

***RIDGEDALE
HIGH SCHOOL***



**COURSE DESCRIPTION & SELECTION GUIDE
2022 – 2023 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 (applies to the Class of 2026 and beyond)
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 Work Keys 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. At least one of the seals must be a Seal Designed by the Ohio Department of Education.
- a. Ohio Department of Education Designed Seals
 - 1. Ohio Means Jobs Readiness
 - 2. Industry Credentials
 - 3. College Ready
 - 4. Military Enlistment
 - 5. Citizenship
 - 6. Science
 - 7. Honors Diploma
 - 8. Biliteracy
 - 9. Technology
 - b. Local Developed Seals
 - 1. Community Service
 - 2. Fine and Performing Arts
 - 3. Student Engagement

Honors Diploma

The types and standards for earning an Honors Diploma are set annually by the Ohio Department of Education. Information about meeting can be found on the ODE 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, which must include Trigonometry / Pre-Calculus
2. Four credits of Science, which must include either Physics or Anatomy
3. Four credits of Social Studies
4. Three credits of the same Foreign Language or two credits in two different Foreign Languages
5. One credit of a Fine Art (Art, Band, or Choir)
6. Earn a minimum grade point average of 3.5 on a 4.0 scale
7. Earn a minimum score of 27 on the ACT or 1280 on the SAT

Grade Point Average

There are two grade point averages (gpa) 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>
CP English III	Trig / Pre Calculus	Anatomy	CCP American Hist.	Spanish III
CCP English Comp I	Calculus	Physics	CCP Psychology	Spanish IV
CCP English Comp II			CCP Life Span Dev.	
			CP 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).

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 and/or Career Based Intervention 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 extra-curricular 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 the first five days 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, etc.) 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 pre-requisites 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 for to meet all of the conditions stated in the student's IEP.

Courses Offered at Ridgedale

English Classes

English I

Year Long Freshman Level Class
1 period each day

1 Credit
Pre-Requisite: 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.

College Prep English I

Year Long Freshman Level Class
1 period each day

1 Credit
Pre-Requisite: None
Recommendation of 8th Grade Teacher Suggested

This course is designed for students planning on attending college after high school or have a strong interest in the study of language arts. This course includes a detailed study of various genres of literature in which students read, study, and learn to appreciate short stories, poetry, non-fiction, and drama appropriate to their grade level. Students develop proficiency in writing through responses to select prompts in descriptive, narrative, and expository domains. Grammar and vocabulary studies are incorporated and emphasized to build a greater foundation for writing improvement. The Accelerated Reader Program will be used to encourage the continued development of reading skills and oral language activities. There is a summer reading requirement that needs to be completed before the start of the school year.

English II

Year Long Sophomore Level Class
1 period each day

1 Credit
Pre-Requisite: 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.

College Prep English II

Year Long Sophomore Level Class
1 period each day

1 Credit
Pre-Requisite: C Average or better in CP Eng. I or
Recommendation of Teacher

This course is designed for students planning on attending college after high school or have a strong interest in the study of language arts. This course includes a detailed study of grammar usage, spelling, vocabulary, composition, communication skills, and the genres of literature. Formal grammar lessons help develop and build on previous knowledge in the parts of speech and in sentence and paragraph structure. Composition will include paragraph construction and the composing of expository themes and narratives. The genres of world literature studied will be the short story, poetry, novels, and plays. There is a summer reading requirement that needs to be completed before the start of the school year.

English III

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: 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.

College Prep English III

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: C Average or better in CP Eng. II or
Recommendation of Teacher

This course is designed for students planning to attend college after high school or have a strong interest in the study of language arts. In this course, students will study American literature—authors, works, genres—and how it has shaped American identity. Comprehension, application, and analysis will be practiced. Composition will include argumentative essays, analytical essays, and at least one research paper. Grammar and vocabulary will be taught in conjunction with the composition and literature components. Oral presentations are an additional component. Prior to entering the course, it will be required for students to prepare a summer reading assignment.

English IV

Year Long Senior Level Class
1 period each day

1 Credit
Pre-Requisite: 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 period each day (1st Semester Only)

1 Credit
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 period each day (2nd Semester Only)

1 Credit
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.

Algebra II

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: Must have taken Geometry or CP 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.

College Prep Algebra II

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: C Average or better in CP Geometry

This course continues the sequence of college preparatory mathematics. CP Algebra II is a fast-paced course. Students considering this course should be independent learners, have excellent study habits, and be prepared to meet the high expectations for the course. Topics include linear functions & systems, quadratic functions & equations, polynomial functions, rational functions, rational exponents & radical functions, exponential & logarithmic functions, conic sections, and matrices.

