

Ridgedale Jr./Sr. High School



Course Description & Selection Guide 2025-2026 School Year

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General Information and Policies

Graduation Requirements

The following minimum standards must be met to graduate from Ridgedale High School. These requirements are the minimum standards that have been mandated by the State of Ohio Department of Education and the Ridgedale Local School Board of Education.

Students must complete the requirements in each of the two following categories (I and II)

I. Credits - Earn at least 21 credits that include the following:

English	4 credits (must include English I, II, III, and IV)
Math	4 credits (must include one credit of Algebra II)
Science	3 credits (must include one Physical and one Life science)
Social Studies	3 credits (must include World Hist., American Hist. & Government)
Financial Literacy	½ credit
Health	½ credit
Physical Education	½ credit (This is typically two semesters)
One Credit of a foreign language, fine art, business, or career-technical education course.	

II. Ohio Department of Education Requirements

A. **Must meet the criteria in BOTH Areas 1 AND 2**

1. Show Competency by fulfilling one of the following (a, b, or c):

- a. Earn a Passing Score on BOTH the English II (Sophomore Year) AND Algebra I (Freshman Year) End of Course Exams
 - i. Passing a College Credit Plus Class in English and/or Math can be used to replace the appropriate EOC
- b. Demonstrate Two Career Focused Activities
 - i. Foundational Skills (at least one must be in this category)
 - a. Proficient Score on WebXams
 - b. Earn a 12 Point Industry Credential
 - c. An Approved Pre-Apprenticeship Program or Acceptance into an Approved Apprenticeship Program
 - ii. Supporting Skills (at most one can be from this category)
 - a. Work Based Learning
 - b. Earn Passing Scores on the WorkKeys Exams
 - c. Earn the Ohio Means Jobs Readiness Seal
- c. Enlist in the Military

2.. Readiness – Students must earn at least **two** of the following Graduation Seals.

- a. Ohio Department of Education Designed Seals
 - Ohio Means Jobs Readiness
 - Science
 - Industry Credentials
 - Honors Diploma
 - College Ready
 - Biliteracy

- Military Enlistment
- Technology
- Citizenship
- Community Service
- Fine and Performing Arts
- Student Engagement

Honors Diploma

The types and standards for earning an Academic Honors Diploma are set annually by the Ohio Department of Education. Information about the meeting can be found on the ODEW website. The standards for an Academic Honors Diploma with the typical courses required at Ridgedale are listed below:

Students must meet all but one of the following criteria:

1. Four credits of Mathematics
2. Four credits of Science
3. Four credits of Social Studies
4. Three credits of the same Foreign Language or two credits in two different Foreign Languages
5. 3.5 GPA or higher on a 4.0 scale
6. ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7. Earn two additional diploma seals, not including Honors Diploma Seal
8. Field Experience & Portfolio, OhioMeansJobs Readiness Seal, or Work-Based Learning

Grade Point Average

There are two grade point averages calculated for each student. One uses the weighted grades for classes that are weighted. This system will use the weights from previous years for all students and the scale for current weighted classes. The second GPA does not use any weights for any classes. This is the GPA that most colleges request.

A student's grade point average will be determined using the final grade earned for each semester of classes taken for high school credit. The following values will be used for all classes to determine a student's un-weighted grade point average:

A	4.000	B+	3.333	C+	2.333	D+	1.333	F	0.000
A-	3.667	B	3.000	C	2.000	D	1.000		
		B-	2.667	C-	1.667	D-	0.667		

The following courses will be weighted for ranking class-ranking purposes:

<u>English</u>	<u>Math</u>	<u>Science</u>	<u>Social Studies</u>	<u>Foreign Language</u>
English III	Trig / Pre Calculus		CCP American Hist.	Spanish III
CCP English Comp I			CCP Psychology	Spanish IV
CCP English Comp II			CCP Life Span Dev.	
			Government	

Any other CCP Classes in the areas of English, Math, Science, Social Studies, or Foreign Language

The following scale will be used for the courses listed above:

A	4.333	B+	3.667	C+	2.667	D+	1.667	F	0.000
A-	4.000	B	3.333	C	2.333	D	1.333		
		B-	3.000	C-	2.000	D-	1.000		

Class Rank

Class rank will be determined using the weighted grading scale. A candidate for valedictorian (top student in the class) and salutatorian (second highest ranked student) must have successfully completed at least 25 credits towards graduation, and he/she must have attended at least four complete semesters at Ridgedale High School immediately prior to graduation. All class rankings (valuedictorian, salutatorian, etc.) will be determined at the end of the school year (8th semester).

