

RIDGEMONT HIGH SCHOOL
Course Description Handbook
2019-2020



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Course Description Handbook

School Year 2018-2019

The following information is provided to students to aid them in the selection of their courses as they progress through high school and prepare for further education and/or to enter the job market. Students are encouraged to talk with their parents, teachers, school counselor and principal as they make their course selections.

****Just because a class is in the course description handbook does not mean it will be offered! A final decision on which courses will be offered and what period or periods they will meet will depend on student interest, available teachers and classroom space.****

Students will request classes sometime in February or March. Schedules will be made according to interest of students. If there is not enough interest, the class will not be offered. We will attempt to get every class the student requests into his/her schedule, but it may not always be possible.

Ridgemont's Policies Regarding Make Up Courses:

In preparation for the 2019-2020 school year, students that have failed a prerequisite of any credit bearing course during the 2018-2019 school year will be required to take a credit recovery course. This credit recovery course may be required during the summer break. Any fees associated with recovering the credit will be the responsibility of the student/parents. Students may not move on to the next level of the failed course until the credit unit has been made up.

*****Courses subject to change based on administrative approval.***

Graduation Requirements/High School Diploma from Ridgemont High School:

English	4 credits
Mathematics	4 units (Must include Algebra II or equivalent of Algebra II)
Science	Biological Science- 1 unit Physical Science- 1 unit Advanced Science- <u>1 unit</u> * 3 units total
Social Studies	3 units (must include American History and American Government)
Health	½ unit **
PE	½ unit (PE waiver available for students who participate in athletics or marching band) **
Life & Financial Transitions	½ unit (Required for class of 2020 and beyond) ***
Fine Arts & Electives (Art, Band, Choir)	8 units (7 ½ for class 2020 and beyond) **** (Elective units must include one or any combination of foreign language, fine arts, business, career-technical education, family consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.)
Total	23 units of credits are required for graduation from Ridgemont High School

* Advanced Science-one unit (Chemistry, Physics, or other physical science, Anatomy, Environmental Science, Earth & Space Science course)

** One half unit of Health and one half unit of Physical Education (equals one full year for Physical Education)

*** **Life and Financial Transitions** - This class is or an equivalent is a new graduation requirement for the class of 2020 and beyond. In this class students will learn to recognize personal assets, set goals, form a plan and carry out that plan on the way to becoming a confident and responsible person. Students will learn personal leadership strategies and develop a career blueprint. (.5 credits)

Hi-Point Vocational students will satisfy graduation requirements along with their vocational courses. The District will accept credits earned toward graduation in another school district only from those schools accredited or approved by the State Department of Education. The District will accept two credits from approved summer schools and correspondence schools for courses students have previously failed at Ridgemont. All course work must be completed and approved by August 10 or no credit will be allowed. The Board assumes that at the time of graduation, each student will have fulfilled all academic and financial obligations. A good school record, scholastically and otherwise, is the best recommendation an applicant can offer, either to a college or for a job. A record of good personal behavior and cooperation will be expected. Students will not be permitted to participate in graduation exercises if they have not passed all sections of the Ohio Graduation Tests as outlined by the Ohio Board of Education.

Comparison of Diplomas with Honors Criteria

Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.

Subject	Academic Diploma with Honors	Career-Technical Diploma with Honors
English	4 units	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including physics and chemistry	4 units, including two units of advanced science ***
Social Studies	4 units	4 units
Foreign Language	3 units (must include no less than 2 units for which credit is sought), i.e., 3 units of one language or 2 units each of two languages	N/A
Fine Arts	1 unit	N/A
Electives	N/A	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to postsecondary credit
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT/1210 SAT	27 ACT/1210 SAT
Additional Assessment	N/A	Achieve proficiency benchmark established for appropriate Ohio Career Technical Competency Assessment or equivalent

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including:

½ unit physical education**

½ unit health ½ unit in American history

½ unit health

½ unit in government

* Writing sections of either standardized test should not be included in the calculation of this score.

** SB 311 allows school districts to adopt a policy exempting students who participate in interscholastic athletics, marching band or cheerleading for two full seasons or two years of JROTC from the physical education requirement.

*** Advanced science refers to courses in the Ohio Core that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with the new high school syllabi, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy), or contain material above the current OGT level.

Testing Requirements for Graduation:

In addition to earning a minimum of 23 credits (previously listed in this handbook), students must pass the required achievement tests as required by the Ohio Department of Education.

Earning an Ohio High School Diploma Classes of 2018 and beyond

There is no one-size-fits-all way to graduate. Ohio gives you several options to qualify for a high school diploma. Choose the way that works best for you!

To earn a high school diploma in Ohio, you must complete courses and then choose an option on the right to show that you are ready for college or a job. Here's what you need to do to graduate. Your school counselor will give you more details.