Transitional Mathematics

Year Long Senior Level Class
1 period each day

1 Credit
Pre-Requisite: Must have taken Algebra II or CP Algebra II

This course is designed for seniors who have completed Algebra II but are not yet ready for the study of Trigonometry and Pre Calculus. This course is designed to transition between high school math courses and post high school or college level math classes. This class will consist of many complex topics based in algebra but including geometry, trigonometry, and statistics.

Trigonometry / Pre Calculus

Year Long Senior Level Class
1 period each day

1 Credit
Pre-Requisite: C Average or better in CP Algebra II

This course is a rigorous, in-depth study of college-level mathematics. Students considering this course should be independent learners, have excellent study habits, and be prepared to meet the high expectations of the course. 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.

Calculus

Year Long College Level Class
1 period each day

1 Credit
Pre-Requisite: Trigonometry / Pre Calculus

This course is a rigorous, in-depth study of college-level mathematics. Students considering this course should be independent learners, have excellent study habits, and be prepared to meet the high expectations of the course. Topics include functions, limits, derivatives, applications of derivatives, integration, and applications of integration. Students are required to have a TI-83 Plus, TI-84 Plus, or equivalent graphing calculator. Students who qualify may take this course for college credit through Marion Technical College.

Science Classes

Biology

Year Long Freshman Level Class
1 period each day

1 Credit
Pre-Requisite: 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 period each day

1 Credit
Pre-Requisite: 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.

Principles of Science

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: Junior Level Status

Principles of Science is designed to improve the student's understanding and life science skills needed to participate in the world in which he/she lives and works. This course is a continuation of biology class as it relates to the human body and other living systems. Additional topics in Physical Science or Earth Science may also be covered during 4th quarter. Laboratory activities maybe virtual or hands on. At least one laboratory activity will be a dissection of a preserved specimen.

Chemistry

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: Physical Science or
C Average or better in Biology AND enrolled in CP Alg. II

This is 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.

Environmental Science

Year Long Junior Level Class

1 period each day

1 Credit

1 Credit

Pre-Requisite: Biology and Physical Science or Chemistry

This course is designed to show thematic connections between a variety of science disciplines including biology, chemistry, and physics. The course will focus on ecosystem dynamics, evolutionary biology, atmosphere, weather and biogeochemical cycles. Also included will be how these systems interact with technological advancements and their impact on the world ecosystems.

Anatomy

Year Long Junior Level Class

1 period each day

1 Credit

Pre-Requisite: Earned Biology Credit

This course includes a systemic approach to the study of the human body. In the first semester, emphasis is placed on anatomical terminology and an overview of cellular processes and tissue classification. During the second semester, students then learn the gross and microscopic anatomy of the following systems; Integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary and reproductive. The laboratory component of the course reinforces the online textbook through the dissection of a rat and beef heart.

Physics

Year Long Senior Level Class

1 period each day

1 Credit

Pre-Requisite: C Average or better in Chemistry AND enrolled in Trigonometry / Pre-Calculus or Calculus

This course includes students developing and using problem-solving skills in working with the concept of motion, forces, vectors, momentum, energy, gas laws, work and power, waves, and light. This course is designed to provide additional hands-on laboratory experience in the major areas of physics.

Social Studies Classes

World History

Year Long Freshman Level Class
1 period each day

1 Credit
Pre-Requisite: 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 period each day

1 Credit
Pre-Requisite: 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

1 period each day (1st Semester Only)

0.5 Credit
Pre-Requisite: 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 period each day (2nd Semester Only)

1 Credit
**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 period each day

1 Credit
Pre-Requisite: 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.

College Prep Government

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: None

This course is an advanced, in-depth study of the United States Government. It is designated to provide students with analytical skills and factual knowledge necessary to critically deal with the problems 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 CP government projects. 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. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

Senior Success

Year Long Senior Level Class
3 periods each week

0.5 Credit
Pre-Requisite: Senior Level Status

This class is designed to help seniors determine what their "E" is, and create a plan to accomplish it. They will learn how to choose a college that fits their career needs, the procedures for college admission, how to finance it, and obtain scholarships. Students will also develop a plan of action to fulfill their "E". Financial Literacy will be covered, as well as, developing a Career Passport.

Financial Literacy

Semester Long Sophomore or Freshman
1 period each day

Level Class
Pre-Requisite: None

0.5 Credit

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 same year a student takes Health.

