a specific area of visual art. Students develop an individualized plan of study with the instructor that may include drawing, painting, ceramics, photography, printmaking, digital media, or mixed media. Emphasis is placed on experimentation, craftsmanship, creative problem-solving, and portfolio development through a series of self-directed projects and critiques.

MUSIC

Note: Band taken during 7th or 8th grade may count towards fine arts requirement for graduation, with proper documentation.

BAND Course Code 151

Full Year - 1 Credit each year

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Junior High Band, or previous band credit, or director approval. Teacher signature required.

This is a “co-curricular” activity. This class involves both marching and concert band and must be taken for the entire year. The class will build upon previous lessons in rhythm, intonation, style, articulation, and vocabulary. Students have the opportunity to apply for 1/4 physical education credit upon completion of a full marching band season. Attendance at class rehearsals and all performances, marching and concert, are required for the grade. Students will learn a variety of music, and participate in numerous community performances (parades, football games, and competitions). Rehearsals begin in the summer and continue through the fall.

Course begins in late July/August at director and staff discretion.

FAMILY AND CONSUMER SCIENCE

(FCS Courses may be repeated during the 4 years of High School)

BEAR GRILL Course Code 105

1 Semester – 1/2 credit offered every year

GRADE LEVEL: 9, 10, 11, 12

This is a course where students who love to cook will learn more about healthy foods and create them in the cooking lab. Students will learn safe food handling, preparation and clean-up to provide for themselves and the community. Students will explore the cultural influence on food choices and prepare authentic recipes. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

This course will cover the state standards for Principles of Food. **Career Tech Code: 091205**

CREATIVE COOKING Course Code 104

1 Semester - 1/2 credit offered every other year

GRADE LEVEL: 9, 10, 11, 12

In this course students will develop their baking skills to compare different ingredients and cooking methods. Students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high risk food safety situations. In this course, students will apply fundamental culinary techniques such as knife handling skills, and the recognition, selection, and proper use of tools and equipment. Students will compete in Cupcake Wars. This course will cover the state standards for Culinary Fundamentals. **Career Tech Code: 091220**

SURVIVAL FOR SINGLES Course Code 113

1 Semester - 1/2 credit

GRADE LEVEL: 9, 10, 11, 12

This is a course that will help students enhance their personal development and interaction with others during high school and after graduation. Areas to be covered include: dating, living on your own, renting an apartment, preparing simple meals, consumer decision making skills and budgeting. Real life situations and cooking labs will allow the student to practice decision making skills necessary for life. Throughout the course, students will develop communication, leadership, and career investigation skills. Students accomplish laundry skills during the course.

This course will cover the state standards for Intro of FCS. **Career Tech Code: 091201**

CHILD DEVELOPMENT Course Code 112

1 Semester - 1/2 credit

GRADE LEVEL: 9, 10, 11, 12

Child Development focuses on the decisions and responsibilities that are a part of being a parent. Students will study the development of newborns, toddlers, and preschoolers. Content includes: researching the impact of the parenting role, prenatal development, health and nutrition for mother and infant, infant development, and an overview of child development. Students will be able to take home a computerized baby to simulate the experience of being a new parent. This course will cover the state standards for Human Services. **Career Tech Code: 091025**

EARLY CHILDHOOD EDUCATION Course Code 111

1 Semester - 1/2 credit

GRADE LEVEL: 9, 10, 11, 12

Early Childhood Education focuses on developing your teaching skills necessary to be successful in, and happily nurture and care for young children. Students may practice their skills in a preschool or elementary setting to benefit the community. We will also cover child care management, working with special needs children and professional child care careers. Students will be able to take home a computerized baby to simulate the experience of being a new parent. This course will cover the state standards for Human Growth and Development. **Career Tech Code: 093015**

CLOTHING I Course Code 101

1 Semester - ½ credit offered every other year

GRADE LEVEL: 9, 10, 11, 12

In this course students will explore a range of topics relating to the various aspects of textiles and career opportunities available in the field of clothing in STEM related projects. Projects will consist of, but not be limited to, sewing a scarf, pillowcase, quilt and individual projects. A service learning donation sewing project will be assigned. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include project collaboration, design techniques and environmental sustainability. This course will cover the state standards for Textiles and Interior Design. **Career Tech Code: 091501**

FINANCIAL LITERACY Course Code 180

1 Semester - 1/2 Credit

GRADE LEVEL: 10th Required

The purpose of this course is to prepare students to make sound financial decisions. It seeks to develop students' skills and knowledge in money management; spending and credit; saving and investing; becoming a critical consumer; financial responsibility and decision making; and risk management and insurance.

STEM/TECHNOLOGY

ROBOTICS Course Code 2100

1 Semester - 1/2 Credit

GRADE LEVEL: 9, 10, 11, 12

Robotics applies basic STEM concepts. Students will collaborate in teams to design, build, and code VEX V5 robots to compete locally after school and occasionally on a Saturday to earn placement to State and/or World Competitions. Participation in competitions is required. Course can be repeated

FUTURE READY: GROWING IN AN AI AND DIGITAL WORLD Course Code

1 Semester - ½ Credit

GRADE LEVEL: 9,10,11,12

This elective course introduces students to the responsible, effective, and ethical use of artificial intelligence in academic, professional, and everyday settings. Students will explore how AI tools work, how they are used across industries, and how to evaluate their benefits and limitations. Emphasis is placed on using AI as a support for learning, creativity, and problem-solving rather than as a replacement for critical thinking.