Complete Courses

Take and earn a state minimum of 20 credits in specific subjects.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

Show That You Are Ready

Use at least one option to show that you are ready for college or a job.

Ohio's State Tests

Earn at least 18 points on seven end-of-course state tests. End-of-course tests are:

Algebra I or Integrated Math I	English I
Geometry or Integrated Math II	English II
American Government	Biology
American History	

Each test score earns you up to five graduation points. You must have a minimum of four points in math, four points in English and six points across science and social studies. Your school and district receive grades on the Ohio School Report Cards for all students' scores *and participation* on state tests.

OR

Industry credential and workforce readiness

Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn a 13 on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

OR

College and career readiness tests

Earn the "remediation-free" scores* on either:

ACT	SAT
English - 18 or higher	Writing - 430 or higher
Mathematics - 22 or higher	Mathematics - 520 or higher
Reading - 22 or higher	Reading - 450 or higher

Your district will choose either the ACT or SAT for all students in your district to take for free during a one-time statewide spring test in grade 11.

*Ohio's university presidents set these scores, which are subject to change.

and

You have choices. Check them out at education.ohio.gov, search *graduation requirements Classes of 2018 and beyond*. Then talk to your school counselor.

August 2016

College Credit Plus

Description: CCP replaces PSEO and Dual credit. Any time a student in grades 7-12 receives high school and college credit at the same time, it is CCP.

Purpose: Promote rigorous academic pursuits and provide a wider variety of curriculum options.

Available to: Any student in Grades 7-12 who fills out the attached form and submits it by April 1 of the preceding year. Reminder: while Ridgemont must accept any student applying, colleges will only accept students deemed as college ready (varies from college to college but GPA and ACT score are often considered)

Costs: There is no cost for the student or student family unless the student fails the course or fails to complete the course (withdraws from course after withdraw deadline). If the student fails/withdraws, the student/family is responsible for reimbursing Ridgemont for the cost of the class. If the student takes a class AT the college campus, the student and family are responsible for transportation and transportation costs.

Ridgemont Details: With the new changes for College Credit Plus, Ridgemont has decided to enter into an agreement with Bowling Green State University for the 2019-2020 school year. Students are still allowed to apply and take classes at any college/university he/she chooses best fits their needs. The agreement that Ridgemont will have with BGSU allows our students to take courses at Ridgemont for both high school and college credit that are instructed by Ridgemont teachers. Students can also decide to take courses taught by a BGSU instructor online and/or on campus.

Procedures for Enrolling:

1. Student and family complete Letter of Intent and give to guidance office by April 1. Student applies to college for acceptance into CCP program (April or May).
2. Student makes appointment with college academic advisor to make college schedule. NOTE: college schedule and high school schedule can be difficult to make fit together.
3. Student completes course(s)
4. Student requests transcript from college (used when applying to college attending after high school).

Credit Transfer: There are no guarantees that college credit earned through CCP will transfer to a college the student attends after high school. However, credits are almost always accepted by other colleges. Talk to college you wish to enroll in after high school to verify transferability.

Additional information can be found at <https://www.ohiohighered.org/ccp>.

ADVANCED COLLEGE PREP 5 YEAR PLAN

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Humanities ELA 8	Humanities ELA I	ELA II	ELA III	ELA IV
		CCP English	CCP English	CCP English
Algebra I - HS credit	Geometry	Algebra II	Trigonometry/Pre-Calculus	Calculus
	Physical Science	Biology	Anatomy or Environmental Science	Anatomy or Environmental Science
		Chemistry	Chemistry	Chemistry
			Physics	Physics
Humanities History 8	Humanities History 9	American History	American Government	
				Contemporary World Issues & Geography
	Physical Education/Health	Physical Education/Health	N/A	N/A
Electives	Technology in Humanities	Technology Course	Technology Course	Technology Course
	Foreign Language	Foreign Language	Foreign Language	Foreign Language
	Fine Arts	Fine Arts	Fine Arts	Fine Arts
	Other Electives*	Other Electives*	Other Electives*	Other Electives*

* Other Electives: music, family consumer science, and agricultural education.

4 YEAR HIGH SCHOOL PLAN

Grade 9	Grade 10	Grade 11	Grade 12
Humanities ELA I	ELA II	ELA III	ELA IV
			CCP English
Algebra I	Geometry	Algebra II	Senior Math
			Trigonometry/Pre-Calculus
Physical Science	Biology	Anatomy or Environmental Science	Anatomy or Environmental Science
		Chemistry	Chemistry
		Environmental Science	Environmental Science
			Physics
Humanities History 9	American History	American Government	American Government
			Financial Management/Contemporary Issues
Physical Education	Physical Education/Health	N/A	N/A
Foreign Language	Foreign Language	Foreign Language	Foreign Language
Fine Arts	Fine Arts	Fine Arts	Fine Arts
Other Electives*	Other Electives*	Other Electives*	Other Electives*

* Other Electives: music, family consumer science, and agricultural education.