World Cultures

Year Long Junior / Senior Level Class
1 period each day

1 Credit
Pre-Requisite: Junior Level Status

This course builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

World Issues

Year Long Junior / Senior Level Class
1 period each day

1 Credit
Pre-Requisite: Junior Level Status

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 period each day (1st Semester Only)

1 Credit
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. Also, available ONLINE: Completely online except for make-up tests must be proctored. 3 online tests over 3 separate units. Must be able to complete discussion board forums and submit assignments via CANVAS. 3 Cr Hrs. Course Requirement(s): None. Ohio Transfer Module (OTM) Course [TMSBS]; and, Ohio TAG Course [OSS015].

CCP Life Span Development

Semester Senior Level Class
1 period each day (2nd Semester Only)

1 Credit
Earned Credit for CCP Psychology

This class provides an advanced study of human development over the life span, 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. Also available On-Line. 3 Cr Hrs. Course Requirement(s): PSY1100. Ohio Transfer Module (OTM) Course [TMSBS]; and, Ohio TAG Course [OSS048].

Health and Physical Education Classes

Physical Education I

Semester Long Freshman Level Class
1 period each day

0.25 Credit
Pre-Requisite: 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
1 period each day

0.25 Credit
Pre-Requisite: 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, marching band, or show choir 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 0 credits will be earned.

Health

Semester Long Freshman Level Class
1 period each day

0.5 Credit
Pre-Requisite: 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 Period Each day

1 Credit
Pre Requisite: 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 period each day

1 Credit
Pre-Requisite: 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, test, and writing assignments will be given and deadlines are expected to be met.

Art II

Year Long Sophomore Level Class
1 period each day

1 Credit
Pre-Requisite: 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 techniques assigned. Types of media which will be explored include drawing, painting, printmaking, graphic design, etc. Weekly sketchbook assignments, homework, test, 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 period each day

1 Credit
Pre-Requisite: 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 period each day

1 Credit
Pre-Requisite: Art III

This course is an extension of the concepts and objectives of Art III.

Ceramics

Year Long Sophomore Level Class
1 period each day

1 Credit
Pre-Requisite: 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 the 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 period each day

1 Credit — May be taken each year for credit
Pre-Requisite: 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
Pre-Requisite: 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.

Year Book

Year Long Level Class
1 period each day

1 Credit — May be taken each year for credit
Pre-Requisite: 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.**

Career Technical Education Classes

Agricultural Food & Natural Resources (Ag I)

Year Long Freshman Level Class

1.25 Credit

1 period each day

Pre-Requisite: None

This course has the following components:

Introduction to Agriculture, Food and Natural Resources

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.

Mechanical Principles

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 Plant & Animal Sciences Food (Ag II)

Year Long Sophomore Level Class

1.25 Credit

1 period each day

Pre-Requisite: Ag Food

This course may count as a Science Credit towards graduation and has the following components:

Animal Science and Technology

Learners will develop business leadership, problem-solving and communication skills in relation to the science and technology of animals. Students will learn responsible animal management principles and routine husbandry practices in relation to animal welfare and behavior. Learners will identify and describe the anatomy and physiology of monogastric and ruminant organisms as it applies to nutrition, reproduction, and animal health. Learners will investigate animal genetics and how it impacts principles of animal improvement, selection and marketing.

Science and Technology of Food

This first course in the pathway examines the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine principles of food preservation techniques and determine correlations to food sensory, shelf life and food stability. Learners will examine and develop food safety, sanitation, and quality assurance protocol. Government regulations and food legislation will be examined and the implications to food science and technology will be identified.

Plant and Horticultural Science

This first course in the pathway focuses on the broad knowledge and skills required to research, develop, produce and market agricultural, horticultural, and native plants and plant products. Students will apply principles and practices of plant physiology and anatomy, plant protection and health, reproductive biology in plants, influences in bioengineering, plant nutrition and disorders. Environmental aspects of irrigation, chemical application, soils, and pest management will be studied and applied. Projects and activities will enable students to develop communication, leadership, and business management skills.

Mechanical Principles – same as Ag I

Agricultural Business Management

Year Long Junior Level Class

1 period each day

1.25 Credit

Pre-Requisite: Ag Plant or Approval of Instructor

Students passing this course will earn Articulation Credit through either Marion Technical College and/or the University of Northwest Ohio towards the Business Management Certificate. This course has the following component:

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.