Honor Roll

The Honor Roll is determined after each grading period.

Summa Cum Laude	4.0 Grade Point Average of higher with no grade lower than a B-
Magna Cum Laude	3.75 – 3.99 Grade Point Average with no grade lower than a B-
Cum Laude	3.50 – 3.74 Grade Point Average with no grade lower than a B- in Regular Classes, and no lower than a C- in any Weighted Classes

The Honor Roll for the entire year for students in grades 9 -11 will be based on a student's grade point average for the entire year, including exams.

For Seniors, the first semester grade point average (which includes the semester exam) will be averaged with the 3rd Quarter grade point average with the 1st semester counting as 75% of the average and the 3rd Quarter counting 25%.

Student Course Load

Freshmen and Sophomores must be scheduled in classes for all eight academic periods. Juniors and Seniors must be scheduled in classes for a minimum of seven academic class periods (maximum of one study hall). Students taking College Credit Plus Classes not taught by Ridgedale Faculty and students enrolled in the Work Release Program through the Agricultural Classes (who are not at Ridgedale for the entire day) may also only have one study hall during their scheduled day. Exceptions to this policy may be made to meet the requirements for a student's Individual Education Plan and/or Gifted Education Plan.

Extra-Curricular Eligibility

To be eligible to participate in any school sponsored extracurricular activities a student must earn credit in five courses worth one credit for the year (1/2 credit per semester) in each grading period. If a student does not meet this standard, he/she will be ineligible for all extra-curricular activities for the next grading period.

NCAA Academic Eligibility

Students planning to be on an athletic team at either a Division I or II college or university, must complete a required number of core courses to be eligible as a freshman. The grade point average in the core courses combined with your scores on the SAT or ACT will determine if you qualify. More information can be found on the NCAA website at ncaa.org (eligibility center).

Schedule Change Policy

Schedule changes must be for valid academic reasons. Schedule changes will not be granted because students want to take a class during a different period or other non-academic reasons. All student initiated schedule changes must be completed within one week of the start of the semester and will require permission from the parents of the student. No classes will be either added, dropped, or changed after this time period. Any exceptions to this policy (for example a student wanting to attempt a higher level class than they typically have taken in the past given to change to the lower level class at a later date) must be granted in writing by the school administration prior to the start of the semester. A student's schedule may be changed by the administration to better the educational environment (such as balancing class size) at any time.

Credit Recovery

Classes taken as an independent study (online) for credit recovery (to make up credits for a class previously failed) will be given a grade of either a P (pass) or F (fail) for the final grade on the student's record.

Students Identified as Gifted

The prerequisites for courses will be waived for any student identified as "Gifted" in the specific subject area of identification or any student identified as "Gifted" in the area of "Superior Cognitive Ability" and/or "Creative Thinking".

Students with an Individual Education Plan

The requirements and/or pre-requisites for all courses will be adjusted appropriately to meet all of the conditions stated in the student's IEP.

Courses Offered at Ridgedale High School

English Classes

English I

Year Long Freshman Level Class

1 Credit

1 period each day

Prerequisite: None

This course is designed for students interested in vocational and technical training. Students can expect to learn the technical aspects of the language arts principles. This is an introductory course which contains the basis of language arts, i.e. reading, writing, listening and speaking, with particular emphasis on their relationship to practical applications. Students will study these skills in various genres of literature such as short stories, poetry, non-fiction, and drama appropriate to their grade level.

English II

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: Sophomore Level Status

This course is designed for students interested in vocational and technical training. Students can expect to learn the technical aspects of the language arts principles. This is a developmental course which contains the basics of language arts, i.e. reading, writing, listening, and speaking with particular emphasis on their relationship to practical applications. Students will study these skills in various genres of literature such as short stories, poetry, non-fiction, and drama appropriate to their grade level. This course furthers the knowledge gained in the English I course.

English III

Year Long Junior Level Class

1 Credit

1 period each day

Prerequisite: Junior Level Status

This course is designed for students interested in vocational and technical training. Students can expect to learn the technical aspects of the language arts principles. This is an intermediate course which contains the basics of language arts, i.e. reading, vocabulary, writing, listening, and speaking with particular emphasis on their relationship to practical applications. This course furthers the knowledge gained in the English II course. Included in the course may be a research paper and other formal writings.