AGRICULTURAL EDUCATION

Agricultural Science I (Elective Full Year Course)

A foundation program for the Environmental and Agricultural Systems Cluster area. The program prepares students with basic knowledge and skills across all disciplines and industries associated with agriculture, horticulture, and natural resources management. Students apply the principles and processes of plant and animal science; business practices; and woodworking. Communications and leadership skill development are considered essential to the program.

Open to grades: 9

Length: One year

Credit: 1.25 credits

Prerequisite: None

Agricultural Science II (Elective Full Year Course)

A foundation program for the Environmental and Agricultural Systems Cluster area. The program prepares students with basic knowledge and skills across all disciplines and industries associated with agriculture, horticulture, and natural resources management. Students apply the principles and processes of plant, animal, and soil science; resource conservation; food science; business practices; and welding. Communications and leadership skill development are considered essential to the program.

Open to grades: 10

Length: One year

Credit: 1.25 credits

Prerequisite: Agricultural Science I

College Tech Prep Ag Business One (Elective Full Year Course)

Students apply animal, plant, and environmental sciences to the production, management, marketing, distribution, and processing of agronomic crops and domestic animals. The program addresses all aspects of the business of agriculture. This includes all production areas and all business/professional services provided to support production systems. Students understand the basic mechanical, structural, and environmental systems that are used in the business of agriculture. Communications, business principles, and leadership development are considered essential to the program.

Open to grades: 11

Length: One year

Credit: 1.25 credits

Prerequisite: Agricultural Science II

College Tech Prep Ag Business Two (Elective Full Year Course)

Students apply animal, plant, and environmental sciences to the production, management, marketing, distribution, and processing of agronomic crops and domestic animals. The program addresses all aspects of the business of agriculture. This includes all production areas and all business/professional services provided to support production systems. Students understand the basic mechanical, structural, and environmental systems that are used in the business of agriculture. Communications, business principles, and leadership development are considered essential to the program. Students who complete College Tech Prep Agricultural Business One and Two are eligible to receive college credit from Rhodes State College and/or Northwestern of Ohio.

Open to grades: 12

Length: One year

Credit: 1.25 credits

Prerequisite: Agricultural Business I

Work Study - Career Capstone Work Experience

Work related skills for entering, competing and advancing in a changing work world. Students will be employed developing skills to prepare them for a successful future. All guidelines will be established through Stephanie Jolliff, the Work Study Coordinator. Credits will be determined by Stephanie Jolliff, the Work Study Coordinator, after acceptance to the program based on work hours documented and certified.

Open to grades: 11, 12

Length: One year

Credit: Maximum 2 credits total (earn 1 credit for every 200 hours worked)

Prerequisite: None

BUSINESS

Entrepreneurship

This course will provide a sound base to the understanding of entrepreneurial activity and possibilities. Students will learn the process and skills needed for creating and developing a business venture. The course will explore the skills and characteristics of successful entrepreneurs; and cover key areas of new venture development including opportunity identification, feasibility analysis, marketing plan, business plan development. In addition to learning the process, students will have the opportunity to create a business plan for the Gopher Den and apply learned concepts to operate the existing business.

Open to grades: 9,10,11,12

Length: One year

Credit: 1 credit

Prerequisite: None

COMPUTER TECHNOLOGY

Computer and Media Applications (Elective Full Year Course)

This course focuses on introductory concepts in the 9-12 portion of Ohio's technology academic content standards that increases personal productivity and manage information as well as desktop publishing and production. Emphasis is placed on Google Apps and other relevant programs for word processing, presentation, data management, emailing, file management and publishing, advanced presentation development, careers in technology, photo editing, web design, and video construction and editing.

Open to grades: 10,11,12

Length: One year

Credit: 1 credit

Prerequisite: Humanities Technology

ENGLISH

Humanities – ELA (Required Full Year Course)

English 9 is a time where students will continue developing their writing skills by using various writing styles. From creative to argumentative writing, students will become comfortable with the writing process: prewriting, drafting, revising, editing and final drafts. Students will also be expected to continue their growth in vocabulary and understanding English grammar. On the literature side, students will be exposed to many forms of poetry, prose, fiction, non-fiction, and other various genres. With literature, they will exercise various techniques and strategies in order to make their reading worthwhile. Some of these strategies are understanding and identifying character, plot, tone, theme, symbolism. All of these things would follow and align with the Ohio Common Core State Standards. This course will be taught in conjunction with Integrated Social Studies.