Agricultural Systems Capstone

Year Long Senior Level Class

1 period each day

1.25 Credit

Pre-Requisite: Ag Business or Approval of Instructor

Students passing this course will earn Articulation Credit through either Marion Technical College and/or the University of Northwest Ohio towards the Business Management Certificate. This course has the following component:

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

Agricultural Work Experience

Year Long Class – Junior & Senior Status

Course is not held during the school day

1 Credit – May be taken twice for credit

Pre-Requisite: Must be enrolled in Ag Business or Capstone

This is a co-curricular course and the student must be concurrently enrolled in either Agricultural Business Management or Systems Capstone. This course is the hands-on component of the two courses. Students are required to work a minimum of 120 documented hours (total of 240 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.

Introduction to Engineering Design (IED)

Year Long Freshman Level Class
1 period each day

1 Credit
Pre-Requisite: None

This course is a pre-scripted course through the Project Lead the Way initiative. Students are learning the language of the engineering disciplines through use of 2D and 3D computer aided drawing and modeling programs. The PLTW design process is emphasized. Measurement, statistical analysis, dimensioning and tolerances are studied. The Ohio Webxam will be taken at the end of the year.

PLTW-IED is also endorsed by The Ohio Board of Regents as a college credit course. An 80% on the final exam in this course will earn an endorsement by the instructor for three semester hours of college credit in a course entitled Computer Aided Drafting (CAD I).

Principles of Engineering (POE)

Year Long Sophomore Level Class
1 period each day

1 Credit
Pre-Requisite: IED or
Recommendation of Teacher

This course is a pre-scripted course through the Project Lead the Way initiative. This course provides engineering students with experience in various engineering disciplines. This course involves a lot of math and physics formulas. Hands on study of mechanisms, electronics, pneumatics and, robotics is experienced. Use of various computer applications for analysis of circuits, structures is experienced. This course is designed to give engineering students experience in studying engineering to prepare for college. The Ohio Webxam will be taken at the end of the year.

In the same course as POE, students can earn three semester hours of college credit through the Ohio Board of Regents in a college level course called DC Electronics. A student could be endorsed in any college in Ohio for this credit.

Robotics (offered every other year – will be offered in 2022-23 school year)

Year Long Junior Level Class
1 period each day

1 Credit
Pre-Requisite: POE 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 (offered every other year – will not be offered in 2022-23 school year)

Year Long Senior Level Class
1 period each day

1 Credit
Pre-Requisite: 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.

Introduction to Aviation

Year Long Freshmen Level Class
Enrichment Period

0.5 Credit
Pre-Requisite: None

In this course, students will learn and apply the basic knowledge of aviation theory and navigation to flight performance and planning. Students will learn principles of simple machines and fluid mechanics to aircraft operations. Students will study aircraft systems, weather theories, and weather-briefing documents. Additionally, students will distinguish among airport environments, and understand rules, regulations and orders relevant to the airport industry.

Career Based Intervention I

Year Long Class – Freshman or Sophomore Status
1 period each day

1 Credit – May be taken twice for credit
Pre-Requisite: Must meet State CBI Eligibility Requirements

This course is designed to teach students job and financial skills necessary to enter the workforce after graduation. Students will participate in Skills USA and must complete the Ridgedale Student Employment packet, have two forms of identification, a physical and work permit before school starts.

Career Based Intervention II

Year Long Class – Junior or Senior Status
1 period each day

1 Credit – May be taken twice for credit
Pre-Requisite: Must meet State CBI Eligibility Requirements

This is a co-curricular course and must be taken with CBI Work. The course is designed to teach students job and financial skills necessary to enter the workforce after graduation. Students will participate in Skills USA and must complete the Ridgedale Student Employment packet, have two forms of identification, a physical and work permit before school starts.

Career Based Intervention Work

Year Long Class – Junior & Senior Status
Course is not held during the school day

1 Credit – May be taken twice for credit
Pre-Requisite: Must be enrolled in CBI II

This is a co-curricular course and the student must be concurrently enrolled in CBI II. This course is the hands-on component of the two courses. Students are required to work a minimum of 30 documented hours a quarter 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.

Transitions

Year Long Class
1 period each day

1 Credit – May be taken twice for credit
Pre-Requisite: Must have an IEP

This course provides for individualized instruction to meet the post-secondary transitional goals of students. This course will focus on the three components of post-secondary education transitioning within the Individualized Education Plan of each student: (education, employment, and independent living). The students will learn strategies and skills needed to identify their strengths and interests, while becoming more involved in their own transition planning and goal writing for college or career. The goal of this course is to provide students with opportunities to engage in hands-on learning experiences, which heighten their awareness of career opportunities and skilled trades as an option for the future. This course will be graded Pass/Fail.