



**Reynoldsburg High School
Program of Study
2019-2020**

General Information

Non-discrimination

The Reynoldsburg City School District provides an equal opportunity for all students, regardless of race, color, creed, disability, age, religion, gender, ancestry, national origin, place of residence within the boundaries of the district or social or economic background, to learn through the curriculum offered in this district.

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

Instructional Fees

The Reynoldsburg Board of Education adopts fee schedules as recommended by the Superintendent. The fee structures will be included in the Program of Study once the board has approved the structures.

Senior Fees

Seniors are required to pay a \$55 Senior Fee. This fee covers senior specific items and events such as graduation. This fee is not reduced or waived for those students who are eligible for free/reduced price lunch. The fee may be reduced to the cost of \$15 for students that will only receive a diploma and diploma cover, who will not participating in the graduation ceremony. Students paying this reduced fee will not receive any of the academic honor awards such as, but not limited to Raider Scholar Medallion, Honor Cords and including academy pennants even if the student has rightly earned such awards. Students desiring such awards regardless of participation in the graduation ceremony will pay the full \$55 fee.



Grade Placement

Requirements for Promotion

Students in grades 9-12 shall be assigned to a grade level based on the total credits earned by the first day of the new year and the English course the student previously completed.

Total Credits	Promotion to grade
Promotion from grade 8	9
5 credits	10
10 credits	11
15 credits	12

Computation of Class Rank

Reynoldsburg High School academies do not rank their students.

Transfer Credits

Any credit awarded within Reynoldsburg High School regardless of academy is concurrently awarded across all high school academies. (For example, if a student from Bell Early College Academy transfers to Encore, all credits earned at Bell apply equally to graduation from Encore.)

Any student who transfers to Reynoldsburg High School from a public, private, or community school other than Reynoldsburg High School will be placed in accordance with Board of Education Policy. Placement and credits may be made based upon the student's demonstrated abilities as determined by testing, journals, interviews, portfolios, and other performance-based assessment measures.

Graduation Requirements

To graduate from a Reynoldsburg High School, a student must meet the standards adopted by the State of Ohio, and the Reynoldsburg City Schools Board of Education.

Subject	Minimum Credit Requirement	
English	4	
Social Studies	3	
Science	3	1 credit Biology; 1 credit Physical Science
Math	4	Must include Alg. 2 or Honors Alg. 2
Health	$\frac{1}{2}$	

Physical Education	1/2	Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading.
Financial Literacy Elective	1/2	
Additional Electives	5	1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in middle school (grades 7-8). Fine arts are not a requirement for students following a career technical pathway. Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
Total Credits: 20		

Required Coursework

- Student work completed prior to the ninth grade is applied towards graduation credit if the course is taught by an appropriately certified/licensed teacher and is designated by the board as meeting the curriculum requirements.
- If a student chooses to accept credit for coursework taken prior to the ninth grade, all credit will be counted toward the student's accumulated GPA and class rank.
- Special programs, such as special education or career education at Eastland/Fairfield Career Center, shall meet the requirements for graduation in accordance with the program standard as established by the Ohio Department of Education and the Reynoldsburg Board of Education.

Early Graduation

Students who desire to graduate from the Reynoldsburg High School in less than four years must submit a letter of intent to the high school principal through their high school counselor at least one full semester prior to the intended graduation date. The letter of intent must include justification educationally, vocationally, and socially of the decision to graduate early and include written parental approval.

Graduation Options

College/Career Readiness Options

Students must meet one of the three college/career readiness options in addition to the curriculum requirements mapped out by Ohio's Department of Education. The three options are as follows...

Option One: Ohio's State Tests

Students earn a cumulative passing score of 18 points, using seven end-of-course state tests.

Ohio's State Tests	Reynoldsburg Course
Algebra I	Algebra I or Integrated Math I
Geometry	Geometry or Integrated Math II
English I	English 9 or English 9 Enriched
English II	English 10 or English 10 Enriched
Biology	Biology or Biology Enriched
American History	U.S. History or AP U.S. History
American Government	U.S. Government or AP U.S. Government

Ohio's State Tests Point Requirements		
Subject Area	Required Tests	Required Points
Math	Algebra I and Geometry	4 points
English	English I and English II	4 points
Science and Social Studies	Biology, U.S. History and U.S. Government	6 points
Any combination of exams		4 points
Total required points: 18		

Note: Students taking Advanced Placement (AP) courses in biology, American History or American Government may take and substitute test scores for end-of-course state exams to earn graduation points. Students also may substitute grades from College Credit Plus courses in these science and social studies subjects for end-of-course state exams.

Option Two: Industry Credential and Workforce Readiness

Students earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment.

Option Three: College and Career Readiness Tests

Students earn “remediation-free” scores in English Language Arts and Mathematics on a nationally recognized college admissions exam.

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

The state of Ohio will pay one time for all 11th grade students in the class of 2018 and beyond to take either the ACT or SAT free of charge. The student’s district selection applies to all schools in the district for one school year. Test selection may change from one school year to the next.

Counselors will work closely with the student and his/her parents to develop a program in compliance with the standards of graduation set forth by the State of Ohio and Reynoldsburg Board of Education and the student’s best interests. Final approval rests with the principal.

Credit Options

Credit Flexibility

This education option gives students a way to be in charge of their learning. For some students, they see more value in school (“Why do I have to learn this?”) when they can connect learning with real world situations and future jobs. Credit flexibility is one way to increase a student’s interest in school and motivation to learn.

The key to this option is that the student drives the request to learn differently as well as the plan to earn the credit. A specific interest of the student is the basis for the request. The family starts by listening to their child.

1. Every school district has a policy on credit flexibility. The student and family should find and review the policy.
2. The student and family talks with the principal, counselor and teachers about the way to fulfill the student’s request and to meet requirements for earning a high school credit or credits.
3. The school approves the plan, which includes how the student will know he or she has succeeded. In some cases, the how could be a test, a project or a combination of several measures.

The teacher assigned with the plan oversees that the student is doing the work, meeting the goals and making progress in learning. If the student does not complete all elements in the plan or is not successful in demonstrating the knowledge and skills needed, then the student will not earn the credit. If this occurs, the student can go into a traditional classroom to earn the credit. It is the responsibility of the student to do the work to succeed in the plan. The teacher guides the student with feedback.

There is not one way to develop a credit flexibility plan. So the Ohio Department of Education does not provide a model plan. The student, school and family create the plan together. This includes discussion about any costs associated with the plan. The school may cover some costs, while families may need to handle some costs. The plan should include the costs and responsibility for payment.

These documents are designed to provide school and district leader’s guidance on how to implement their credit flexibility policy in ways that better ensure compliance and safeguard critical operations (e.g., state and federal accountability and school funding). Policymakers intended credit flexibility to be implemented and customized to local circumstances. As a result, state-level assistance is limited. ODE cannot anticipate every question or circumstance a district might face. Local customization allows for a variety of approaches to implementation. Guidance reflects our best thinking to date, and answers may change as this process is iterative. Where feasible and appropriate. ODE is working in partnership with local administrators to consider ways of improving system design and operations.

How to Earn Flex Credit

Students work on an Individualized Credit Flex Plan in conjunction with the Guidance Counselor and a highly qualified teacher to develop a plan for earning credit outside of the school day. The teacher of record is responsible for monitoring work completion and giving a final grade, and the guidance counselor is responsible for proper reporting of the course in PowerSchool and EMIS.

College Credit Plus

Ohio's College Credit Plus program can help students earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university College Credit Plus is free. That means no cost for tuition, books or fees. If a student chooses to attend a private college or university, he/she may have limited costs. In accordance with Bylaw 4-4-1, all courses taken in College Credit Plus must count toward high school graduation.

Reynoldsburg City Schools has partnered with local colleges, universities and other institutions of higher education to provide a full menu of courses for college credit. Students have several choices, and may use a combination of them, to complete up to two years' worth of college before they graduate from high school. Reynoldsburg High School has agreements with local colleges for specific courses, however, students can choose to take College Credit Plus courses from any college that offers a course that would benefit his/her future. This could include online courses.

College Entrance Requirements

Some schools require one of the following readiness assessments for placement into College Credit Plus

Test	Suggested time-line for taking test
PSAT	Given to sophomores and any junior who placed in the 70 th percentile the previous year.
ACT plus writing, SAT	Second semester of sophomore year is recommended. All students starting with the graduating class of 2018 will be given the ACT during their Junior Year of high school, in accordance with state guidelines.
Accuplacer	The Accuplacer test is a placement test used to determine readiness for Columbus State Community College coursework. Any student interested in College Credit Plus opportunities will take the test in the spring of the year before they wish to register for College Credit Plus coursework.

It is highly recommended that you review the program requirements and obtain a copy of the regulations governing College Credit Plus. This information can be found at www.ohiohighered.org/ccp. In addition, eligible students selecting to participate in CCP must be certain that

- The faculty members at the post-secondary institution understand that they will need to provide grades or a progress report at the time when the high school's grading period is over
- Any student-athlete is taking enough post-secondary course work exclusively or between the post-secondary institution and the high school combined to be equivalent to five one-credit courses.

College Credit Plus Course Credit Equivalency

Calculating equivalency of credits in the post-secondary institution is conducted in the same manner as in the high school, based on the Carnegie unit. College courses for which three or more semester hours of credit are earned are awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately. Examples of CCP options:

Example 1: 1st Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (must equal 5 units)
History	High	1 (year course)	$1 \times 1 = 1$
Literature	CCP	3 semester hours	$1 \times 2 = 2$
Calculus	CCP	5 semester hours	$1 \times 2 = 2$
Biology	CCP	3 semester hours	$1 \times 2 = 2$
Total Credits			7 = eligible for 2 nd grading period provided five credits passed.

The factor of 2 is used for post-secondary institutions that are on the semester system.

Example 2: 4th Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (must equal 5 units)
French	CCP	5 semester hours	$1 \times 2 = 2$
Sociology	CCP	3 semester hours	$1 \times 2 = 2$
Computers	CCP	2 semester hours	$.67 \times 2 = 1.34$
Geology	CCP	3 semester hours	$1 \times 2 = 2$
Total Credits			7.34 = eligible for 1 st grading period of next school year provided five credits passed.

The factor of 2 is used for post-secondary institutions that are on the semester system. Note that this student is taking all courses in CCP, which is acceptable.

Example 1: 1st Nine-Week Grading Period

Subject	Grade	Credit & Duration	Factor	Credit Equivalency (must equal 5 units)
English 10	C	1 – all year	1	$1 \times 1 = 1$
Spanish 1	D	1 – all year	1	$1 \times 1 = 1$
Health	B	$\frac{1}{2}$ - semester	2	$\frac{1}{2} \times 2 = 1$
Algebra	F	1 – all year	1	0
Computers	C	$\frac{1}{2}$ - semester	2	$\frac{1}{2} \times 2 = 1$

Social Studies	C	½ - semester	2	$\frac{1}{2} \times 2 = 1$
Total Credits				5 = eligible for 2 nd grading period

Example 2: 4th Nine-Week Grading Period

Subject	Grade	Credit & Duration	Factor	Credit Equivalency (must equal 5 units)
English	C	1 – all year	1	$1 \times 1 = 1$
Math	F	2 – all year	1	0
Science	D	1 – all year	1	$1 \times 1 = 1$
History	B	1 – all year	1	$1 \times 1 = 1$
Health	B	¼ - semester	2	$\frac{1}{4} \times 2 = \frac{1}{2}$
Elective	C	¼ - 4 th 9 weeks	4	$\frac{1}{4} \times 4 = 1$
Total Credits				$4 \frac{1}{2} =$ ineligible for 1 st grading period of next school year

College Credit Plus (CCP) Retake Guidelines

- A student that receives a letter grade of D or better in their college course has earned credit for that course and under CCP legislation is not eligible to have the school district pay for a retake of that course. If a family should choose to retake a course in which a passing grade has been earned, the family is responsible for paying for this course and materials associated with it.
- If a student earns a letter grade of F and that student is considered economically disadvantaged, then under CCP legislation the school district will pay for the retake of the course.
- If a student earns a letter grade of F and the student does not fall into the category of economically disadvantaged, then they may be eligible for the school district to pay for the retake of the course if they meet the following criteria:
 - The student has two or fewer excused absences for the class in question.
 - The student has had zero discipline referrals for the semester in question.
 - The student is not credit deficient and is on pace to graduate on time.
 - The student has an overall weighted GPA of 2.75 or higher.
- Students that do not meet all of the above criteria would be required to pay for a retake of the failed course, if they should choose to retake it.
- Students returning a college textbook that is damaged and not reusable may be required to pay for the replacement of the textbook.