Length: one year

Credit: 1 credit

Prerequisite: None

English II (Required Full Year Course)

This course is required by all tenth graders and provides knowledge of and practice in high school level literature study and composition. This course aligns with Ohio's Academic Content Standards for English Language Arts. This class continues an emphasis on grammar, vocabulary, and writing as well as a formal study of a variety of fiction and nonfiction American literature. The ultimate goals for this class are to expose students to American culture, heritage, and history through study of our literature, and to continue advancement towards more mature, refined writing skills." Essential Questions and Skills Students will explore the following essential questions: • What are the different qualities that poems, stories, and plays should share to be appropriate for an American literature course? • What does it mean to be an 'American'? • What is the proverbial 'American Dream'? Does everyone have the equal opportunity to pursue the 'American Dream'? • How are my cultural heritage and the heritage of my country reflected in American literature? • How do my cultural heritage and the heritage of my country contribute to who I am? • How can writing help me comprehend, explore, and learn from what I read? Students will also gain academic rhetorical writing, speaking, and researching skills.

Open to grades: 10

Length: One year

Credit: 1 year

Prerequisite: Humanities - ELA

English III (Required Full Year Course)

The purpose of this course is to allow the students to continue to strengthen their reading, writing, and oral reading skills. This course is also designed to allow the students to begin a preparation program for their post high school years. Students will read various genre forms of modern literature such as plays, essays, novels, short stories, and poetry. Students will further develop their argumentative and creative writing following the writing process they have practiced for the last few years. Students will begin to develop and grow their academic writing style and learning how to problem solve through rhetorically focused argumentative, researched writing. The objectives of the

course are: To provide a working knowledge of the characteristics of various literary genres, To develop analytical skills and critical thinking through reading, discussion, and written assignments, To broaden a student's intercultural reading experience, To deepen a student's awareness of the universal human concerns that are the basis for literary works, To stimulate a greater appreciation of language as an artistic medium and of the aesthetic principles that shape literary works, To understand literature as an expression of human values within an historical and social context.

Open to grades: 11

Length: One year

Credit: 1 year

Prerequisite: Humanities ELA and English II

English IV (Required Full Year Course)

The purpose of this course is to bring to focus and review all of the skills that the student has learned in the past twelve years, while also providing preparation for college level courses. All course work aligns with Ohio's Academic Content Standards for English Language Arts for twelfth grade. All coursework places emphasis on those skills inherent to effective communications including reading comprehension and analysis, public speaking, listening, grammar and a special emphasis on research and writing. In addition, students will be introduced to the study and analysis of Modern British literature, history, culture and global impact. Students should expect to produce rhetorically sound writing which integrates their own thinking with reputable research on appropriate topics.

This course also encapsulates the transition from high school learning and language arts/communication skills to a year-long overarching project richly embedded with 21st century employability protocol. The Senior Project will not only further emphasize research, writing, public speaking and employability skills, but will further explore the relevance of how each student can contribute to our world. The multi-faceted project will focus on two aspects. Grading will be rubric-based and students will compete for the 21st Century Employability Capstone Award which will be recognized during the end of year awards assembly.

The immediate goal of this course is to prepare students for entry level English in higher education facilities; the long-term goal is to help produce literate, articulate and thoughtful citizens.

Open to grades: 12

Length: One year

Credit: 1 year

Prerequisite: English III

CCP Intro to Lit (Fall) and World Literature (spring) offered through BGSU

The purpose of this course is to bring to focus and review all of the skills that the student has learned in the past twelve years, while also providing preparation for college level courses. Students will review reading and writing skills, and will demonstrate the mastery of those skills with a final project each semester. ACT review, portfolio assessment, and scholarship information will be completed during this year. The first semester of the course focuses on the aesthetics of writing and pop culture's impact on society through a film analysis focus. Students will be analyzing films through formal essays and creating films of their own. The second semester will require students to begin writing and researching academic, career focused topics at a collegiate level. Students will have written and defended a 10 page researched essay by the end of the semester. **Students signing up for this coursework must understand that it is subject to change due to university stipulations.

Open to grades: 12

Length: One Year

Credit: 1 Year

Prerequisite: GSW 1110 & 1120

General Studies Writing: GSW 1110

General Studies Writing 1110 (GSW 1110) has been designed to provide college students with an introduction to academic writing—the kind of writing students are asked to do throughout college and often beyond. Most students who are new to college have had little experience with academic writing and sometimes find learning to write in new ways challenging. To this end, GSW 1110 has been designed to assist students in making the transition from high school writing to college-level writing.