English IV

Year Long Senior Level Class

1 Credit

1 period each day

Prerequisite: Senior Level Status

This course is designed for students interested in vocational and technical training. Students can expect to learn the technical aspects of the language arts principles. This is the concluding course which contains the basics of language arts, i.e. reading, vocabulary, writing, listening, and speaking with their particular emphasis on their relationship to practical applications. The course furthers the knowledge gained in the English III course. This is an applied course which will prepare a student for post-secondary education or the vocational world. Included in the course may be a career portfolio, a research paper, and individualized readings or projects.

CCP English Composition I

Semester Senior Level Class

1 Credit

1 period each day (1st Semester Only)

Must earn a Qualifying Score on the English Accuplacer Test

In this composition course, you will write themes and essays based on your own experience. This class includes an analysis of the formality needs of Standard English, the study of effective organization and style, the analysis of writing for logic and reason, and a strong concentration on developing clear and concise writing skills.

CCP English Composition II

Semester Senior Level Class

1 Credit

1 period each day (2nd Semester Only)

Earned Credit for CCP English Comp I

This course is a continuation of English Composition I. Students will expand their knowledge through reading, writing, and analysis assignments. Through essay writing, students will demonstrate their ability to analyze and evaluate ideas and integrate those ideas into their own writing. Students will engage in writing both independently and collaboratively while participating in discussions and reading assigned literature. The course places emphasis on the research essay as a fundamental form of writing in which students will document sources while integrating research into their writing. All assignments are the same as the traditional class.

Mathematics Classes

Algebra I

Year Long Freshman Level Class

1 Credit

1 period each day

Prerequisite: None

This course begins with a quick review of previous mathematical knowledge and then introduces basic Algebra concepts & skills. Topics covered include a review of the order of operations and basic operations involving whole numbers, fractions, decimals, negatives and positives. This course also builds students' knowledge of rational & irrational numbers, solving equations & inequalities, exponent rules, simplifying expressions, and an introduction to functions and graphing.

Intermediate Algebra

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: Must have taken Algebra I

This course is required for students who did not earn a proficient score on the Algebra I end-of-course state assessment. The course reinforces the basic Algebra concepts & skills introduced in Algebra I. The goal of the course is to achieve a proficient score on the Algebra I End-of-Course assessment and to prepare them for success in future math courses.

Geometry

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: Must have taken Algebra I

This course is designed to introduce students to entry level geometry topics. The objectives of the course are, but not limited to, having students become familiar with and be able to use direct measurement (customary/metric), relationships and ratios in indirect measurement, symmetrical relationships, congruence and similarity, coordinate geometry to explore spatial relationships, real-world problems, and maximum-minimum relationships.

Algebra II

Year Long Junior Level Class

1 Credit

1 period each day

Prerequisite: Must have taken Geometry

This course emphasizes advanced algebra concepts, including solving a variety of equations and inequalities, solving matrices, graphing and functions, and quadratics. Radical and exponential problems will be covered. Trigonometry and right triangle calculations will be included.

Math Modeling and Reasoning

1 Credit

1 period each day

Prerequisite: Must have taken Geometry

This course is a quantitative reasoning course, which is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. This course can either replace or be in addition to Algebra II.

Trigonometry / Pre Calculus

Year Long Senior Level Class

1 Credit

1 period each day

Prerequisite: C Average or better in Algebra II

This course is a rigorous, in-depth study of college-level mathematics. Topics include functions & graphs, polynomials, power & rational functions, exponential, logistic, and logarithmic functions, trigonometric functions, analytic

trigonometry, applications of trigonometry, systems and matrices, and analytic geometry in two and three dimensions. Students are encouraged to purchase a TI-83 Plus, TI-84 Plus, or equivalent calculator.

Science Classes

Biology

Year Long Freshman Level Class

1 Credit

1 period each day

Prerequisite: None

This course will include an in-depth study of life's characteristics, ecology, population studies, biodiversity and the chemical bases for life. The second semester includes the study of cell structure, function and reproduction, cellular transport and energy and genetics and the changes involved in life. Projects and reading assignments will be required with each unit of instruction. Laboratory activities may be virtual or hands-on. This course will conclude with taxonomy and classifying living organisms into the six kingdoms.