College Credit Plus (CCP) – Athletic Eligibility

Note: If a student is participating in the College Credit Plus program, regardless of how delivered, the calculation of equivalency has changed. Please note that in accordance with Bylaw 4-4-1, all courses taken in College Credit Plus must count toward high school graduation.

Recommendations:

- Review program requirements/regulations governing CCP. This is located at
- Make certain the faculty members at the post-secondary institution understand that they will need to provide grades
- Make sure you are taking enough post-secondary course work exclusively or between the post-secondary institution and the high school combined to be equivalent to five one-credit courses.
 - College courses for which three or more semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately.
- If in sports, check below for student eligibility
- Please note, Reynoldsburg City Schools has a 2.3 GPA requirement. The NCAA has a 2.3 GPA requirement. If you would like further information about NCAA eligibility, please visit their website: www.ohsaa.org

Quick Reference for Protecting Student Eligibility

- For information on Credit Flex as it relates to OHSAA eligibility standards, please go to www.ohsaa.org/eligibility/default.asp
- Parents and students share responsibility to comply with scholarship standards. A class should not be dropped without first consulting with the athletic administrator to determine whether it will affect athletic eligibility



Diploma Options

Global Scholars Diploma Endorsement

The Global Scholars Diploma is an endorsement designed by the Columbus Council on World Affairs that students can earn on top of their regular diploma. The Columbus Council on World Affairs has worked closely with industry partners and local Universities to develop a program that creates globally affluent graduates that are well prepared to work for international companies. This endorsement will be beneficial on career resumes as well as college and scholarship applications.

The Global Scholars Diploma program is a three-year long program that students will begin in their sophomore year of high school.

Global Scholars Diploma Endorsement Requirements

1. Students must earn four foreign language credits. This can include four years of one foreign language or any combination of multiple foreign languages that add up to four credits.
2. Students maintain a digital portfolio each of their three years in the program. This portfolio will be used to document 60 hours of global fluency experiences that a student will complete on their own time each year. These global fluency experiences may include any of the following activities:
 - a. Attending an IPERC summer camp.
 - b. Developing and completing an ESL partnership with an ESL student in the building.
 - c. Attending a festival that celebrates a foreign culture.
 - d. Host a cultural awareness event at our school.
 - e. Travel abroad
 - f. Study another culture's art, music, film, literature, or religion.
3. During their sophomore year students will:
 - a. Complete four of the Columbus Council on World Affairs' digital badging on-line courses.
 - b. Attend four Global Scholars Diploma summits.
4. During their junior year students will:
 - a. Complete the on-line cross-cultural communications e-course designed by the Columbus Council on World Affairs.
 - b. Attend four Global Scholars Diploma summits.
5. During their senior year students will:
 - a. Complete Columbus Council on World Affairs activities that focus on five key global issues: global migration, human rights, food security, global security, and the environment.
 - b. Complete a global issues capstone project.
 - c. Complete the Global Scholars Diploma student portfolio.

Students successfully meeting these criteria by the time of graduation will earn the Global Scholars Diploma endorsement through the Columbus Council on World Affairs.

Diploma with Honors

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 in American history
½ unit Health	½ unit in Government
4 Units of English	3 units of Science including one unit of advanced science****

** 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, or contain material above the End of Course level.

For the Academic, Advanced Placement and Career Tech Honors Diplomas, students who entered the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria or the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Diplomas with Honors Criteria Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.			
Subject	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre and visual art)	Social Science & Civic Engagement Honors Diploma
Mathematics	5 units, including Algebra I, Geometry, Algebra II (or equivalent) and another higher-level course or a four-year sequence of courses that contain equivalent or higher content	4 units, including Algebra I, Geometry, Algebra II (or equivalent) and another higher-level course or a four-year sequence of courses that contain equivalent or higher content	4 units, including Algebra I, Geometry, Algebra II (or equivalent) and another higher-level course or a four-year sequence of courses that contain equivalent or higher content
Science	5 units including 2 units of advanced science****	3 units, including one unit of advanced science****	3 units, including one unit of advanced science****
Social Studies	3 units	3 units	5 units

Foreign Language	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language or 2 units of each of two world languages studied	2 units of one world language studied
Fine Arts	1 unit	4 units	N/A
Electives	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
Grade Point Average	3.5 on a 4.0 scale	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/1280 SAT	27 ACT/1280 SAT	27 ACT/1280 SAT
Field Experience	Complete a field experience (internship or apprenticeship) and document the experience in a portfolio specific to the student's area of focus	Complete a field experience (internship or apprenticeship) and document the experience in a portfolio specific to the student's area of focus	Complete a field experience (internship or apprenticeship) and document the experience in a portfolio specific to the student's area of focus
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts
Additional Assessment	N/A	N/A	N/A

Athletic Eligibility

Guidelines for Student Athletic Eligibility

Produced by the Ohio High School Athletic Association



OHSAA Bylaws for Student in Grades 7-12

Please familiarize yourself with the following OHSAA Bylaws:

- All beginning seventh graders are eligible insofar as the scholarship bylaw.
- All beginning ninth graders must have passed a minimum of five of all subjects in which enrolled the immediately preceding grading period.
- Eligibility for each grading period is determined by grades received in the preceding grading period. Per Bylaw 4-4-1, a grading period is defined as the school's Board-adopted calendar (e.g. six-week, nine-week, 12-week or semester). Semester and yearly grades have no effect on OHSAA eligibility.
- Grades 9-12: To be eligible, a student-athlete must have received passing grades in a minimum of five one-credit courses, or the equivalent, in the immediately preceding grading period (Note: Students taking post-secondary options must comply with these standards along with those participating via state law that permits home educated, non-public, community and STEM school students to participate at public schools in the district of residence of the parents).
- Grades 7-8: To be eligible, a student-athlete must have received passing grades in a minimum of five of all subjects in which enrolled the immediately preceding grading period. Students who are participating via state law that permits home educated, non-public, community and STEM school students to participate at public schools in the district of residence of the parents must also comply.
- For eligibility, summer school grades shall not be used to substitute for failing grades received in the final grading period of the regular school year or for lack of enough courses taken in the preceding grading period.

NOTE: "Grading period" is defined as your school's board-adopted calendar. In most school districts, this is a nine-week period, while some districts use six- or 12-week periods or semesters. It should also be noted, however, that interim, biweekly or weekly evaluations are not considered "grading period," and restoration of eligibility is NOT permitted after such evaluations.

Examples of Determining Student Eligibility – Grades 9-12:

Passing grades must have been received in a minimum of five one-credit courses, or the equivalent, in the immediately preceding grading period. To determine credit equivalency, multiply full-year courses by a factor of 1; semester courses by a factor of 2; twelve-week courses by a factor of 3; and nine-week courses by a factor of 4.

NOTE: In addition to any local standards or state mandated standards, the OHSAA standards must be met without exception in order to maintain athletic eligibility.

For information on Credit Flex as it relates to OHSAA eligibility standards, please go to www.ohsaa.org/eligibility/default.asp

Quick Reference for Protecting Student Eligibility

- Parents and students share the responsibility to comply with scholarship standards. Therefore, a student should be advised not to drop a class without first consulting with the athletic administrator to determine whether it will affect athletic eligibility
- Advise any student-athlete who desires to transfer that transferring may affect eligibility. At the beginning of the ninth-grade year, students may enroll in and attend any member school that accepts him or her. Once eligibility has been established at a member school, a student who transfers will be ineligible for all contests until the first 50 percent of the maximum allowable regular season contests have been competed in any sport in which the student participated during the previous 12 months unless one of the exceptions to the transfer bylaw is met. Should one of your student-athletes plan to transfer, set up a meeting between the student-athlete, his/her parents and your school principal or athletic administrator to review what affect the transfer will have on athletic eligibility.
- Be knowledgeable of the OHSAA eligibility requirements.
- Attempt to identify students who are or may become athletes when reviewing class schedules. *Insure that student-athletes are taking enough courses to meet the eligibility requirements so that they may participate the next grading period.*
- Work closely with the coaches and athletic director.
- Contact the athletic director or principal on questions pertaining to eligibility and ask them to discuss any unresolved issues with the administrators in the OHSAA office who handle eligibility issues.

NOTE: The OHSAA has no minimum grade point (GPA) requirement, thus issues regarding eligibility when only the GPA is of concern is strictly a local school district matter and not an OHSAA matter. Reynoldsburg City Schools has a 2.3 GPA requirement. The NCAA has a 2.3 GPA requirement. If you would like further information about NCAA eligibility, please visit their website. **For additional information, contact:**

Ohio High School Athletic Association

4080 Roselea Place, Columbus, Ohio 43214

Office Hours: Monday – Friday 7:30 a.m. – 4:30 p.m.

Telephone: (614) 267-2502 ® **Fax:** (614) 267-1677 ® **Website:** ohsaa.org

The complete text of the Bylaws and Regulations is published in the OHSAA Handbook, which is mailed to your school each summer and is posted on the OHSAA website.

Eastland Fairfield Career and Technical Schools

Reynoldsburg High School students who have the desire may obtain career training during their final two years of high school by attending the Eastland or Fairfield Career Centers. Those students who elect to attend the career center enjoy several advantages.

- The opportunity to participate in extracurricular activities at both Reynoldsburg High School and the Career Center they attend
- Graduation from RHS including participation in commencement as well as earning a certificate in a chosen field of training
- Assistance in finding employment. Eastland and Fairfield have a history of 95% job placement for graduating seniors
- An opportunity to expand career choices while at the same time maintaining relationships with Reynoldsburg High School

Eastland and Fairfield Career Centers and Satellites are an educational extension of Reynoldsburg High School. The Career Centers offer college preparatory and dual college credit academics in addition to nearly 40 career and technical programs designed to prepare students for college and a career. The Eastland-Fairfield Career and Technical School District provides programs at Eastland Career Center (ECC), Fairfield Career Center (FCC), and 5 satellite schools. Satellite programs are offered at Gahanna-Lincoln (GLHS), Groveport Madison (GMHS), New Albany (NAHS), Pickerington North (PNHS), and Reynoldsburg (RHS) High Schools.

Eastland-Fairfield programs prepare students for the future – whether planning to go to college or right into a career. In a career center program, students will learn skills hands-on, using industry standard procedures and tools. Opportunities to earn college credits and industry certifications are available. Many Eastland-Fairfield students participate in internships and apprenticeships as well. All students who successfully complete a career center program receive a career passport, which contains many valuable documents that will benefit them in their future career path in addition to the RHS diploma.

Career Center programs are explored during presentations in English class and opportunities to attend career-exploration based field trips during the fall of the tenth-grade year. Eastland-Fairfield career & Technical School District programs are open to all Reynoldsburg eleventh and twelfth grade students who demonstrate the ability and interest to attend and are accepted into a program. Students remain enrolled in and graduate from Reynoldsburg High School. Students are encouraged to continue participation in extracurricular activities at Reynoldsburg.

It is the policy of the Eastland/Fairfield Career and Technical Schools those activities, programs, and services are offered and conducted without regard to race, color, national origin, sex, religion, disability, age, or financial situation. Financial assistance may be awarded to students who are economically disadvantaged and qualify under federal and state guidelines.

**** If a student is taking courses with an Institution or Partner other than Reynoldsburg High School, they will adhere to that institution or partner's grading scale.**



Eastland-Fairfield Career & Technical Schools

EXPLORE THE POSSIBILITIES.

Eastland-Fairfield Career & Technical Schools offers nearly 40 programs for you to choose from while you're in high school. Their programs provide you with the opportunity to pursue your talents and interests, whether you're planning to pursue college or a real-world career. It's a head start that lets you explore your choices now...and can help you make the most of your choices after graduation.