GSW 1110 is a highly interactive “workshop” class in which you, your classmates, and I will read, write, and discuss together. You will encounter a wide variety of activities in this class: among them, you will be introduced to various invention strategies that have been designed to generate and deepen your ideas; you will be provided with ample feedback on your drafts by your classmates and me; you will be helped to critically evaluate your own writing in order to revise effectively; you will gain experience with analyzing the audience and purpose of your papers in order to write your papers persuasively; and you will be given assistance with presenting your ideas clearly and supporting them with academically credible sources.

To achieve these various goals, you will write five well-developed essays, the majority of which will be documented with sources. Throughout the course, you will assemble all of the drafts you write for each essay in a portfolio in order to demonstrate your progress as a writer over the semester.

CCP class offered through BGSU for students that have applied and met enrollment requirements placed by BGSU.

Open to grades: 7,8,9,10,11,12

Length: One semester

Credit: 1 HS credit (3 College Credits)

Prerequisite: College Credit Plus (CCP) course; must apply and meet BGSU eligibility

General Studies Writing: GSW 1120

GSW 1120, “Academic Writing,” is the last in the series of General Studies Writing (GSW) courses offered at BGSU. Although there are probably hundreds of varieties of academic writing that occur in various contexts (some of which you may have explored in 1100 or 1110), in this class we concentrate on varieties of writing that are especially prominent in academic settings: the critique, the multiple source synthesis essay, PreSearch essay, and the synthesized and documented researched essay.

The emphasis in GSW 1120 is on developing your critical and analytical skills in reading, thinking, and writing. Specifically, GSW 1120 is designed to give you instruction and extensive practice in reading scholarly articles, writing critiques of what you read, making logical connections among several sources, and writing about those connections. As part of your GSW 1120 research requirement, you also will learn to use the BGSU library effectively and to utilize a variety of academic sources in your writing.

Along with further developing your critical, analytical and rhetorical skills, GSW 1120 will provide further opportunities for you to consider, critique, and confirm your own and others’ values and the importance these values play in communication in all academic disciplines and professions.

CCP class offered through BGSU for students that have applied and met enrollment requirements placed by BGSU.

Open to grades: 7,8,9,10,11,12

Length: One semester

Credit: 1 HS credit (3 College Credits)

Prerequisite: College Credit Plus (CCP) course; must apply and meet BGSU eligibility and have passed GSW 1110.

English Introduction to Literature 2010 (BGSU):

This course will be comprised of various thematic topics. First and foremost, it will be an introduction to literary and textual study with attention to various forms of fiction, nonfiction, drama, poetry, and to essential literary terminology and practice.

CCP class offered through BGSU for students that have applied and met enrollment requirements placed by BGSU.

Open to grades: 7,8,9,10,11,12

Length: One semester

Credit: 1 HS credit (3 College Credits)

Prerequisite: College Credit Plus (CCP) course; must apply and meet BGSU eligibility and have passed GSW 1110 & 1120.

English 2620 (BGSU)

This course works in English and in translation of various world literatures from 1700 to the present, including a balanced selection of texts from European and non-European cultures such as French, Russian, Spanish, Latin American, Chinese, Indian, African, Caribbean, Japanese, Arabic, etc.

CCP class offered through BGSU for students that have applied and met enrollment requirements placed by BGSU.

Open to grades: 7,8,9,10,11,12

Length: One semester

Credit: 1 HS credit (3 College Credits)

Prerequisite: College Credit Plus (CCP) course; must apply and meet BGSU eligibility and have passed GSW 1110, 1120 & 2010.

School Publications (Elective Full Year Course)

This course is designed for the student who has a strong interest in publications and desires to assist the school with its publications, the yearbook and online school newspaper. Students are expected to be motivated and self-directed since the class is project-based and goal-driven. A wide variety of technology applications and equipment are utilized. In addition, this hands-on course covers a wide range of subject matter: feature writing, in-depth reporting, sports writing, interviewing, computer layout design, digital photography, sales, bookkeeping, and teamwork. This course is recommended for students considering a career in communication, journalism or visual media.

Open to grades: 9,10,11,12

Length: One year

Credit: 1 credit

Prerequisite: Attending extracurricular activities, weekend and summer workdays, C or better in previous English course. Cannot be used as an English credit course!!

MATHEMATICS

Algebra I (Required Full Year Course)

This class covers the fundamental operations with the number systems as well as the basic language and operations with the algebraic concepts. Topics include: linear, quadratic, and exponential functions, descriptive statistics, solving equations and inequalities, linear graphing, polynomials, and systems of equations. This course aligns with Ohio's Academic Content Standards for Algebra I. A graphing calculator is recommended (TI 83 or TI 84), but not required by students to own.