In addition to AI literacy, the course focuses on digital safety and responsible online behavior as students prepare for life beyond high school. Topics include data privacy, digital footprints, misinformation, cybersecurity basics, ethical decision-making, and maintaining personal and professional boundaries online. Students will learn how to protect their identities, evaluate online courses, and understand the long-term impact of their digital choices.

Through hands-on activities, real-world scenarios, and guided discussions, students will develop practical skills for navigating emerging technologies confidently and responsibly. By the end of the course, students will be equipped to use AI tools thoughtfully, make informed digital decisions, and participate safely and ethically in an increasingly technology-driven world.

TECHNOLOGY SKILLS FOR LIFE AFTER HIGH SCHOOL Course Code

1 Semester - ½ credit

GRADE LEVEL:10,11,12

This elective course equips students with essential technology skills needed for college, careers and life beyond high school. Students gain hands-on experience using Microsoft Word, PowerPoint, Excel, and other productivity tools to create professional documents, presentations, and organized data.

Students will also apply these skills to real-world tasks such as creating resumes and cover letters, preparing digital portfolios, organizing files, and developing presentations for interviews and professional settings. Emphasis is placed on building confidence, efficiency, and professionalism with technology to prepare students for post-secondary education and the modern workplace.

SCIENCE FICTION & THE FUTURE OF REALITY Course Code

1 Semester - 1/2 Credit

GRADE LEVEL: 10,11,12

This is an interdisciplinary course that explores the powerful connection between imagination and innovation. Students will examine how science fiction literature, television, and film have predicted, influenced, and reflected real scientific, technological, and social developments. From artificial intelligence and space travel to genetic engineering and virtual reality, this course asks a central question: What happens when science fiction becomes science fact?

Through novels, short stories, films and selected TV episodes, students will analyze the genre's major themes, including dystopian societies, human-machine relationships, space exploration, and the ethics of emerging technologies. Each unit connects fictional concepts to current events and real-world advancements in science, medicine, engineering, and society. Students will evaluate the accuracy of predictions made in science fiction and consider the ethical, cultural, and environmental impacts of new technologies.

This course emphasizes critical thinking, discussion, research and media literacy. Students will engage in debates, write

analytical and reflective pieces, and complete projects that compare fictional ideas with real scientific progress. By the end of the course, students will better understand how storytelling shapes innovation—and how today's discoveries may shape the future.

MISCELLANEOUS

E-SPORTS Course Code 400/410

1 Semester - 1/2 Credit

GRADE LEVEL: 9, 10, 11, 12

Students will use computer gaming to learn and reinforce skills such as (but not limited to): Teamwork, problem solving, social interaction (both as team members and online community members), creative thinking and leadership. Online gaming will be utilized in this learning environment and students will be required to create online avatars/characters to participate in this course. *Disclaimer: Games could include simulations of cartoon fighting.* Games being considered (but not finalized) for this class are: League of Legends, Rocket League, Hearthstone, and Fortnite. Class advisor, administrator and parent/guardian signature are required for consideration/participation in this class. Course can be repeated.

RISE UP/Ohio Means Jobs Course Code

1 Semester - 1/2 credit

Required by all 9th grade

Your students will develop basic customer service and math skills to conduct sales transactions. They will build an understanding of the retail industry, its impact on the economy and the diverse jobs available. And they will learn best practices for interviewing and exploring career paths. **Upon completion of the course students will have earned 12 credential points in the fields retail and hospitality, and counts as a graduation pathway**

PUBLICATIONS Course Code

Full year 1 Credit

GRADE LEVEL - 9, 10, 11, 12

This course will work on all aspects of the high school yearbook. Students will be assigned sections of the book and work within the parameters of the yearbook software to meet deadlines, record photographs of school events and publish the Leehiscan (the Leetonia High School yearbook).

CAREER SKILLS/CAREER LAB I, II Course Code 176 - (Careers must be taken with *Career Lab)

Full year - 2 Credits

GRADE LEVEL: 11, 12

PREQUISITE: Permission to take Career Exploration and Career Lab

Careers component can be taken as an elective for non-Career students for 1 credit

Career Exploration & Career Lab is for Junior and Senior students who are planning to enter the workforce after high school. Students in Career Exploration and Career lab are permitted to leave school early for cooperative work experiences under the supervision of the Career Instructor. The Career Exploration course includes career exploration and decision making, job hunting skills, writing effective resumes, interview skills, on-the-job safety issues, money management skills including banking and budgeting, making major purchases, and insurance issues. Students are encouraged to explore careers using classroom discussions and computer instruction. *Career lab is a paid/unpaid cooperative, off-site work experience worth 1 Credit.