Agricultural & Environmental Systems

- Animal Management (FCC)
- Environmental Science (New Albany High School)
- Landscape Design & Management (ECC)

Arts & Communication

- Graphic Design (ECC)
- Performing Arts
(Reynoldsburg H.S. - Livingston Campus)

Finance/Business & Administrative Services/Marketing

- Marketing & Logistics Management
(Groveport Madison High School)
- Medical Office Technologies (ECC)

Construction Technologies

- Architecture/Construction Management
(Gahanna Lincoln H.S. - Clark Hall)
- Construction Technologies (FCC)
- Electrical Technology (ECC)
- Heating, Ventilation, Air Conditioning & Refrigeration (FCC)

Education & Training

- Teaching Professions
(Gahanna Lincoln H.S. - Clark Hall)

Health Science

- Bioscience Technologies
(Gahanna Lincoln H.S. - Clark Hall)
- Dental Assisting (ECC & FCC)
- Exercise Science (FCC)
- Pharmacy Technician (FCC)
- Pre-Nursing (FCC)

Hospitality & Tourism

- Culinary Arts Academy (ECC)

Human Services

- Cosmetology (ECC & FCC)
- Employability Prep (Offsite)
- Nail Technician (FCC) (Senior Only)
- Project SEARCH (Offsite)

Information Technology

- Cyber Security (FCC)
- Interactive Media (ECC)
- Multimedia (Pickerington High School North)
- Programming & Software Development (ECC)

Law & Public Safety

- Criminal Justice (ECC & FCC)

Manufacturing Technologies

- Pre-Engineering Technologies (ECC)
- Welding (ECC)

Transportation Systems

- Ag/Heavy Equipment Technologies (ECC)
- Auto Technology (ECC & FCC)
- Collision Repair Technology (ECC)

Locations:

- (ECC)—Eastland Career Center, Groveport
- (FCC)—Fairfield Career Center, Carroll

OUR FOCUS. YOUR FUTURE.



www.eastland-fairfield.com

614-836-4530

EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS

Eastland-Fairfield Career & Technical School District programs are open to all eleventh and twelfth grade students within our district who demonstrate the ability and interest to attend.

Students remain enrolled in and still graduate from this school and are encouraged to continue participation in our high school extracurricular activities.

With programs on two campuses and five satellite locations, Eastland-Fairfield is closer than you think. Satellite programs are offered at Gahanna, Groveport Madison, New Albany, Pickerington North, and Reynoldsburg High Schools.

CONNECTING ACADEMICS TO REAL-WORLD SUCCESS

Eastland-Fairfield Career & Technical Schools allows students to immerse themselves in a career field or profession, spending a half-day with hands-on learning and gaining real-world experience. Classrooms and labs are equipped with the latest technology. Students learn from teachers who are seasoned professionals in their career field. Combine that with top-notch academics, and you have what employers call added value.

FAST TRACK TO A SATISFYING CAREER

The Eastland-Fairfield learning environment extends far beyond the classroom. Internships, job shadowing, community service, field trips, guest speakers, and cooperative education all provide valuable experience, connections, and practice in using technical and people skills.

JUMP START ON COLLEGE AND SAVING MONEY

Not only do Eastland-Fairfield programs prepare students for further study, but many also allow students to earn college credit or enter college with advanced standing. Students can earn college credits in selected programs, graduating with a college transcript that can be taken nearly anywhere!

PROGRAMS LOCATED AT REYNOLDSBURG HIGH SCHOOL LIVINGSTON CAMPUS

Performing Arts

Combine a love of the theatre and the desire for a successful performance career into a reality through the Performing Arts program located at Reynoldsburg High School. The state-of-the-art theatre and lab, including a dance studio, scene shop, dressing rooms, and a theatre library, set the stage for many impressive performances.

Students of the Performing Arts program have many opportunities to be involved in program productions and are also encouraged to participate in their home school performances.

Awards and Recognition

Distinguished Raider Scholar

RHS will recognize all graduating seniors with a 3.8 GPA at the end of the 7th semester of high school as a Distinguished Raider Scholar. Graduates are recognized with medallions worn at Commencement.

Honors Cords

- Blue Honors Cords are worn at Commencement by students who earned a Cumulative Weighted Grade Point Average of 3.50 – 3.99 during their high school career.
- Green Honors Cords are worn at Commencement by students who earned a Cumulative Weighted Grade Point Average of 3.00 – 3.49 during their high school career.
- White Honors Cords are worn at Commencement by any student with an overall weighted grade point average of **4.00 or above** after completing the final semester of their graduating year. These students will be designated as **valedictorians**.
- Red, White & Blue Cords will be given to those seniors who have enlisted in the military prior to Commencement. Official verification of enlistment is required to receive this award.
- Silver Honors Cords will be awarded to students who have earned a College Associates Degree during their high school career.
- Gold Cords must meet all National Honor Society criteria to earn this cord.

Other Honors Recognition

Honors Diploma, CCP credits earned and Capstone/Internship students will be awarded a gold seal specific to the honor on the diploma.

Presidential Award for Educational Excellence

The Presidential certificate is a **seniors-only** award. Senior eligibility is based upon the seventh semester overall grade point average. The criteria for earning this award include meeting the requirement in #1 plus either #2 or #3. Graduates are recognized with certificates given prior to Commencement.

1. Students are to earn a GPA of 90 on a 100-pt. scale (an A- on a letter scale or a 3.50 on a 4.00 scale) AND either
2. Standardized Achievement tests score of ACT/SAT score at the 85th percentile or higher in math or reading; OR
3. Recommendation from a teacher plus one other staff member to reflect outstanding achievement in one or more Academic areas reflecting the school's core curriculum. These recommendations must be supported by tangible evidence of the student's outstanding achievement. Some examples include teacher-made tests, portfolios, special projects, volunteer/community service, and demonstration of creativity.

President's Award for Educational Achievement

The Presidential certificate is a **seniors-only** award. The purpose of this award is to recognize students that show outstanding educational growth, improvement, commitment or intellectual development in

their academic subjects but do not meet the criteria for the President's Award for Educational Excellence. This award should not be compared to the President's Award for Educational Excellence or be seen as a second-tier award, for it recognizes a very different type of academic achievement. It is meant to encourage and reward students who work hard and give their best effort in school, often in the face of special obstacles to their learning.

This award is given at the principal's discretion based on the criteria developed at the school. The criteria should reflect the purpose of the award and must be applied fairly to all students. The following are examples of criteria for which the President's Award for Educational Achievement may be presented:

- Show tremendous growth but did not meet all the criteria for the President's Award for Educational Excellence.
- Demonstrate unusual commitment to learning in academics despite various obstacles.
- Maintain a school record that would have met the school's selection criteria for the President's Award for Educational Excellence but illness, personal crisis, or special needs prevented the student from maintaining such high standards despite hard work.
- Achieve high scores or show outstanding growth, improvement, commitment or intellectual development in particular subjects, such as English, math, science, etc.
- Demonstrate achievement in the arts such as music or theater.



General Course Information

Course Categories

In compliance with Final Title IX Regulation Implementing Education Amendments of Prohibiting Sex Discrimination in Education, effective date: July 22, 1975, please be advised that Reynoldsburg High School does not provide any courses or otherwise carry out any of its education programs or activities separately on the basis of sex. We neither require nor refuse participation in any of our classes on such basis and this includes health, physical education, business education, work and family studies, and music.

Course Type	Intended For	Considerations	Course Registration	Academic Content
Enriched Coursework	Students who desire enrichment opportunities in preparation for Advanced Placement or college coursework			Ohio's Academic Content Standards are enriched with rigorous content and higher-level thinking skills to prepare students for success with AP and college coursework
College Credit Plus Dual Enrollment	Students taking coursework at the college level and offered in conjunction with agreements the high school maintains with area colleges or universities.	<p>Students receive credit for successful completion of the course, as well as receiving credit at the college or university.</p> <p>This is a good way to demonstrate the student's abilities to handle college-level coursework when applying to college or universities.</p> <p>This is advanced-level coursework and will require the student to be self-motivated and organized beyond the typical high school expectations.</p>	<p>These courses can fill up quickly, and seats are limited because of the limited number of faculty and courses available.</p> <p>The student must be accepted into the course at the college/university level.</p>	Look for courses in the Program of Studies that specifically include or mention a college or university College Credit Plus partnership.

Early College	Students who score College and Career Ready based on Accuplacer or ACT test results.	Students receive credit from the high school for successful completion of the course, with a "C or better", as well as receiving credit at the college level.	Students will complete the online admission process for Columbus State Community College and/or Central Ohio Technical College prior to beginning their sophomore year.	All curriculum is delivered at a college level with college expectations, without exception.
Advance Placement Coursework	Students who desire to earn possible dual high school and college credit.	College credit is awarded individual by the institution and requires a successful score on AP exams in each content area. Advanced Placement Exam is recommended. Students must declare intent to take AP exam by December 1. The AP Exam costs approx. \$93. AP course grades are weighted in the calculation of the GPA each grading period if students complete the AP exam.	Students apply during registration process. Students must successfully complete prerequisite coursework.	Advanced Placement Exam content as recommended by the College Board.
Career Center	Students who have visited Eastland or Fairfield Career Centers and found a program in which they would like to enroll.	Depending on the program, students will be prepared to enter a four-year or two-year college program or the workforce.	Application of file with school counselor. Registration based on program acceptance.	Program descriptions found in published material from the career centers.
Online	Students taking coursework that is offered in conjunction with agreements the high school maintain with area providers	Students receive credit for the high school for successful complete of the course	Seats may be limited and determined on a yearly basis.	Program description found by contacting the area provider.
Credit Flex	Students who are prepared physically and mentally for challenges and learning experiences outside the high school environment.	Trips, club sports, hobbies, and other types of life experiences can qualify as credit flex, providing credits to the student's transcript.	Application and approval for credit is necessary. The approval must come prior to the experiences or credit flex opportunity.	This can vary greatly, but often involves credit for courses that are not core academically, such as physical education, health, foreign language, etc.

Dropping a Course

Students may opt to drop a course at no penalty to their grade under the following conditions:

- The course is dropped within 10 days of the class.
- There is another course for a student to enter. Students who drop a course after the first 10 days of the class must Withdraw Fail (WF). A grade of WF will be listed on the official transcript with a 0.0 grade attached.
- Please note, WF negatively impacts GPA.



Course Offerings

English Language Arts

LA211 English 9

LA211E English 9 Enriched

Course Number: 050160

Grade Level: 9

Length/Credit: 1 year - 1.0 credit

This course will use a variety of literature and reading strategies that bring to life ideas about common patterns of human experience throughout time. Students in this course will collaborate, discuss, research, write and present orally. Additionally, dramatic inquiry strategies will be used throughout reading and analysis processes of various texts.

Students selecting LA211E will take a weighted assessment in order to earn the enriched credit. Students selecting LA211 will take a non-weighted assessment to earn the general credit.

LA221E English 10

LA221E English 10 Enriched

Course Number: 050170

Grade Level: 10

Length/Credit: 1 year - 1.0 credit

Prerequisite: English 9

English 10 requires reading and writing on a daily basis. Students develop reading, writing, speaking and listening skills while studying fiction, non-fiction, poetry and drama. Writing assignments will include informal journaling, letter writing, and developing narrative, persuasive, informational and research-based papers. Students will work to improve their vocabulary, grammar, sentence structure and style in writing throughout the year.

Students selecting LA221E will take a weighted assessment in order to earn the enriched credit. Students selecting LA221 will take a non-weighted assessment to earn the general credit.

LA231 English 11

LA231E English 11 Enriched

Course Number: 050170

Grade Level: 11

Length/Credit: 1 year - 1.0 credit

Prerequisite: English 10

English 11 focuses on non-fiction and fiction depicting the cultural values, beliefs and behavior of 20th century global citizens. Students focus on the writing, research, speaking, and discussion necessary for success in life. Reading skills focus on increased understanding as reading moves from simple to

complex. Nonfiction will also be incorporated into the class often, especially as related to primary sources and a choice book.