*** 8th grade students that have been recommended based on performance in 7th grade Math and with parent permission can be placed in Algebra I to earn HS credit***

Algebra I (Required Full Year Course)

Open to grades: 8, 9

Length: One year

Credit: 1 credit

Prerequisite: None

Geometry (Required Full Year Course)

This is the traditional course in planar geometry with some three dimensional applications. Topics include: Logic and proof, congruence and similarity in shapes are covered in detail, constructions, coordinate geometry, transformations, and probability. This course aligns with Ohio's Academic Content Standards for Geometry. A scientific calculator or better is recommended.

Open to grades: 9, 10

Length: One year

Credit: 1 credit

Prerequisite: Algebra I

Algebra II (Required Full Year Course)

Algebra II is designed to build on prior algebraic and geometric concepts. Topics include: matrices, rational functions, exponents, logarithms, systems of equations, advanced polynomials, imaginary and complex numbers, and quadratics. ***A TI 83 or 84 graphing calculator is required***

Open to grades: 10,11,12

Length: One year

Credit: 1 credit

Prerequisite: Algebra I & Geometry

Senior Math (Elective Full Year Course)

This course is separated into two pieces. The first half studies applications of basic math to “real world” problems. It is a very practical course for those who want to learn about balancing a checkbook, car insurance, filing tax returns, investments, budgets, credit, mortgages and loans, just to name a few. The second half of the course dives deeper into the study of descriptive statistics and probability. The course covers graphing data sets, probability distributions, and hypothesis test.

Open to grades: 12

Length: One year

Credit: 1 credit

Prerequisite: Algebra I, Geometry, and Algebra II

Trigonometry/Pre-Calculus (Elective Full Year Course)

Trigonometry's major concepts include the study of relations, functions, graphs, trigonometry, polar coordinates, complex numbers, limits; there is an emphasis on verification of trigonometric identities using all of the basic trigonometric identities. This course will develop the student's geometric concepts, improve logical thinking for students who wish to continue education beyond high school. *****A TI 83 or 84 graphing calculator is required*****

Open to grades: 11, 12

Length: One year

Credit: 1 credit

Prerequisite: Algebra I, Geometry & Algebra II

Calculus (Elective Full Year Course)

This course is designed for those students planning to attend college. Calculus deals with calculating and exploring things that change at variable rates. The major concepts include limits, derivatives, and integrals. We will explore each concept in four different ways; graphically, numerically, algebraically, and verbally emphasizing the connections and applications.

*****A TI 83 or 84 graphing calculator is required*****

Open to grades: 12

Length: One year

Credit: 1 credit

Prerequisite: Algebra I, Geometry, Algebra II, Trig/Pre-Calculus

PERFORMING ARTS

HS Band (Elective Full Year Course)

High School Band is open to students in grades 9-12. Students must have been a member of Junior High Band for at least one year prior to enrolling in the High School Band. All members must enroll for the entire year. This ensemble is comprised of Marching Band (August-November), Pep Band (November-February), and Concert Band (November-May). The band performs at all football games, home basketball games, three school concerts, and other community events, festivals, and competitions. OMEA Solo & Ensemble is optional for band members. Students may audition to be a member of Jazz Band.

Open to grades: 9,10,11,12

Length: One year

Credit: 1 credit

Prerequisite: None

HS Concert Choir (Elective Full Year Course)

The Concert Choir is made up of students in grades 9-12. All members must enroll for the entire year. The ensemble will build upon the foundations of singing, sight reading, and basic music theory learned in Junior High Choir, although there is no prerequisite required for this class. There will be four performances in October, December, February, and May. Other performances outside of school which are educational and appropriate to the ensemble may be added with notice. OMEA Solo & Ensemble is optional for choir members.

Open to grades: 9,10,11,12

Length: One year

Credit: 1 credit

Prerequisite: None

PHYSICAL EDUCATION/HEALTH DEPARTMENT

Physical Education I (Required Semester Course)

A comprehensive subject area, which incorporates fundamental motor skills, body control and balance, physical fitness, leisure sports and game skills, cognitive skills, as well as stress management skills.

*** 8th graders that chose to take Physical Education and completed junior high Physical Education in 7th grade are able to earn HS credit based on completion of Physical Education I requirements***

*** PE Waivers are available for students that participate in Athletics (all sports, cheerleading and Marching Band). PE Waiver form can be picked up in the Counselor's Office***

Open to grades: 8, 9, 10, 11, 12

Length: One semester

Credit: 0.25 credit

Prerequisite: None

Physical Education II (Required Semester Course)

An advanced comprehensive subject area, which incorporates fundamental motor skills, body control and balance, physical fitness, leisure sports and game skills, cognitive skills, as well as stress management skills.