Physical Science

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: None

This course includes introducing the fundamental concepts of chemistry and physics. The class covers the scientific method and measurements, including the SI metric system, physical and chemical properties of matter, the organization, use and understanding of the Periodic Table, structure and composition of matter, classification of matter, chemical bonds and formulas, chemical equations, electrolytes, organic compounds and nuclear chemistry. Also, the course will cover physics topics such as: velocity, acceleration, momentum, graphing motion, forces, simple machines, work and power, waves and sound, waves and light, optics, energy, electricity and magnetism.

Environmental Science

Year Long Junior Level Class

1 Credit

1 period each day

Prerequisite: Biology

Environmental Science is a comprehensive overview of the natural environment and the impact of human activities on it. Topics covered include ecology, pollution, climate change, resource management and a review of biology concepts. Students will engage in critical thinking and problem solving to understand the complex relationships between humans and the environment. Through a combination of lectures, discussions, and hands-on-labs, students will gain a deeper understanding of the current environmental challenges.

Chemistry

Year Long Junior Level Class

1 Credit

1 period each day

Prerequisite: Physical Science or

C Average or better in Biology AND enrolled in Alg. II

This is a basic course for the study of all higher-level science courses. This course includes teaching students to develop and use problem-solving skills to attain a thorough understanding of the major concepts of chemistry. The topics to be covered will include SI metric system, chemical bonding and formulas, chemical equations, organization and use of the Periodic Table, atomic structure, mole concept, quantitative relationships, quantum numbers and electron configurations, periodic properties, molecular geometry, energy and disorder kinetic theory, gas laws.

Earth Space & Geology

Year Long Sophomore/Junior/Senior Elective

1 Credit

1 period each day

Prerequisite: Biology

The course will focus on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world.

Introduction to Forensics

Year Long Elective

1 Credit

1 period each day

Prerequisite: Biology

Forensic Science is a hands-on laboratory and project-based learning class that will lead the students through a foundation of law and criminal justice, history of forensics, and modern scientific advances in the field. Areas that will be studied in detail will be hair, fibers, botany, fingerprinting, DNA, toxins and poisons, handwriting, entomology, soil, anthropology, ballistics, and so much more. Students' materials will combine math, chemistry, biology, physics, and earth science while also using the scientific method, data analysis, and powers of observation and critical thinking to solve problems that are addressed in all aspects of the class.

Social Studies Classes

World History

Year Long Freshman Level Class

1 Credit

1 period each day

Prerequisite: None

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

American History

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: None

This course examines the history of the United States of America from 1877 to the present. 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 today and prepared it to attend to the challenges of tomorrow. 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 introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Introduction to Advanced American History

0.5 Credit

1 period each day (1st Semester Only)

Prerequisite: None

This course is designed to prepare and introduce students to take the CCP American History Class. The course will cover a wide range of topics in American History, starting with the Civil War and Reconstruction. Students will study the process of evaluating primary sources as a way to understand history. Students will be expected to complete readings and assignments in order to participate in class discussions. Students will also evaluate documents and readings in order to compose extended constructed responses, while including several sources of information. Students will be expected to apply Social Studies skills at a college level on the tasks involved in completing this course.

CCP Modern American History

1 Credit

1 period each day (2nd Semester Only)

Must qualify for CCP classes AND

Pass Intro to Adv Am History with a C Average or better

This history course is an introduction to the political, economic, and social development of the American nation starting with Reconstruction. The primary objectives of this course are to develop your skills as a critical reader and provide you with fundamental knowledge about the events, people and institutions that have influenced and created America. We will evaluate primary sources as a way of understanding the past. We will examine how the perceptions of freedom and equality shifted and thus shaped American History. Key topics include the rise of industrialism and capitalism, the impact of immigration and urbanization, the rise of the US as a global power and how populism, civil rights and feminism shaped our culture, political and social institutions. Students will be expected to apply Social Studies skills at a college level on the tasks involved in completing this course. Must be able to complete assignments via CANVAS.