Students selecting LA231E will take a weighted assessment in order to earn the enriched credit. Students selecting LA231 will take a non-weighted assessment to earn the general credit.

LA252 English 12

LA252E English 12 Enriched

Course Number: 050160

Grade Level: 12

Length/Credit: 1 Semester or 1 year .05 credit to 1.0 credit

Prerequisite: English 11

English 12 focuses on increased understanding as reading moves from simple to complex. An emphasis is placed on argumentative writing and supporting an opinion with strong examples for different purposes of writing and speaking. Students will also practice writing resumes, cover letters, and college essays. Research skills practiced in the third year will continue to be important, culminating in a 3-5-page research paper and presentation in the 4th quarter.

Students selecting LA252E will take a weighted assessment in order to earn the enriched credit. Students selecting LA252 will take a non-weighted assessment to earn the general credit.

LA250 Contemporary Texts and Composition

Course Number: 050400

Grade Level: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: English 10

This course focuses on the study of contemporary texts and requires extensive reading and writing. Students develop their critical reading and writing skills while studying audience, purpose, content, structure and style of various pieces. Students also participate in weekly writing workshops to develop verbal public communication and debate skills.

LA268 Technical Writing & Communications

Course Number: 059999

Grade Level: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: English 10

Technical Writing & Communications examines new opportunities for covering science using technology with the skills required to produce clear and understandable writing about technical subjects, important ethical and practical constraints that govern the reporting of scientific information, and the cultural place of science in our society. The class features several written assignments and discussion of readings from various media. The final grade for the course is based upon a portfolio of writings including, but not limited to, a review of online sources, news briefs, interviews with scientific and technical professionals, scientific posters and laboratory reports.

LA275 Introduction to Public Speaking**Course Number: 050500****Grade Level: 10, 11, 12****Length/Credit: 1 semester - .5 credit**

This course covers subject matter and experiences in speech. Students will learn and demonstrate strategies for writing and delivering speeches and other oral presentations. Students will prepare speeches for a variety of purposes and audiences and discuss foundational aspects of public speaking, such as voice control, rhetorical argument, and oral interpretation.

FA040 Creative Writing**Course Number: 059999****Grade Level: 10, 11, 12****Length/Credit: 1 semester - .5 credit**

Students learn new strategies for creative writing and perfect their writing conventions and processes to better express feelings through poetry, prose, and narrative writing. Students write personal narratives based on their own experience and short fiction drawn from their imaginations. Opportunities may also be provided for writing poetry.

ENGL106 African & African American Literature Enriched**Course Number: 050300****Grade: 11, 12****Length/Credit: 1 year - 1.0 credit**

In this course we will examine both fiction and non-fiction works from the time of creation to present. Through literature we will: Read and analyze pieces that give us insight on traditional African culture, investigate the Transatlantic Slave Trade, rediscover the Black experience in America during slavery, the Jim Crow south, and the Civil Rights Movement and evaluate current events and examine the future of America as it relates to people of African descent

ENGL107 African & African American Literature II Enriched**Course Number: 050300****Grade: 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: ENGL106 African & African American Literature Enriched**

This course is a continuation of African American Literature Enriched.

COMM101 Mass and Social Media**Course Number: 050545****Grade Level: 11, 12****Length/Credit: 1 semester - .5 credit**

This course is an introduction mass media, and social media. Students will study the development of communication, and the progression into today's methods, and procedures. Students will experience utilizing mass and social media to enhance the Language Arts standards and curriculum, and prepare for future studies at the collegiate level.

COMM102 Media Broadcasting**Course Number: 050545****Grade Level: 11, 12****Length/Credit: 1 semester - .5 credit**

Students will study the history and progression of broadcast media, and will learn the modern strategies and theories in the field. This class will be a hands-on implementation of various English/Language Arts standards, and will include producing video media content, and broadcast news programs.

Advanced Placement**LA237 Advanced Placement Literature and Composition****Course Number: 059930****Grade Level: 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: English 9 and 10**

AP Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the way's writers use language to provide both meaning and pleasure for their readers. Writing assignments aim to increase students' ability to explain clearly and elegantly what they understand about literary works and why they interpret them as they do.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

LA 239 Advanced Placement Language and Composition**Course Number: 059930****Grade Level: 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: English 9 and 10**

AP Language and Composition engages students in becoming skilled readers in a variety of periods, disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Through the close reading of selected texts, students examine the interaction among speaker, audience, and message and analyze how and why authors craft a text in a certain way. A focus on argumentative writing improves students essay organization and use of strong supporting ideas. Vocabulary and class discussion are also vital parts of this course.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

Extension Courses

EXRA Reading Acceleration

Course Number: 050500

Length/Credit: 1 semester - .5 credit

Grade: Pass/Fail

This course is designed for students that are demonstrating mastery in their English course and need additional curriculum to challenge them outside of their normal class time.

EXAW Writing Acceleration

Course Number: 050500

Length/Credit: 1 semester - .5 credit

Grade: Pass/Fail

This course is designed for students that are demonstrating mastery in their English course and need additional curriculum to challenge them outside of their normal class time.

EXRR Reading Plus

Course Number: 050014

Length/Credit: 1 semester - .5 credit

Grade: Pass/Fail

This course is designed for students that are not demonstrating mastery in their English course and need additional curriculum to help them close the achievement gap between them and their peers.

EXRW Writing Plus

Course Number: 050500

Length/Credit: 1 semester - .5 credit

Grade: Pass/Fail

This course is designed for students that are not demonstrating mastery in their English course and need additional curriculum to help them close the achievement gap between them and their peers.

TESOL- English as a Second Language I (ESL)

TESOL- English as a Second Language II (ESL)

Course Number: 051905

Length/Credit: 1 year - 1.0 credit

Grade: Pass/Fail

This course is designed for individuals whose primary language is not English. The study of the English Language and culture leading to the ability to function in everyday situations as well as in academic setting, with a special emphasis on Ohio's English Language Arts Academic Content Standards.

Fine Arts

FA001 Music Theory

Course Number: 120300

Grade Level: 11, 12

Length/Credit: 1 semester - .5 credit

Prerequisite: Teacher recommendation

Music Theory is a course designed for the student who is planning a career in music or the student who just wishes to dig a little deeper into the fundamentals of music. This semester course will build on basic music knowledge, and will also include music composition. This course is open to juniors and seniors who are in the school band, choir, or orchestra programs, or other upper classmen with permission of the instructor.

FA30 Fundamentals of Dramatic Inquiry

Course Number: 050600

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Students will explore Shakespeare's works through dramatic inquiry. Students will be asked to participate in performances and activities that allow them to act out scenes from famous plays.

FA038 History of Rock & Roll

Course Number: 120800

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course examines the history of rock and roll, primarily as it unfolded in the United States from the early days before rock (pre-1950's) to now. Large emphasis will be placed on the historical and social context connected to the emerging styles of rock and roll. Students will also learn about specific artists, such as Elvis Presley, Chuck Berry, Bob Dylan, The Beatles, Jimi Hendrix and the Rolling Stones, who defined rock and roll through listening, video clips, reading and discussion.

FA075 Women's Chorus

Course Number: 120400

Grade Level: 10, 11, 12

Length/Credit: 1 year - 1.0 credit

Fee: \$40

This all-female group consists of students in grades 10, 11, and 12 and performs a variety of choral literatures written specifically for women's voices. The Women's Chorus presents three concerts a year as well as other school and community performances upon request. In addition, the choir may participate in large group contests—District and State. Participation in all performances is mandatory. Some after school rehearsals are required. Apparel expenses are involved.

FA076 Men's Chorus**Course Number: 120400****Grade Level: 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Fee: \$40**

This all-male group consists of in grades 10, 11, and 12 and performs a variety of choral literatures written specifically for men's voices. The Men's Chorus presents three concerts a year as well as other school and community performances upon request. In addition, the choir may participate in large group contests—District and State. Participation in all performances is mandatory. Some after school rehearsals are required. Apparel expenses are involved.

FA079 Chamber Singers**Course Number: 120400****Grade Level: 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Fee: \$40**

This is a select group of vocal music students who are interested in a variety of musical styles and simple choreography. The Chamber Singers perform most often outside of the school at social or charity functions as entertainment. The group may also participate in solo and ensemble contest as well as large group contests—District and State. Participation in all performances is mandatory. Participation in Concert Choir, Women's Chorus, or Men's Chorus is mandatory (schedule permitting). Some after school rehearsals are required. Apparel expenses are involved.

FA084 Hand Bell Choir**Course Number: 120500****Grade: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Fee: \$40**

This is a select group of students who are interested in hand bells. The Hand Bell Choir performs most often outside of the school at social or charity functions as entertainment. Some after school rehearsals are required. Apparel expenses may be involved.

FA085 Symphonic Band**Course Number: 120500****Grade Level: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Fee: \$40****Prerequisite: Junior High band or equivalent and permission of director**

The Reynoldsburg High School Symphonic Band studies and performs OMEA Class C-B (Grade 3-3 1/2) wind band literature. Repertoire includes a variety of compositions composed or arranged for the intermediate high school wind band. Performances include three yearly concerts, OMEA Large Group Contest, and OMEA Solo and Ensemble Contest at the discretion of the director. Attendance at all performances and rehearsals is mandatory. This ensemble is best suited for the developing musician who wants to improve on basic band concepts.

FA087 Wind Symphony**Course Number: 120500****Grade Level: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Fee: \$40****Prerequisite: Junior High band or equivalent and permission of director**

The Reynoldsburg High School Wind Symphony studies and performs OMEA Class A-AA (Grade 4-5). Repertoire includes a variety of compositions composed or arranged for the advanced high school or college wind band. Performances include three yearly concerts, OMEA Large Group Contest, and OMEA Solo and Ensemble at the discretion of the director. Attendance at all performances and rehearsals is mandatory. This ensemble is best suited for the advanced musician who wants to be challenged and reach their highest potential. Private instruction is strongly recommended.

FA089 Marching Band**Course Number: 120500****Grade Level: 9, 10, 11, 12****Length/Credit: 1 semester - .5 credit****Fee: \$80****Prerequisite: Junior High band or equivalent**

The Reynoldsburg Raider Marching Pride is one of the premier marching ensembles in the state of Ohio. Performances include parades, football games and competitions. The marching band travels to many destinations throughout the season and is the most visible of the high school ensembles.

FA093 Prelude Orchestra**Course Number: 120500****Grade Level: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Instrument required; other as listed in the Orchestra handbook****Fee: \$40****Prerequisite: Audition or permission of the director**

The Prelude Orchestra consists of students who play the violin, viola, cello, or bass. Students learn and perform music from the Renaissance to Modern periods of music. This group will play literature in the OMEA Class B or C categories. Required after-school rehearsals are part of the curriculum. Participation in all performances (including OMEA State Orchestra Adjudicated Event and tour to the elementary schools) is mandatory. Solo and Ensemble adjudicated events are available to members of this group. Private instruction is strongly recommended.

FA095 Concert Orchestra**Course Number: 120500****Grade Level: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Instrument required; other as listed in the Orchestra handbook****Fee: \$40****Prerequisite: Audition or permission of the director**

The Prelude Orchestra consists of students who play the violin, viola, cello, or bass. Students learn and perform music from the Renaissance to Modern periods of music. This group will play literature in the OMEA Class B or C categories. Required after-school rehearsals are part of the curriculum. Participation in all performances (including OMEA State Orchestra Adjudicated Event and tour to the elementary schools) is mandatory. Solo and Ensemble adjudicated events are available to members of this group. Private instruction is strongly recommended.



FA103 Fab Lab I

Course Number: 029999

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course will explore the different machines used in the Fabrication Lab. Students will master how to use each machine and assist classes using the Fab Lab.

FA103 Fab Lab II

Course Number: 029999

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Prerequisite: Fab Lab I

This course focuses on learning the Fab Lab's various machines for carrying out community orders. Students will learn how to operate the lab's machines and software, gain experience in an entrepreneur-type setting, and complete orders requiring creating thinking, problem solving, collaboration, drive, and high-quality craftsmanship. Student progress will be evaluated through the 21st Century Art Skills, and the course will count as a visual arts elective. Senior interns would also be in the lab at this time to fulfill their internship requirements.