**** PE Waivers are available for students that participate in Athletics (all sports, cheerleading and Marching Band). PE Waiver form can be picked up in the Counselor's Office****

Open to grades: 9, 10, 11, 12

Length: One semester

Credit: 0.25 credit

Prerequisite: Physical Education I

Online Health (Required Semester Course)

This is a required course for all 8th Graders

This course will be delivered in an online format and, when possible, in a classroom setting with a certified Health teacher. . Students will take in depth look at the following subjects related to health, drugs and their effects on the body, dating violence, Communicable and Noncommunicable diseases, relationships, and the reproductive system.

Open to grades: 8, 9,10,11,12

Length: One semester

Credit: 0.50 credit

Prerequisite: None

SCIENCE

Physical Science (Required Full Year Course)

The course will give the high school student a general introduction to chemistry (properties and interaction of matter) and physics (motion, forces, and energy). Laboratory activities will also be included to reinforce concepts and increase familiarity with the laboratory. Students will participate in problem / project based learning initiatives.

Open to grades: 9

Length: One year

Credit: 1 credit

Prerequisite: None

Biology (Required Full Year Course)

The biology content associated with this course will coincide with Ohio Department of Education content standards and end-of-course state based examinations. Topics will include: cells, diversity and interdependence of life, evolution, and heredity. Knowledge of content standards will be displayed through research, technology, laboratory and problem / project based initiatives. Depth of understanding will also be linked to historical science perspectives, emerging science related issues, ethics, fields specific careers and science related inquiry. The goal of this process is to provide students with the transferable skills needed to be successful in a variety of real world settings. Target transferable skills include: communication, organization, self discipline, work ethic, pro-activeness and problem analysis, synthesis, evaluation. This course fulfills the Life Science graduation requirement for students, per Ridgmont and The Ohio Department of Education.

Open to grades: 10

Length: One year

Credit: 1 credit

Prerequisite: None

Anatomy & Physiology (Elective Full Year Course)

This course is an enhanced version of the General Anatomy and Physiology course that works to prepare students for college-level academia. Though the course works to accomplish the General Anatomy and Physiology goals, it also integrates college-appropriate human anatomy laboratory activities (such as dissection), medical technology, problem-solving strategies, and keeping students up-to-date on current scientific advances. Students will participate in problem / project based learning initiatives as a means to acquire the transferable skills needed to be successful in a variety of real world settings. Delete Please

Open to grades: 11,12

Length: One year

Credit: 1 credit

Prerequisite: B in Biology or Teacher Approval

Environmental Science (Elective Full Year Course)

The goals of this course is to encourage students to build a foundation and appreciation for their community in terms of the environment. The course allows students to investigate concepts such as: "Earth Systems: Interconnected

Spheres of Earth”, “Earth’s Resources”, and “Global Environmental Problems and Issues.” Students will participate in problem / project based learning initiatives.

Open to grades: 11,12

Length: One year

Credit: 1 credit

Prerequisite: None

Chemistry (Elective Full Year Course)

Chemistry is a branch of science that studies matter and the changes matter experiences. The course will explore such topics as chemical naming and formulas, the mole, equations, the Periodic Table, atomic structure, bonding, phases of matter, acids and bases, thermodynamics, and oxidation and reduction. Lab activities will support and reinforce concepts.

Open to grades: 11,12

Length: One year

Credit: 1 credit

Prerequisite: Physical Science & Algebra I

Physics (Elective Full Year Course)

Physics is a branch of science concerned with explaining the physical nature of everything from atoms to automobiles. The course deals with such topics as mechanics, heat, light, optics, sound, electricity, and magnetism. The course consists of both classroom and laboratory situations.

Open to grades: 12

Length: One year

Credit: 1 credit

Prerequisite: C in Chemistry & C in Algebra II

SOCIAL STUDIES

Humanities - History (Required Full Year Course)

This course provides a survey of World History with special emphasis on geographic settings, cultural perspectives, economic systems, and various forms of government within Europe, Asia, Africa, and the Americas. The students will analyze such area and specific events as the Enlightenment, the American and French Revolutions, Industrialism, Imperialism, Communism, the World Wars, the Cold War, and issues in the world today. Historical interpretation and research will be integral parts of the course. This course will be taught in conjunction Humanities 9 – ELA. This course will also integrate technology into the course and students will receive a technology credit.

Open to grades: 9

Length: One year

Credit: 1 credit

Prerequisite: None

United States History (Required Full Year Course)

This course is a chronological survey of 20th Century U.S. History from the Age of Imperialism to the present. Emphasis will be placed on the attitudes and values of the modern United States and the forces, which have shaped the United States. Emphasis will be placed on the effects of Industrialization, the Progressive Movement, American Imperialism, the Great Depression, the Cold War, and all other major conflicts of the 20th century. Students will be exposed to how these events shaped the political and economic development of the world. Skills will be developed in analyzing world events and the reading of maps and graphs. Assessment will be based on written work, projects, oral presentations, and tests.