Government

Year Long Junior Level Class

1 Credit

1 period each day

Prerequisite: None

This course is designed to give the students a basic understanding of how our government operates and functions. National, state, and local forms of government will be examined with the purpose of acquainting the student with them. Students will be expected to participate in discussions, current events, and special projects that will help in their understanding of American Government. This course also explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants - examining the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

Intro to Advanced Government

Year Long Junior Level Class

0.5 Credit

1 period each day (1st Semester Only)

Prerequisite: None

This course is designed to improve student's skills and ability to complete tasks in a college level course while providing an advanced study of the United States Government. It is designed to provide students with analytical skills and factual knowledge necessary to critically deal with the problems facing our government system. Students will explore historical primary source documents as well as the functions of national, state, and local governments. Students will be expected to participate in discussions, current events, and projects. This course also explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources. Students will be expected to apply Social Studies skills at a college level on the tasks involved in completing this course.

CCP American Government

Year Long Junior Level Class

1 Credit

1 period each day (2nd Semester Only)

Prerequisite: Must qualify for CCP classes AND
Pass Intro to Adv Govt with a C Average or better

This course is an advanced, in-depth study of the United States Government. It is designed to provide students with analytical skills and factual knowledge necessary to critically deal with the economic, political, and social issues facing our government system. Special emphasis is given to the Constitution, the Declaration of Independence, and other historical documents. National, state, and local forms of government will be examined. Students will be expected to participate in discussions, current events, and projects. This course also explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources. Students will need to evaluate primary sources connected to the subject matter covered in the course. Students will be expected to apply Social Studies skills at a college level on the tasks involved in completing this course. Must be able to complete assignments in CANVAS.

Financial Literacy

Semester Long Sophomore or Freshman

Level Class

0.5 Credit

1 period each day

Prerequisite: None

This course is designed to teach students the basics of how to manage their money, set up a budget, how to choose investments, and other areas related to personal finance. This course is typically taken the opposite semester of the same year a student takes Health.

Contemporary World Issues

Year Long Junior / Senior Level Class

1 Credit

1 period each day

Prerequisite: None

This course includes a study of the dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include competing beliefs and goals, methods of engagement, and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives.

CCP Intro to Psychology

Semester Senior Level Class

1 Credit

1 period each day (1st Semester Only)

Must earn a Qualifying Score on the Accuplacer Test

This class is an introduction to theories and techniques used by psychologists for describing, explaining, predicting and influencing human behavior. Topics covered include learning, cognition, intelligence, motivation, emotion, personality and abnormal behavior.

CCP Life Span Development

Semester Senior Level Class

1 Credit

1 period each day (2nd Semester Only)

Earned Credit for CCP Psychology

This class provides an advanced study of human development over the lifespan, from conception to death. Included are emotional, intellectual, moral, physical, and social development. PSY2100 offers an analysis of the interaction of human characteristics within the individual and the relationship between individuals and their environment at various stages in development.

Foreign Language Classes

French I

Year Long Freshman Level Class

1 Credit

1 period each day

Prerequisite: None

This course gives the students a basic knowledge of the French language and culture. Students will be exposed to the language through listening, speaking, reading, and writing. Basic conversational constructions, elementary grammar, geography, music and social customs are encountered.

Spanish I

Year Long Freshman Level Class

1 Credit

1 period each day

Prerequisite: None

This course gives the students a basic knowledge of the Spanish language and culture. Students will be exposed to the language through listening, speaking, reading, and writing. Basic conversational constructions, elementary grammar, geography, music and social customs are encountered.

Spanish II

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: Spanish I

This course presents the more complex structures of basic Spanish and expands the cultural themes of the first level. The same approach of listening, speaking, reading and writing is used as in Spanish I.

Spanish III

Year Long Junior Level Class

1 Credit

1 period each day

Prerequisite: Spanish II

This course includes a study of all verb tenses, including the subjunctive tenses. There is an intense review of past grammar in an attempt to polish the language. Reading of short stories, speeches, conversations and compositions are encountered, especially during the second half of the year.

Spanish IV (Will not be offered during SY 25-26)

Year Long Senior Level Class

1 Credit

1 period each day

Prerequisite: Spanish III

This course will have extensive listening and speaking practice. Students will be required to speak in Spanish daily on varied topics of conversation. All verb tenses and grammar will be reviewed in an attempt to polish the language. Students will have daily reading and writing assignments outside of class. There will be exposure to the literature, history and art of Spanish and Latin America.