FA111 Business of Arts and Communication

Course Number: 340006

Grade Level: 10, 11, 12

Length/Credit: 1 semester - .5 credit

From event management to tracking expenses, students learn the business side of visual, media and performing arts. Students learn and apply intellectual property rights, licensing, copyright, royalties, liabilities and contractual agreements to both profit and non-profit companies. Topics include marketing, branding, producing, promoting, booking, budgeting and merchandising.

FA114 Musical Engineering

Course Number: 340006

Grade Level: 10, 11, 12

Length/Credit: 1 semester - .5 credit

Students put music theory and basic music skill into practice as they engineer sound for live and recorded production. They create, capture, edit, mix and synchronize music into audio and video tracks of various formats. Topics include acoustics, reflection, absorption of sound and reverberation. Students create products based on research of audience sensitivity and in compliance with laws related to intellectual property and competition.

FA120 Yearbook

Course Number: 340120

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Students will learn various aspects of the publication process such as page layout design, copy writing, editing, while producing a creative, innovative yearbook. Quality pictures are a skill that will be learned throughout this course. Real world skills such as time management and teamwork will be enhanced throughout this course. Students are expected to work on the yearbook staff for both semesters.

Special Note: Yearbook requires in and out of class work. You must attend assigned school activities and spend extended periods of time finalizing deadlines. It is your duty as yearbook staff to cover all events of the school year.

FA121 Becoming a Recording Artist

Course Number: 050600

Grade Level: 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course teaches the basic principles of singing and prepares the beginning student for solo and ensemble performances. Students will promote and practice vocal health, better the student's aural

skills and harmony by ear, and instruct correct posture, breathing, and vowel shaping. Vocal repertoire will include pop, rock, R&B, Broadway, classical, and everything in between.

FA122 Behind the Scenes

Course Number: 050600

Grade Level: 10, 11, 12

Length/Credit: 1 semester - .5 credit

Students will explore all opportunities behind the scenes of any production or concert style event. Basic theatre vocabulary will be taught and implemented during class time. Students explore each of the following jobs: producer, director, technician, choreographer, stage manager, stage support, theatre manager, public relations director, and costume designer.

FA123 Fundamentals of Acting I

Course Number: 050600

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

The study of performance skills will be implemented in this course. The students will explore stage movement, scene study, role analysis and much more. The students will discover practices of improvisational acting and how to prepare for professional auditions. Scripts will be studied from all time frames, old and new.

FA124 Musical Theatre

Course Number: 050600

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course offering will be intermixed with material from both "Becoming a Recording Artist" and "Fundamentals of Acting." The students will explore in stage movement, scene study, role analysis and preparation for professional auditions.

FA125 Fundamentals of Acting II

Course Number: 050600

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Prerequisite: Successful completion of Fundamentals of Acting I

This course is designed for advanced actors and actresses. Performers will showcase their skills throughout the school year. The students will explore advanced stage movement, scene study, role analysis, and the ability to listen and appropriately react during a scene. Students are expected to fully memorize and perform multiple pieces throughout the course.



FA1101 Art I

Course Number: 020012

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Students will integrate the characteristics of the tools of a selected media in original artworks to support artistic purposes. Students will use drawing techniques, hierarchy, proportion and overlapping to create depth in artwork. Students analyze how art principles are combined to communicate meaning in the creation, presentation or response to visual art.

FA1102 Art II

Course Number: 020012

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Prerequisite: Art I or related course

Students explore the importance of color schemes, tints, tones, shades, and how to create value and intensity when using color. Students will create from observation and imagination, emphasizing the subject of their artwork and making it aesthetically pleasing to the viewer. Students use various painting techniques to suggest value, depth and implied texture.

FA1103 Art III

Course Number: 029902

Grade Level: 10, 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Art II

Students learn to apply the principals and elements of art to 3-dimensional forms through exploration of various sculptural techniques. Students analyze how the principles are combined to communicate meaning in the creation, presentation, or response to visual artworks. Students will explore career opportunities in the arts fields via various research projects.

FA1103 Art IV

Course Number: 029902

Grade Level: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Art III

In this course students interested in a rigorous and focused study in art will develop a portfolio demonstrating mastery of concept, quality, concentration and breadth. This portfolio can be submitted to colleges for entrance and scholarship opportunities.

FA118 Advanced Art-Painting

Course Number: 020250

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

This class will explore a variety of painting experiences. Acrylic, tempera and water colors will be used. You will create both personal paintings and large group paintings for RHS. Solid drawing skills are necessary along with an interest in exploring paint as an artistic medium.

FA001CO Advanced Art-Drawing

Course Number: 020250

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

In this class you will work to further the drawing skills that were developed in the Art Foundations class. You will have the opportunity to work with still life, landscapes, animal portraits and people portraits. You will also work to develop your own personal expressions using a variety of drawing medium.

FA005 Art History

Course Number: 020101

Grade: 11, 12

Length/Credit: 1 semester - .5 credit

Students are given the opportunity to create their own history timeline, study the eras of art style online and explore the artist icons of that period. The course will include historical, social, and cultural contexts, creative expression and communication, analyzing and responding, valuing arts/aesthetic reflection.

ART106 Art and Advocacy

Course Number: 020101

Grade: 11, 12

Length/Credit: 1 year - 2 credits

Students will create artwork to help raise awareness and possible funds for current Non-profits in Reynoldsburg and surrounding areas. Projects may include Empty Bowls Project, Hearts for Breast Cancer Awareness, Awareness projects at Reyn Middle Schools, Herbs for Pay it Forward at Boline Apothecary.



Mathematics

MA512 Integrated Math I

MA512E Integrated Math I Enriched

Course Number: 110010

Grade Level: 9

Length/Credit: 1 year - 1.0 credit

Graphing calculator (TI-84) required

In Integrated Math I, students will deal with the understanding of algebra, recognizing the techniques of algebra in dealing with these basic structures, developing the abilities to apply the learned concepts and skills and developing deductive reasoning skills in students. Topics to be covered include: the relationships between quantities, linear and exponential relationships, reasoning with equations (linear and exponential), descriptive statistics, connecting algebra and geometry with coordinates, rigid motions, and geometric properties.

Students selecting MA512E will take a weighted assessment in order to earn the enriched credit. Students selecting MA512 will take a non-weighted assessment to earn the general credit.

MA531 Integrated Math II

MA531E Integrated Math II Enriched

Course Number: 110020

Grade Level: 10

Length/Credit: 1 year - 1.0 credit

Prerequisite: Integrated Math I

Graphing calculator (TI-84) required

Integrated Math II is the second course in the Integrated High School Core Mathematics Program. This course will pick up where Integrated Math I left off. Students will study more coordinate geometry, the quadratic behavior of functions, geometric similarity, conic sections, circles and geometric probability. Students will continue to develop their deductive reasoning skills as they study specific topics throughout the course. Upon successful completion of this course, students should consider enrolling in Integrated Math III.

Students selecting MA531E will take a weighted assessment in order to earn the enriched credit. Students selecting MA531 will take a non-weighted assessment to earn the general credit.

MA531 Integrated Math III

MA531E Integrated Math III

Course Number: 110030

Grade Level: 11

Length/Credit: 1 year - 1.0 credit

Prerequisite: Integrated Math II

Graphing calculator (TI-84) required

This is the third course in the Integrated High School Core Mathematics Program. Students will be studying geometric measurement and dimension, an in depth look at exponential functions,

trigonometric ratios and functions, functions (in general), rational and polynomial expressions/functions, and statistics (random processes).

Students selecting MA531E will take a weighted assessment in order to earn the enriched credit. Students selecting MA531 will take a non-weighted assessment to earn the general credit.

MA511 Algebra I

MA511E Algebra I Enriched

Course Number: 110301

Grade Level: 9

Length/Credit: 1 year - 1.0 credit

Graphing calculator (TI-84) required

In Algebra I, students are taught to generalize what they know, make predictions from their generalizations, and broaden their generalizations to describe new, more complex relationships. Using variables, expressions, equations, inequalities, and graphs, students learn to recognize increasingly complex patterns, construct mathematical models for describing and analyzing the world, and use those models to solve problems.

Students selecting MA511E will take a weighted assessment in order to earn the enriched credit. Students selecting MA511 will take a non-weighted assessment to earn the general credit.

MA521 Geometry

MA521E Geometry Enriched

Course Number: 111200

Grade Level: 10

Length/Credit: 1 year - 1.0 credit

Graphing calculator (TI-84) required

Prerequisite: Algebra I or Integrated Math I

This course emphasizes abstract concepts and logical thinking through inductive and deductive reasoning. Students explore how lines, planes, polygons, circles, spheres and other three-dimensional figures can be used to represent and solve a variety of abstract and real-world problems. Students use tools — from the basic, such as straightedges, compasses, and protractors, to the sophisticated, such as The Geometer's Sketchpad and graphing calculators — to solve problems and learn.

Students selecting MA521E will take a weighted assessment in order to earn the enriched credit. Students selecting MA521 will take a non-weighted assessment to earn the general credit.

MA535 Algebra III Trigonometry

MA535E Algebra III Trigonometry Enriched

Course Number: 111600

Grade Level: 11

Length/Credit: 1 year - 1.0 credit

Prerequisite: Algebra II or Integrated Math II

Graphing calculator (TI-84) required

Algebra 3 Trigonometry is a college preparatory course. This course analyzes previously studied topics in Algebra 2 and introduces more in-depth Trigonometry. Topics also included: logic, relations, functions, basic set theory, counting arguments, proof techniques, mathematical induction, graph theory, probability, and number theory.

Students selecting MA535E will take a weighted assessment in order to earn the enriched credit. Students selecting MA535 will take a non-weighted assessment to earn the general credit.

MA541 Pre-Calculus

MA541E Pre-Calculus Enriched

Course Number: 110600

Grade Level: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Algebra II and Geometry or Integrated Math II

Graphing calculator (TI-84) required

This course is intended for math students with a strong desire to successfully complete Advanced Placement Calculus. This course covers topics in Algebra ranging from polynomial, rational, and exponential functions to conic sections. Strong emphasis is placed on problem solving using both algebraic and geometric representations, and Trigonometry concepts such as Law of Sines and Cosines are introduced. Students begin analytic geometry and calculus concepts such as limits, derivatives, and integrals.

Students selecting MA535E will take a weighted assessment in order to earn the enriched credit. Students selecting MA535 will take a non-weighted assessment to earn the general credit.

MA551 Discrete Mathematics

Course Number: 111300

Grade Level: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Pre-Calculus

Graphing calculator (TI-84) required

This course analyzes previously studied topics in Pre-Calculus and introduces calculus through the study of limits, derivatives, integration and analytic geometry.

MA552 Modeling and Quantitative Reasoning

Course Number: 111350

Grades: 11-12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Algebra 2 or its equivalent

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. Quantitative reasoning and modeling involve the application of mathematics to real-world situations, with careful attention to the choice of units and contextual challenges. Problem-solving requires analyzing an unfamiliar situation and devising a solution strategy. Problem-solving and modeling together provide opportunities for students to

experience success with mathematics, not merely improve their self-perception. These habits and skills promote perseverance and cut across disciplines, thus providing a gateway into successful postsecondary education and a variety of careers.

MA565 Statistics

Course Number: 119550

Length/Credit: 1 year - 1.0 credit

Grades: 11, 12

Prerequisite: Algebra III, Integrated Math III or Pre-Calculus

Graphing calculator (TI-84) required

Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

Advanced Algebra with Financial Applications

Advanced Algebra with Financial Applications Enriched

Course number:

Length/Credit: 1 semester - .5 credit

This course analyzes and extends previously studied topics in Algebra 2 and introduces financial applications for those topics. Topics included are relations, equations, functions, systems of equations, graph theory, statistics, basic set theory, probability, and number theory. Each topic is extended to its relationship with financial algebra.

Students selecting the enriched track will take a weighted assessment in order to earn the enriched credit. Students selecting the college prep track will take a non-weighted assessment to earn the general credit.