Open to grades: 10

Length: One year

Credit: 1 credit American History

Prerequisite: Humanities - History

Government (Required Full Year Course)

This course is a study of the U.S. Constitution, the three branches of the government, and the economy and how they influence our society. Lecture and discussion are the primary methods of instruction. Special attention will be given to current issues as we discuss how they affect our daily lives. Assessments from class notes and readings will be implemented regularly. Tests are given at the completion of each unit. Government should be taken during the 11th grade year.

Open to grades: 11, 12

Length: One year

Credit: 1 credit

Prerequisite: American History

Contemporary World Issues and Geography

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. Students can impact global issues through service learning and projects.

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.

Open to grades: 9, 10, 11, 12

Length: One year

Credit: .5 credit

***** Life and Financial Transitions** - This class is or an equivalent is a new graduation requirement for the class of 2020 and beyond. In this class students will learn to recognize personal assets, set goals, form a plan and carry out that plan on the way to becoming a confident and responsible person. Students will learn personal leadership strategies and develop a career blueprint. (.5 credits)

VISUAL ARTS

Art I (Elective Full Year Course)

Art I designed as a foundations course for introduction to and exploration of a variety of 2-D and 3-D art media experiences. Emphasis will be on developing artistic behaviors in the classroom/studio. Students will try a variety of new media, and will be encouraged to work on skill development in the media they prefer. Artists and historical periods will be addressed as they apply to the studio work. Written reflection on learning is a required part of this course.

Open to grades: 8,9,10,11,12

Length: One year

Credit: 1 credit

Prerequisite: None

Art II (Elective Full Year Course)

Art II (Advanced Art) stresses in-depth development of the foundation skills, media and techniques explored in Art I. Projects will be larger and more time-consuming. Students will be expected to strive towards a higher degree of skill and craftsmanship in chosen media. Progressively more complex work in all media is expected. Artists and historical periods will be addressed as they apply to studio work. Students repeating this course will have more freedom, opportunity and responsibility in the development of project objectives, but will also be expected to attain a higher level growth in their skills. Art career-oriented students will begin to develop a portfolio of work and explore career opportunities in the arts. When repeating the class for the second or third time, students are expected to initiate their own ideas for more complex project work. Written reflection on learning is a required part of this course.

Open to grades: 9,10,11,12

Length: One year

Credit: 1 credit

Prerequisite: *Art I with a “B” or better AND permission of the instructor. Student must achieve a “B” or better in Advanced Art to repeat.* Previous behavior, work ethic, dedication to the subject and skill level will be taken into consideration to determine teacher recommendation.

World Languages

Spanish I (Elective Full Year Course)

This course focuses on the four language skills of listening, speaking, reading, and writing. Students acquire the necessary grammar, vocabulary, and cultural understandings in order to interpret and produce written and spoken Spanish language on a variety of daily-life topics (e.g., school, family, shopping, food choice, etc.). Differences among cultures are discussed, geography of Latin America is introduced, and a hispanic culture project is required. This course is open to anyone who is interested in learning about global cultures and language. It is highly recommended for those planning to attend a college or university after high school.

Open to grades: 9,10,11,12

Length: One year
Credit: 1 credit
Prerequisite: None

Spanish II (Elective Full Year Course)

This course continues the study of the Spanish language through culture, incorporating the four communication skills of listening, speaking, reading, and writing. Students acquire the necessary grammar, vocabulary, and cultural understandings in order to interpret and produce written and spoken Spanish language on a variety of daily-life topics (e.g., childhood, travel, restaurants, etc.). The study of culture focuses on the countries of Spain and Mexico and several projects will be required. This course is open to anyone who is interested in learning about global cultures and language and who has earned credit for Spanish I. It is highly recommended for those planning to attend a college or university after high school.

Open to grades: 10,11,12
Length: One year
Credit: 1 credit
Prerequisite: Spanish I

Spanish III (Elective Full Year Course)

This course continues the study of the Spanish language. The focus of this course will be to implement the skills learned in Spanish I and II as students continue to develop fluency and increase their vocabulary. Students acquire the necessary grammar, vocabulary, and cultural understandings in order to interpret and produce written and spoken Spanish language on a variety of daily-life topics (e.g., future events, life after graduation, current events, history, etc.). This course will broaden the understanding of literature and culture of the target language. This course requires students to prepare and present lessons to elementary students. Additionally, students will write biographies of famous people of historical or cultural importance. This course is open to anyone who is interested in learning about global cultures and language and who has earned credit for Spanish I and II. It is highly recommended for those planning to attend a college or university after high school.

This course is recommended for those planning to attend a college or university after high school.

Open to grades: 11,12
Length: One year
Credit: 1 credit
Prerequisite: Spanish I & Spanish II