Health & Physical Education Classes

Physical Education I

Semester Long Freshman Level Class

0.25 Credit

1 period each day

Prerequisite: None

This course will include a wide variety of physical activities and learning experiences, which encourage a lifetime habit of physical activity and fitness. Students enrolled in physical education classes are required to dress in appropriate gym attire and participate in each class period unless excused by a doctor. The written excuse may also include suggested adaptive activities for the teacher to implement. Along with the fitness program, students also participate in soccer, speedball, flag football, basketball, volleyball, softball, whiffle and kickball. Individual and dual activities incorporated in the year are aerobics, ping pong, handball, golf, badminton, dancing, and track. It will involve assessment skills for the new state report card requirements.

Physical Education II

Semester Long Freshman Level Class

0.25 Credit

1 period each day

Prerequisite: None

This course is an extension of Physical Education I and includes the same activities and objectives.

Physical Education Waiver

Students fully participating in two separate school sponsored athletic or marching band seasons may use these activities to replace the 0.5 credit Physical Education Graduation Requirement. The student must turn in the completed appropriate form to the administration after each season is completed. The Ridgedale Coach / Supervisor (*with administration approval*) will have the final determination if the student met the participation requirements. The student's transcript will have the waiver listed, but no credits will be earned.

Health

Semester Long Freshman Level Class

0.5 Credit

1 period each day

Prerequisite: None

This course provides the student with information and practical solutions to health issues relevant to adolescents in high school. The emphasis is placed on the development of individual "wellness" through an understanding and awareness of one's physical, mental, emotional, environmental, spiritual and social health. Course material during the 18 weeks deals with lifestyle diseases, nutrition, fitness, stress management, family life and human sexuality, and chemical substance use and abuse.

Advanced Physical Fitness:

Year long Sophomore, Junior, Senior level Class

1 Credit

1 Period Each day

Prerequisite: PE I and PE II.

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. This course may be taken up to three times for credit.

Fine Art Classes

Art I

Year Long Freshman Level Class

1 Credit

1 period each day

Prerequisite: None

This course is the basic course used to introduce the world of art and its connection to the student. Fundamentals of art and art history will be studied in a large variety of media. Weekly sketchbook assignments, homework, tests, and writing assignments will be given and deadlines are expected to be met.

Art II

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: Art I

This course has an emphasis placed on composition and the fundamentals of art that were previously learned. Specific assignments will be given to explore a more extensive historical aspect to each art technique assigned. Types of media which will be explored include drawing, painting, printmaking, graphic design, etc. Weekly sketchbook assignments, homework, tests, and writing assignments will be given and deadlines are expected to be met. Students will be required to start a portfolio to help them develop a better understanding of what is expected of them in the advanced classes.

Art III

Year Long Junior Level Class

1 Credit

1 period each day

Prerequisite: Art II

This course is for students who are thinking of a possible career in art and it will have emphasis on continuing the construction of their portfolio. They will concentrate on certain media, including drawing, painting, ceramics, and sculpturing. Written assignments to support students' work will be assigned. This class will be independent work, and each student is responsible for required deadlines and to work daily on his/her projects. Weekly sketchbook assignments, homework, and writing assignments will be given and deadlines are expected to be met. Overall, the students should complete year 3 and/or 4 with an extensive portfolio that will be reviewed at the end of the year for a final grade critique. Students who complete year 4 will have a college ready art portfolio.

Art IV

Year Long Senior Level Class

1 Credit

1 period each day

Prerequisite: Art III

Ceramics

Year Long Sophomore Level Class

1 Credit

1 period each day

Prerequisite: Art I

This course will focus on exploring the world of ceramics and glass fusing. The course will entail an in depth look at how to create glass fusing. The course will entail an in depth look at how to create glass and ceramic projects. Students will learn various techniques in clay and glass construction, and proper glazing techniques.

Band

Year Long Class

1 Credit — May be taken each year for credit

1 period each day

Prerequisite: Ability to Play a Concert Band Instrument

This course is designed for students who are able, or willing to learn, to play a concert band instrument. The Band course consists of both Marching Band and Concert Band. Students who choose to be in Marching Band must participate in Concert Band. Students who only want to be in Concert Band only are not required to perform with Marching Band.

Marching Band/Concert Band- Students choosing to be part of the Marching Band are required to sign up and pay fees by the end of the school year previous to your membership in the group. There will be summer rehearsals and performances to prepare for the upcoming fall. Throughout the summer and fall season, there are performances at football games, pep rallies, parades, and festivals. All of these events are part of the curriculum and attendance/participation will be considered for each student's grade. Concert Band begins at the end of the Marching Band season and participation in the ensemble is required. Band members who are also members of the Football Team or Cheerleading are expected to attend a minimum of 50% of rehearsal time and are required to perform at halftime as part of their grade.