Advanced Placement Courses

MA561 Advanced Placement Calculus AB

Course Number: 119930

Grade: 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Pre-Calculus

Graphing calculator (TI-84) required

In AP Calculus AB, students explore new properties of linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric and piecewise-defined functions. Unifying themes will be used to deepen the student's understanding of these functions through analysis, limits, derivatives, integrals, approximation and modeling. Students apply these concepts to real-world problems involving rates of change, optimization, accumulation, area and volume.

MA566 AP Statistics

Course Number: 119550

Length/Credit: 1 year - 1.0 credit

Prerequisite: Algebra III or Integrated Math III
Graphing calculator (TI-84) required

AP Stats is a rigorous course in probability and statistics. Students are exposed to four broad conceptual themes: exploring data by observing patterns and departure from patterns, planning a study by deciding what variables to measure and how to measure them, anticipating patterns by producing models, and statistical inference. Students will use these conceptual themes to collect, analyze and draw conclusions from data. The use of technology is expected and students must be able to use a wide variety of technological formats.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

MA567 AP Calculus BC
Course Number: 119960
Length/Credit: 1 year - 1.0 credit
Prerequisite: AP Calculus AB
Graphing calculator (TI-84) required

AP Calculus BC provides a deeper understanding of the fundamental concepts and methods of single-variable calculus developed in AP Calculus AB. There is a continued emphasis on calculus applications and techniques, with the use of multiple representations including graphic, numeric, analytic, algebraic, and verbal and written responses. Technology is an integral part of the course and includes the use of graphing calculators, computers, and data analysis software.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

Extension Courses

EXAM Math Acceleration
Length/Credit: 1 semester - .5 credit
Course Number: 050014
Grade: Pass/Fail

This course is designed for students that are demonstrating mastery in their Math course and need additional curriculum to challenge them outside of their normal class time.

EXRM Math Plus
Length/Credit: 1 semester - .5 credit
Course Number: 050014
Grade: Pass/Fail

This course is designed for students that are not demonstrating mastery in their Math course and need additional curriculum to help them close the achievement gap between them and their peers.

SC203 WeatherSTEM

Course Number: 139997

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course is designed for students to use a WeatherSTEM weather station to learn how to predict weather. This is a data driven course where students will have to utilize numbers produced by the weather station and interpret them into weather patterns. Students will be responsible for running a website that will give current and future forecasts to the community. Students will also learn how weather impacts ecosystems and travel around the world.

SC302 Advanced Career Clean Energy Systems

Course Number:

Grade: 10, 11, 12

Length/Credit: 1 year - 1.0 credit

This course exposes students to three sources of renewable energy: wind, solar and biofuels. Working with solar, thermal, chemical and mechanical sources of clean energy teaches students how to apply physics, geography, chemistry, biology, geometry, algebra and engineering fundamentals. Students learn the most efficient and appropriate use of energy production as they explore the relevant relationships among work, power and energy. Students engage in a wide variety of hands-on projects and lab activities that both test their knowledge and illustrate the interrelationships between the various forms of clean energy.

SC611 Physical Science

SC611EN Physical Science Enriched

Course Number: 132220

Grade: 9, 10

Length/Credit: 1 year - 1.0 credit

Physical science is the systematic study of the physical world as it relates to matter, energy, and motion. This three-unit course will give students a unified understanding of our physical world through inquiry-based laboratory experiences, historical perspectives, and mathematical reasoning. Students then explore all possible outcomes, benefits and drawbacks to technology and other scientific advances and make decisions as to the ethics of the issues considering all sides and available research.

Students selecting SC611E will take a weighted assessment in order to earn the enriched credit.

Students selecting SC611 will take a non-weighted assessment to earn the general credit.

SC621Biology

SC621E Biology Enriched

Grade: 9, 10

Course Number: 132230

Length/Credit: 1 year - 1.0 credit

This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of cell biology, heredity and evolution provide a framework through inquiry-based instruction to explore the living world. Students will engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning and real-world application. The curriculum will combine a hands-on laboratory approach with an emphasis on student inquiry.

Students selecting SC621E will take a weighted assessment in order to earn the enriched credit. Students selecting SC621 will take a non-weighted assessment to earn the general credit.

SC631 Chemistry

SC631E Chemistry (Enriched)

Course Number: 132301

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Concurrent enrollment or completion of Algebra II

This course explores the principles of chemistry with emphasis on matter and measurement, states of matter, atomic structure, chemical periodicity, chemical bonding, chemical reactions, stoichiometry, energy of reactions, aqueous solutions, and properties of gases. Student laboratory investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

Students selecting SC631EN will take a weighted assessment in order to earn the enriched credit. Students selecting SC631 will take a non-weighted assessment to earn the general credit.

SC202 Chemistry II

Course Number: 132326

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

This course will focus on applications of Chemistry in foods, drugs, and cosmetics. Topics to be covered: Acids/Bases, Equilibrium, Kinetics, Organic Chemistry and Biochemistry. The course will incorporate topics from Chemistry and concentrate on the laboratory/investigative aspects of Chemistry. Students will apply authentic research skills, and develop presentation and communication skills.

SC635 Anatomy and Physiology

Course Number: 139997

Grade: 10, 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Biology

Anatomy and Physiology is a laboratory-based study of the human body. This study includes molecules, cells, body systems, and processes. Students also explore the delicate web of interaction among body systems, the importance of maintaining homeostatic balance within this web, and the medical implications of disturbing this balance.

SC636 Forensic Science**Course Number: 139997****Grade: 11, 12****Length/Credit: 1 semester - .5 credit****Prerequisite: Biology**

This course explores the areas of science that are relevant to the law. It involves gathering scientific evidence proving that a crime has occurred and by whom. Students gather this evidence by performing laboratory activities and learning about various forensic examinations like pathology, entomology and anthropology.

SC637 Zoology**Course Number: 139997****Grade: 10, 11, 12****Length/Credit: 1 semester - .5 credit**

This course takes an in-depth look at most of the phyla of the animal kingdom. Dissections and animal observations (both living and preserved) will take students through a lab-based approach in learning about how each organism lives. Some examples would be squid, fish, mussel, crayfish, and frog dissections, as well as chicken, owl pellet, butterfly, worm, and planaria observations.

SC643 Environmental Science**Course Number: 132350****Grade: 10, 11, 12****Length/Credit: 1 year - 1.0 credit**

This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of cell biology, heredity and evolution provide a framework through inquiry-based instruction to explore the living world. Students will engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning and real-world application.

SC638 Nutrition and Wellness**Course Number: 139997****Grade: 9, 10, 11, 12****Length/Credit: 1 semester - .5 credit**

Nutrition and Wellness is a course designed to help students develop eating behaviors that will have a positive effect on their current and future lifestyles. The food and physical activity choices teens make today affect their health – how they feel today, tomorrow, and in the future (US Department of Health, 2005). Nutrition and wellness education play a leading role in helping teens to live healthy lifestyles. Through health promotion teens are able to learn and understand the steps that need to be taken in order to live a healthy life. In the busy lives that today's teens live food choices and exercise are critical components to their healthcare. Healthcare experts have proven that eating healthy and exercising properly help individuals live longer, healthier lives. By providing educational classes in these areas, students are able to receive the proper knowledge and information in order to live healthy.

SC644 Physics**SC644E Physics Enriched****Course Number: 132350****Grade: 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: Concurrent enrollment or completion of Pre-Calculus**

This course is geared toward the more technical and mathematical aspects of physics and is intended for college-bound students planning on a major in any medical, engineering, computer, or math related career. This laboratory course focuses on concepts and principles of motion, forces and energy as they relate to increasingly complex systems of technology. Students engage in investigations to understand and explain motion, forces and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

Students selecting SC644E will take a weighted assessment in order to earn the enriched credit.

Students selecting SC644 will take a non-weighted assessment to earn the general credit.

Advanced Placement Courses**SC625 Advanced Placement Biology****Course Number: 132230****Grade: 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: Biology, Chemistry**

Advanced Placement Biology is a first-year college-level course in biology with topics such as biochemistry, classical and molecular genetics, plant/animal anatomy and physiology, behavior, bioenergetics, cellular structure and function, and completion of all twelve required AP Lab Studies.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

SC639 Advanced Placement Chemistry**Course Number: 130301****Grade: 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: Algebra II or Integrated Math II**

Advanced Placement Chemistry is a first-year college-level course in chemistry covering topics such as molecular chemistry, thermodynamics, kinetics, equilibrium, electrochemistry and descriptive chemistry. There is an emphasis on chemical calculations and the mathematical formulation of principles.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

SC642 Advanced Placement Physics**Course Number: 130302****Grade: 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: Algebra II or Integrated Math II and Chemistry**

AP Physics is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

SC649 Advanced Placement Environmental Science**Course Number: 132350****Grade: 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: Biology**

This course teaches students the theory and application of environmental sampling and analysis techniques. The course introduces the instrumentation and techniques used to assess air, water, and soil quality. Lecture focuses on sampling, statistics, the operational theory of different measurement techniques, and the relevant chemical reactions. In the laboratory, students apply this to the quantitation and identification of various environmentally significant compounds.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

Extension Courses**SC621SI Science Intervention****Course Number: 132900****Grade: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit**

This intervention course will provide a concise review of high school level science to help prepare students for state-mandated testing. The course begins with a diagnostic test, followed by study skills. Students will then focus on major concepts, understandings, and skills in the areas of physical science, earth and space science, genetics and heredity, and life science that are included in Ohio's science curriculum. The course will end with two practice tests.

SC654 Earth's Greatest Disasters**Length/Credit: 1 semester - .5 credit****Course Number: 132900****Grade: Pass/Fail**

This course will explore the causes and impacts of some of the greatest natural and man-made disasters in history, the impact on the environment, and the ways we are trying to prevent, detect or build infrastructures to withstand such instances with modern technology. Major earthquakes, tsunamis, nuclear accidents and oil spills are just a few examples of disasters that have had extensive impacts on our world and will be explored.

SC681 Bioethics**Length/Credit: 1 semester - .5 credit****Course Number: 132900****Grade: Pass/Fail**

This course explores ethical questions related to the life sciences. Students will examine various case studies and conduct research to support all aspects of the ethical dilemma.

Biomedical Science Program -- Bodies**SC632 Biomedical Science Bodies Program****Course Number: 132330****Grade: 11, 12****Length/Credit: 2 year - 3.0 credit****Prerequisite: Completion of Biology and Chemistry high school courses; recommended 3.0 GPA; application and acceptance into dual enrollment courses**

Any student interested will be asked to attend a focused informational meeting. STEM Bodies is a full-year, early college program in which grades 11-12 students are engaged as emerging professionals in the biomedical field. This program is a rigorous option for students willing to meet academic challenges. This program meets for three hours (four periods).

During each semester, students complete an activity-based biomedical sciences classes in addition to two college biology courses (Biology 1111 and Biology 1112). In the spring each student will engage in rotations with professionals in the biomedical field. During the year-long program, students learn biological sciences content, practice personal professionalism, apply authentic research skills, and develop presentation and communication skills. High work standards and professionalism are expected as students explore and immerse themselves in biomedical fields.

SC742 Principles of Biomedical Science (PBS)**Course Number: 139998****Grade: 11, 12****Length/Credit: 1 year - 1.0 credit****Project Lead the Way Course**

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating

the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

SC633 Human Body Systems (HBS)

Course Number: 139998

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professional to solve real-world medical cases.



Computer Science

SC602 Exploring Computer Science

Course Number: 139997

Grade: 9, 10, 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Algebra I

Exploring Computer Science focuses on foundational computer science concepts and computational practices. The course focuses on the conceptual ideas of computing and helps students understand why certain tools or languages might be utilized to solve particular problems. Students are introduced to topics such as interface design, limits of computers, and societal and ethical issues, web design, programming, computing and robotics.

Advanced Placement Courses

SC630 Advanced Placement Computer Science Principles

Course Number: 139997

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Algebra I

AP Computer Science Principles introduces students to foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, it is designed to appeal to diverse student populations. Topics include the internet, digital information, big data and privacy, introduction to programming, building applications with event-driven programming, and data tools. Students will develop computational thinking skills through problem-solving, collaboration, and writing, as well as through programming.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by the midpoint of the course.

Advanced Placement Computer Science A

Course Number: 139997

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Integrated Math II

AP Computer Science A is comparable to college-level introductory course. Students learn the central ideas of computer science to understand how computing changes the world. The course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. Topics include object-oriented program design, program implementation,

program analysis, standard data structures, standard operation and algorithms, and computing in context.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of the midpoint of the course.



Engineering Science

SC610 Intro to Engineering Design

Course Number: 132220

Grade: 10, 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Integrated Math I

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

Intro to Architecture

Course Number: 178040

Length/Credit: 1 year – 1.0 credit

Grade Level: 10, 11, 12

Prerequisite: Intro to CAD

Intro to Architecture is a year-long course designed to take the student interested in drafting/CAD knowledge and focus on residential design and construction. Students will be introduced to many facets of construction, and they will design a residential structure. Upon completion of the class, the expectation will be for them to have produced a near full set of plans that could be used to build a house. Students will be using DATACAD 20 to enhance their projects and help reinforce the ideas and terminology gained throughout the course.

FA050 Design Appreciation

Course Number: 020210

Length/Credit: 1 semester – 1.0 credit

Grade Level: 9, 10, 11, 12

This Moodle course will explore the various contemporary designers in industry and engineering. Students will learn the processes of evaluating designs as well as explore historical connections and trends in design. The focus of the content will be on Industrial Design and the artist movements, such as Bauhaus and Art Deco that have influences designs of today. This class will be entirely driven by online content and students should have a good understanding of email, uploading files, and navigation within chat and online posting.

FA051 Design and Development

Course Number: 020210

Length/Credit: 1 semester – 1.0 credit

Grade Level: 11, 12

Design and Development utilizes the constructs and information garnered through the MIT Center for Bits and Atoms. As such, students will have experience and exposure to multinational implementation strategies to fabrication. By using an advance understanding and processes of technology and

engineering, students will create workable aesthetically designed models that have direct impact on environment with global thinking and local action. Prior to this model's design students will gather and synthesize the information need to acquire a strong understanding of the targeted user and/or impact of the models use. These models will be solutions to the issues and problems derived from research and study in the humanities, science, and math. The process will include communication and collaboration with peers and experts. Design and Development is a college preparatory course in Technical and Visual Arts and is non-weighted.

FA059 Computer Assisted Design I

Course Number: 101720

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Prerequisite: Integrated Math II

Intro to CAD focuses on exposing students to the world of architecture and architecture design through the use of DATACAD. This course gives students the opportunity to develop skills in CAD development and design, analyzing engineering diagrams and blueprints, and problem solving through activity, project, and problem-based learning. This class has a particular emphasis on the use of CAD in the medical field. Students will be using DATACAD 20 to enhance their understandings of development and design.

FA060 Computer Assisted Design II

Course Number: 101720

Length/Credit: 1 year – 1.0 credit

Grade Level: 10, 11, 12

Prerequisite: Basic Architecture

This course is intended to be a year-long course designed for those students interested in pursuing a career in architecture/drafting design. This course will focus heavily on the 3D modeling used in the CAD career field. Students will be tasked with designing and creating their own houses and then constructing scale 3D models using tools from our schools FAB Lab.

Social Studies

SS711 World History

SS711E World History Enriched

Grade: 9

Course Number: 150890

Length/Credit: 1 year - 1.0 credit

This course examines world events from 1600 to 1919, incorporating US politics, economics, and culture in world and domestic affairs from 1877. Students study economic and political theory, world geography, and social history as well as examining how world and local communities impact the emergence of leaders in the United States and the effects of global interdependence through the end of World War I. 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.

Students selecting SS711E will take a weighted assessment in order to earn the enriched credit. Students selecting SS711 will take a non-weighted assessment to earn the general credit.

SS721 American History

SS721E American History

Grade: 10

Course Number: 150810

Length/Credit: 1 year - 1.0 credit

Students will study significant events in the history of the world and United States from 1919 to the present day emphasizing changing political, economic, and cultural practices and beliefs of the 20th and 21st century, building on the foundation of US and Global History 9. Students will examine the role of individuals and communities in US and worldwide affairs as well as demonstrate involvement in their own community. This course will challenge students with a variety of note taking, research, and writing skills. It emphasizes the relative nature of history through the study of point of view and perspective in US and world affairs.

Students selecting SS721E will take a weighted assessment in order to earn the enriched credit. Students selecting SS721 will take a non-weighted assessment to earn the general credit.

SS741 American Government

SS741E American Government Enriched

Grade: 11, 12

Course Number: 150300

Length/Credit: 1 year - 1.0 credit

The third-year social studies curriculum will concentrate on the origin, growth, organization, and functional characteristics of our national, state, and local governments. The course will focus on the founding documents of this nation, the Constitution and the Bill of Rights, as well as the political party and election process. The formal institutions of American government are explored in-depth as well as

economic policy, foreign policy and state and local government. Emphasis will be placed on education towards better citizenship.

Students selecting SS741E will take a weighted assessment in order to earn the enriched credit. Students selecting SS741 will take a non-weighted assessment to earn the general credit.

SS749 Microeconomics

Course Number: 159940

Length/Credit: 1 year - 1.0 credit

Prerequisite:

Microeconomics provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

SS753 Sociology

Course Number: 151300

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Students study patterns of interaction that become embedded in the structure of society over time. Students investigate the structure of groups, organizations, and societies to learn how people interact within these contexts. Topics range from the intimate family to the internet, organized crime to religious traditions, and from the divisions of race, gender and social class to the shared beliefs of a common culture. This course also introduces students to the use of scientific data to study the social world.

SS755 Psychology

Course Number: 151121

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course presents basic concepts in the scientific study of human behavior through the approaches of the various and sometimes conflicting schools of psychological thought. The course focuses on discovering, understanding, and explaining human nature, and the behavior and mental processes that make us who we are. Students examine the biological as well as the psychological processes of the human mind through topics such as sensation, perception, states of consciousness, memory, personality theory, learning, mental disorders, and social psychology.

SS757 Health and Human Advocacy

Course Number: 159999

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Students will begin this research-oriented course to explore topics relating to environmental concerns, human rights and/or health concerns, or issues concerning human development. The course challenges students to develop and hone research and presentation skills.

SS759 Ethics and Service Learning

Course Number: 159999

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This research-oriented course allows students to explore topics of choice relating to ethical decisions relating to contemporary political and societal issues. The course challenges students to investigate the potential of volunteerism and the role of volunteers and community service within our society.

SS782 Financial Literacy

Course Number: 159999

Grade: 10, 11, 12

Length/Credit: 1 semester - .5 credit

Financial Literacy is designed to develop a basic understanding of the importance of personal financial matters and how to make sound financial decisions. Students will be introduced to topics that will improve their economic citizenship. Topics include financial responsibility, planning/budgeting and money management, consumer choices and purchasing decisions, investing, credit, and insurance (i.e., life, vehicle, health). Students will be equipped to manage their personal business and financial affairs more efficiently.

SS784 Globalization 12

Course Number: 159999

Grade: 11, 12

Length/Credit: 1 semester - .5 credit

This course examines contemporary social, political, economic, and environmental issues in the 21st century world, with particular emphasis on the impact of globalization. The dynamics of global interactions among nations and regions present issues that affect all humanity. Specific issues to be covered include: collective security, terrorism, human rights, immigration, international trade, health crises and sustainability. Students will examine problems and solutions from multiple perspectives, and learn how Individuals and groups have the capacity to impact global issues. This course includes opportunities for students to participate in service learning and prepare research for senior capstone.

SS202 History of American Sports

Course Number: 159999

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course presents an overview of the development of amateur and professional athletics over the course of history in the United States. Using the development of sport and games as a lens, the social, cultural, and business history of the United States will be considered with a focus on the racial, ethical, legal, and monetary components of sports. Students need not be athletes to appreciate this elective course.

SS800 Revolutions**Course Number: 159999****Grade: 9, 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

Are revolutions an effective means of social change, or do they merely reproduce the problems of the past? This interdisciplinary course examines historical and cultural revolutions through a humanities lens, and asks students to explore complex questions without clear answers. Students will analyze historical text, philosophical documents, literature, music and TV/film to evaluate revolutions and social movements from a variety of times and places. Main units will include the American Cultural Revolution of the 1960's, the Chinese Cultural Revolution, the Cuban Revolution, and the Iranian Revolution.

SS785 World Issues and Solutions**Course Number: 152150****Grade: 9, 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

Students will engage in actively partnering with and running the non-profit lift4life which specializes in growing the sport of powerlifting in low income and at-risk communities around the world. Students will learn social media/marketing skills, how to set up a non-profit/file for a 501c3, controlling finances of an active business, creating media campaigns, fundraising, and growing an actual non-profit.

SS735 Law and Public Policy**Course Number: 159999****Grade: 9, 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

The course strives to empower young people to be active, engaged citizens by equipping them with the knowledge and skills they need to successfully participate and create change in their communities. The structure will be to create a base knowledge of law principles and cases, learn through real world experiences, understand different legal careers, and participate in real world applications of legal principles.

SS102 Leadership Theory**Course Number: 159999****Grade: 9, 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

Is leadership something that can be developed or is it born into certain people? This interdisciplinary course provides an overview of the theory related to, and skills necessary for the practice of effective leadership in team and organizational settings. Through a variety of leadership assessments, students learn about their leadership styles and preferences. The course defines leadership, while providing students the opportunity to learn about human motivation, communication and feedback. Students enhance their skills through reading, discussions, case analysis, in-class exercises, and discourse with experienced leaders.

PC100 Peer Collaboration
Course Number: 300010
Grade: 9, 10, 11, 12
Length/Credit: 1 year – 1.0 credit

This course is for persons interested in the education profession. Students have the opportunity to observe and/or enhance skills while working with a mentor teacher. Students receive practice in communication skills, planning and working with peers. Your work will be conducted in the classroom assisting the teacher and assisting students in their daily work.

Advanced Placement Courses

SS743 Advanced Placement US Government and Politics
Course Number: 150300
Grade: 11, 12 in lieu of American Government
Length/Credit: 1 year - 1.0 credit
Prerequisite: American History, AP US History

Advanced Placement U.S. Government gives students an analytical perspective on government and politics in the United States. Students analyze how US public policy affects the society as a whole and become active participants at all levels of the US political system. 30 hours of community service is required. 15 hours per each semester.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of the midpoint of the course.

SS737 Advanced Placement US History
Course Number: 150810
Grade: 11, 12 in lieu of American History
Length/Credit: 1 year - 1.0 credit

The AP U.S. History course provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in Unsettled. Students learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. Students develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of the midpoint of the course.

SS754 Advanced Placement Microeconomics
Course Number: 159940
Grade: 11, 12
Length/Credit: 1 year - 1.0 credit

Microeconomics provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of the midpoint of the course.

SS777 Advanced Placement Human Geography

Course Number: 150700

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of the midpoint of the course.

SS1001 Advanced Placement Psychology

Course Number: 151121

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of the midpoint of the course.

Business and Marketing

BU111 Business Foundations/ Management Principles

Course Number: 032300

Grade: 9, 10

Length/Credit: 1 year - 1.0 credit

Introduction to business course. Topics covered include: Basic Marketing and Business concepts, Employability skills, Leadership, Communications, and Technology Skills.

BU147 Digital Marketing and Management

Course Number: 144015

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Business Foundations

The focus of this class is to integrate business skills to apply tools, strategies and processes to communicate digitally. Students will create, implement, and critique online advertising, email marketing, websites, social media, video or images and podcasts/webcasts. Students will apply project management techniques to guide and control digital communications efforts. Roles and responsibilities could include assisting with the shirt press, operating a successful morning show, and development of a school/class website.

BU148 Operations Management with or without a Co-Op option

Course Number: 142020

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Business Foundations

Students will learn to plan, organize, and monitor day-to-day business activities. They will use technology to plan production activities. Roles and responsibilities could include running and operating the school store. The Co-Op option would provide an additional credit for students who either have a job and can receive credit for working, want a job and need help finding one, or can even receive credit for working in the school store. Teacher will assist with job placement as well as monitoring student work ethic at employment.