Concert Band Only- Students choosing to be part of the concert band *only* will be given alternate assignments to complete before the transition from Marching Band to Concert Band. Each student will set individual performance goals on their instrument and be given assignments to show their progress.

At the immediate end of the Marching Band season, Concert Band begins for all band students. There are several major performances as part of the curriculum: Winter Concert (December), Music in Our Schools Month (March), Ridgedale on Display (April), and Graduation (May). These performances are outside of the school day; unexcused absences from these events will be cause for a student's grade to be lowered.

Concert Choir

Year Long Class
1 period each day

1 Credit – May be taken each year for credit
Prerequisite: None

This course is designed for students who enjoy performing and would like to become better all-around musicians. Students will learn about music theory, some music history, aural skills, and concert etiquette. There are several performances throughout the school year that are mandatory and will count towards the student's grade.

Yearbook

Year Long Level Class
1 period each day

1 Credit - May be taken each year for credit
Prerequisite: Selection of Advisor

*This course students will learn and perform the basic principles of publishing the school yearbook. Students will write body copy, headlines, captions and complete layouts for the school yearbook - The Rocket. Students will also be involved in ad sales and book sales. Students will be required to photograph events during and after school. All staff members will be required to solicit ads, which need to be done during the first nine weeks as part of their grade. Students will be responsible for creating and maintaining a positive image for the yearbook in the school and community. Each student is responsible for completion of assigned pages and must meet the FINAL DEADLINE for each page or credit for the course may not be given. Students may have to finish pages over the summer. **This course does NOT satisfy the Fine Arts Requirement for graduation.***

Introduction to Theater

Year Long Level Class
1 period each day

1 Credit - May be taken each year for credit
Prerequisite: Selection of Advisor

This course is dedicated to the introductory elements of theater that include techniques of performance, staging, characterization, movement/use of space/props, behind-the-scenes responsibilities for productions, and encourages appreciation of the theatrical arts. This course is intended for students in grades 10-12 who are interested in performing in front of their peers, reading, viewing, and acting out various full-length and portions of plays, and developing individual performance skills.

Career Technical Education

AGRIBUSINESS & PRODUCTION SYSTEMS (AO)

Agriculture, Food & Natural Resources

Year Long Freshman Level Class
1 period each day

1.25 Credit
Prerequisite: None

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

Animal Health

Year Long Sophomore/Junior Level Class
1 period each day

1.25 Credit
Prerequisite: None

Students will examine causes, symptoms, and treatment of common diseases with emphasis on developing preventative health management plans. Topics will include the study of pathogens and classifying types of diseases and disorders. Students will perform animal health assessments and compare them to standard characteristics. Throughout the course,

students will utilize principles of technology to manage information systems, and research issues affecting industry. The Ohio WebXam will be taken at the end of the year.

Animal & Plant Sciences (Will not be offered during SY 25-26)

Year Long Freshman / Sophomore Level Class 1.25 Credit
1 period each day Prerequisite: None

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. The Ohio Webxam will be taken at the end of the year.

Business Management for Agricultural & Environmental Systems

Year Long Senior Level Class 1.25 Credit
1 period each day Prerequisite: Ag Plant or Approval of Instructor

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 including identifying implications of business regulations. The Ohio Webxam will be taken at the end of the year.

Mechanical Principles (Will not be offered during SY 25-26)

Year Long Sophomore/Junior Level Class 1.25 Credit
1 period each day Prerequisite: Ag Plant or Approval of Instructor

Students will apply principles of engineering and design along with an understanding of the properties and uses of construction materials to buildings and structures used in agriculture, horticulture and natural resources. The course will focus on the study and utilization of wood and lumber, metals, concrete and masonry, pipes and plumbing, and electrical systems. Students will design, plan, build and calculate costs-benefits analysis for construction projects while abiding by all building code and safety regulations.

Agricultural Work Experience

Year Long Class – Junior & Senior Status 1 Credit – May be taken twice for credit
Course is not held during the school day Prerequisite: Must be enrolled in Ag Business or Mech. Prin.
This is a co-curricular course and the student must be concurrently enrolled in either Agricultural Business Management or Mechanical Principles. This course is the hands-on component of the two courses. Students are required to work a minimum of 60 documented hours (total of 120 hours for the year) each semester at a job approved by the instructor. Students and/or parents are responsible for transportation to the location of their job. This course will be graded Pass/Fail.

ENGINEERING & SCIENCE TECHNOLOGIES (F6) PATHWAY

Introduction to Engineering Design (Will not be offered during SY 25-26)

Year Long Freshman / Sophomore Level Class 1 Credit
1 period each day Prerequisite: None

Students will learn the application of the engineering design process. Topics include work-processes, optimization methods, design optimization and risk management tools. Students will use 2D and 3D modeling software to help them design solutions to proposed problems, document their work and communicate solutions. Additionally, students will interpret industry prints and create working drawings from functional models. Emphasis is given to experimental problem solving in real systems. The Ohio Webxam will be taken at the end of the year.

Principles of Engineering

Year Long Freshman / Sophomore Level Class

1 Credit

1 period each day

Prerequisite: None

This course will introduce students to fundamental engineering concepts and scientific principles associated with engineering design applications. Topics include mechanisms, energy statics, materials and kinematics. Additionally, students will learn material properties and electrical, control and fluid power systems. Students will learn to apply problem solving, research and design skills to create solutions to engineering challenges. The Ohio Webexam will be taken at the end of the year.

Robotics (Will not be offered during SY 25-26)

Year Long Junior / Senior Level Class

1 Credit

1 period each day

Prerequisite: Engineering Principles or
Recommendation of Teacher

This course follows the Career Technical Education curriculum for Robotics as closely as possible. Mechanisms, fluid power, electricity and electronics are studied. Building robots in preparation for competition in the Vex Robotics League and the National Robotics Challenge is encouraged. Robotic code is written in RoboPro, ROBOTC and the new Vex Coding Studio. Students will take the Ohio Webexam at the end of the year.

Manufacturing Operations

Year Long Junior / Senior Level Class

1 Credit

1 period each day

Prerequisite: Robotics or
Recommendation of Teacher

This course follows the Career Technical Education curriculum for Manufacturing Operations. Students study materials, manufacturing operations, dc electronics, electricity, fluid power, pneumatics, and advanced 3D computer modeling. Students will take the Ohio Webexam at the end of the year.

INTERACTIVE MEDIA (N1)

Information Technologies (Online Only Course) (Will be scheduled a study hall to complete course)

Year Long Elective

1 Credit

1 period each day

Prerequisite: None

This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications. The Ohio Webexam will be taken at the end of the year.

ALLIED HEALTH & NURSING (JM)

Human Anatomy & Physiology

Year Long Elective

1 Credit

1 period each day

Prerequisite: None

In this course, students will demonstrate knowledge of body systems with emphasis on the interrelationships between structure and physical function. Students will analyze and evaluate how the body systems respond to physical activity, disease, and aging. Students will use data acquisition software to monitor abnormal physiology and body functions (e.g., muscle movement, reflex, respiratory, and voluntary actions). Further, students will analyze descriptive results of abnormal physiology and evaluate clinical consequences.

Patient Centered Care

Year Long Elective

1 Credit

1 period each day

Prerequisite: None

Students will apply psychomotor nursing skills needed to assist individuals in meeting basic human needs. Students will implement interventions following a nursing assistant plan of care. Students will collect the patient's vital signs including temperature, pulse rate, respiration rate, and blood pressure. Students will perform phlebotomy procedures with emphasis on infection prevention, universal precautions, proper patient identification, specimen acquisition, handling, and processing. Additionally, students will observe patients' physical, mental, and emotional conditions and document any change.

TEACHING PROFESSIONS (E1)

Foundations of Education and Learning *(Will not be offered during SY 25-26)*

Year Long Elective

1 Credit

1 period each day

Prerequisite: None

The course will study the beginning processes of child development and learning strategies and techniques to work with all age groups of individuals. This course is taught by the Health & Physical Education Department but does NOT meet either the Physical Education or Health Graduation Requirement. The Ohio Webxam will be taken at the end of the year.

Child & Adolescent Development

Year Long Elective

1 Credit

1 period each day

Prerequisite: None

Students will examine and apply the theoretical foundations of human growth and development to children and adolescents. Additionally, learners will determine children's learning styles; stages of social, emotional, cognitive and physical development; and needed accommodations in educational settings. Throughout the course, family and community engagement, cultural influences on learners and language growth and development will be emphasized. The Ohio Webxam will be taken at the end of the year.