BU112 Entrepreneurship

Course Number: 144000

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Students will answer essential questions about how to be an entrepreneur in a business they can start or own and as an associate for a company or organization. The qualities and characteristics that make one successful will be examined. Students will complete projects, which include interviews and presentations as well as a small business plan. DECA membership (student organization) is available but not required.

BU117 Marketing, Management & Research**Course Number: 040810****Grade: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit**

This is an introductory-level survey of a marketing and business course that will include project- and inquiry-based learning of marketing and business as well as economics and its many interdependent functions. A heavy emphasis is placed on public speaking, human relations, team building and professionalism as well as research and design. Students will learn how business is a part of a community. Students will operate and manage a school store. DECA membership (student organization) is available but not required.

BU145 Retail and Consumer Services**Course Number: 033450****Grade: 9, 10, 11, 12****Length/Credit: 1 semester - .5 credit**

Active learning of retail business and management. Concepts and practice in Promotion, Customer Service Relationships, Selling, and Merchandising are introduced. Students will have the opportunity to enrich their experience through the creation of a small business plan. The school store laboratory is used as the classroom. This course can be taken up to a maximum of six semesters with instructor approval. DECA membership (student organization) is available but not required.

RDS R-Design and Sportswear**Course Number: 032300****Grade: 9, 10, 11, 12****Length/Credit: 1 year - 2.0 credits**

Interested in learning how to design logos using Adobe Photoshop & Illustrator, screen print, use QuickBooks or run a school business? The focus of this class is to integrate business skills and apply tools, strategies and processes to running a sportswear store. Students will design and create sportswear for a variety of people and purposes. Students will apply project management techniques to guide and control digital communications efforts.



World Languages

FL33 American Sign Language

Course Number: 061050

Grade: 9, 10, 11, 12

Length/Credit: 1 year - 1.0 credit

The purpose of this course is to enable students to begin to acquire proficiency in American Sign Language through a linguistic, communicative, and cultural approach. Emphasis is placed on the development of receptive and expressive signing skills and on the acquisition of the fundamentals of applied grammar. An exposure to the deaf and hard of hearing culture will be presented and students are expected to participate in the community. ASL is a visual language and therefore: Regular attendance and participation are mandatory!

FL313 French I

Course Number: 060230

Grade: 9, 10, 11, 12

Length/Credit: 1 year - 1.0 credit

The first year of a World Language such as French focuses on establishing novice level speaking, reading, writing, and listening skills based on state content standards. Students will understand main points of basic written and aural texts, engage in simple, everyday verbal exchanges, and compose basic texts about their lives, using high-frequency vocabulary and structures. Activities and assessment supporting the academy theme of Nature help students understand the target cultures' geographical space in the world, as well as their environmental challenges.

FL323 French II

Course Number: 060230

Grade: 10, 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: French I

The second year of French continues skill development as students begin to recombine vocabulary and structures to provide information and influence others. In reading, students glean more information from a wider variety of texts, and listen to native speakers of the target language for a general understanding of the intent of the message. Thematically, language courses expose students to the human practices, perspectives and products of French culture through technology, film, television and print media.

FL333 French III

Course Number: 060230

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: French II

In the third-year French curriculum, students apply information to personal experience and accomplish related tasks through comprehension of increasingly complex language. Students begin to seek out materials of interest to them, analyze the content, and compare it to information available in their own language. They begin to write and speak more freely and coherently, and linguistic input is less controlled by the teacher and/or textbook. Authentic reading materials and listening selections, as well as contacts made with members of target cultures through technology, encourage students to think and speak critically about conflicts facing the world today. Students are assessed in listening, reading, writing and speaking.

FL343 French IV

Course Number: 060230

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: French III

In the fourth-year French curriculum, students move from a focus on analysis of authentic materials to synthesis of those materials to support personal conclusions and viewpoints. Students move outside themselves in order to initiate discussions and compositions that substantiate their positions, and they engage in more sustained discourse. Advanced courses at the high school level and opportunities for post-secondary work prepare students for future language study. In keeping with the academy theme of Art and Beauty, students explore aesthetics of target language cultures, compare them to artistic expressions of their own culture, and reflect upon others' worldviews as expressed through art.

FL301 Spanish I

Course Number: 060265

Grade: 9, 10, 11, 12

Length/Credit: 1 year - 1.0 credit

The first year of a World Language such as Spanish focuses on establishing novice level speaking, reading, writing, and listening skills based on state content standards. Students will understand main points of basic written and aural texts, engage in simple, everyday verbal exchanges, and compose basic texts about their lives, using high-frequency vocabulary and structures. Activities and assessment supporting the academy theme of Nature help students understand the target cultures' geographical space in the world, as well as their environmental challenges.

FL303 Spanish II

Course Number: 060265

Grade: 10, 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Spanish I

The second year of Spanish continues skill development as students begin to recombine vocabulary and structures to provide information and influence others. In reading, students glean more information from a wider variety of texts, and listen to native speakers of the target language for a general understanding of the intent of the message. Thematically, language course expose students to the human practices, perspectives and products of Spanish culture through technology, film television and print media.

FL305 Spanish III**Course Number: 060265****Grade: 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: Spanish II**

In the third-year Spanish curriculum, students apply information to personal experience and accomplish related tasks through comprehension of increasingly complex language. Students begin to seek out materials of interest to them, analyze the content, and compare it to information available in their own language. They begin to write and speak more freely and coherently, and linguistic input is less controlled by the teacher and/or textbook. Authentic reading materials and listening selections, as well as contacts made with members of target cultures through technology, encourage students to think and speak critically about conflicts facing the world today. Students are assessed in listening, reading, writing and speaking.

FL310 Spanish IV**Course Number: 060265****Length/Credit: 1 year - 1.0 credit****Prerequisite: Spanish III**

In the fourth-year Spanish curriculum, students move from a focus on analysis of authentic materials to synthesis of those materials to support personal conclusions and viewpoints. Students move outside themselves in order to initiate discussions and compositions that substantiate their positions, and they engage in more sustained discourse. Advanced courses at the high school level and opportunities for post-secondary work prepare students for future language study. In keeping with the academy theme of Art and Beauty, students explore aesthetics of target language cultures, compare them to artistic expressions of their own culture, and reflect upon others' worldviews as expressed through art.

FL310 Mandarin Chinese I**Course Number: 060102****Grade: 9, 10, 11, 12****Length/Credit: 1 year - 1.0 credit**

In Chinese I students are introduced to tones, pronunciation and Romanization, vocabulary and basic dialogues, while gradually building a foundation speaking Chinese and appropriate behavior in Chinese culture. Students engage in communicative skills such as, meeting and appropriately greeting and identifying people. Conversational language skills are developed through authentic dialogue settings. Speaking and listening skills are the main focus in Chinese I class. Traditional Chinese character writing is also introduced and practiced in this course.

FL310 Mandarin Chinese II**Course Number: 060102****Grade: 10, 11, 12****Length/Credit: 1 year - 1.0 credit****Prerequisite: Mandarin Chinese I**

In Chinese II vocabulary and dialogues about people and daily activities are introduced in context through authentic dialogue settings and speaking scenarios. Speaking and listening skills continue to

improve through daily use. Students are expected to create meaningful conversations, improve their cultural awareness, discuss social and cultural implications of Chinese language and other cultural issues that arise. Writing practice and the reading of written Chinese will be incorporated in Chinese II, which includes stroke, radicals and phonetic components as well as basic sentence structure.

FL314 Mandarin Chinese III

Course Number: 060102

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Mandarin Chinese II

In Chinese III students increase their Chinese language and cultural understanding skills based on the foundation acquired in Chinese I and Chinese II. Students continue to increase vocabulary and grammar structures. Instruction and interaction are primarily in Chinese with a focus on listening, speaking, reading, writing, cultural awareness and appreciation. Vocabulary and dialogues about events, schedules and consequences are introduced in context through authentic materials and speaking scenarios. Reading and writing are focused on communicating effectively in the target language through reading business cards, maps, road signs, writing notes, reading and creating agendas.

FL314 Mandarin Chinese IV

Course Number: 060102

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Mandarin Chinese III

In Chinese IV, students deepen and expand their listening skills by immersing themselves in the target language. Students focus on reading the linguistic and cultural meaning of the text with fluency and comprehension. Students are able to summarize orally or in writing what they have read. In terms of listening and speaking, students develop skills in Chinese to communicate across ethnic, cultural, ideological and national boundaries and develop an understanding of Chinese interpersonal behavioral culture and related thought patterns.

Advanced Placement Courses

Advanced Placement Chinese

Course Number: 060102

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Prerequisite: Mandarin Chinese III

The AP Chinese Language and Culture course is designed to be comparable to fourth semester (or the equivalent) college/university courses in Mandarin Chinese. Students to demonstrate their level of Chinese proficiency across the three communicative modes (Interpersonal, Interpretive and Presentational) and the five goal areas (Communication, Cultures, Connections, Comparisons and Communities). Students perform Intermediate to Advanced level tasks and are expected to achieve proficiencies throughout and sometimes beyond, the Intermediate range.

Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of the midpoint of the course.



Health and Physical Education

PE401 Physical Education I

Course Number: 120400

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .25 credit

Students will develop a plan/participate in a variety of individual, dual, and team sports and activities that expand on and reinforce concepts and skills. Students work towards mastering course standards, both academic and physical, through a plan developed with their College & Career Readiness Counselor and implemented outside of the school day. Activity logs are required.

PE402 Physical Education II

Course Number: 120400

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .25 credit

Prerequisite: Physical Education I

Students will develop a plan/participate in a variety of individual, dual, and team sports and activities that expand on and reinforce concepts and skills. Students work towards mastering course standards, both academic and physical, through a plan developed with their College & Career Readiness Counselor and implemented outside of the school day. Activity logs are required.

PE005 Personal Conditioning I

Course Number: 080999

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .25 credit

This elective course is designed for the students who would like to extend their personal fitness level by building an extensive personal training program. Personal Conditioning will address the topics of exercise, physiology, injury prevention, speed training, agility training, flexibility training, along with a complete weight lifting and cardiovascular conditioning program.

Aerobic, anaerobic, and circuit training will be explored through multiple strength and interval training exercises. This class will also expose students to the fitness profession by exploring the fitness field through in-class speakers, hands-on experience and field trips when possible.

PE006 Personal Conditioning II

Course Number: 080999

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .25 credit

This elective course is designed for students who would like extend their personal fitness level by building an extensive personal training program. Advanced Personal Conditioning will build on the student's individual workout program designed in Personal Conditioning class. These will include topics of exercise, physiology, injury prevention, speed training, agility training, and flexibility training, along with a complete weight lifting and cardiovascular conditioning program.

Students should have prior knowledge of safe weight room practices, correct lifting techniques and personal workout needs established in Personal Conditioning. Aerobic, anaerobic, and circuit training will be mastered through multiple strength and interval training exercises. This class will explore in detail the fitness profession by exploring the fitness field through in-class speakers, hands-on experience and field trips when possible. Each student will be responsible for creating, implementing and reflecting on their own exercise prescription.

PE222 Coaching and Officiating

Course Number: 080999

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .25 credit

This course introduces students to the world of coaching and officiating. Students will learn basic aspects of officiating different sports, from rules, hand signals, techniques, and game management. The class will cover aspects to officiating the following sports: soccer, flag football, basketball, baseball, and softball. OHSAA certified officials will be guest speakers throughout the semester giving in put on skills and technique as well advice to young officials considering officiating as a career. Students will also be introduced to skills needed to become an effective youth coach and be certified as a NYSCA coach. The training will cover topics coaches of all sports need to know, such as working with parents; motivating kids; building confidence; instilling good sportsmanship; safety; and nutrition and hydration; among many other areas. This course will also certify students in CPR/AED and First Aid through the American Heart Association.

PE411 Health I

Course Number: 260101

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

Students develop knowledge, attitudes, and practices necessary for the development of optimal personal fitness for full, fruitful, creative living. The major objective of the program is to enable the student to think critically about life and health problems, and to make reasonable judgments concerning individual, family and community health.

HTH201 Health: Emergency Care, CPR/AED and First Aid

Course Number: 260200

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

This course will teach the student how to recognize an emergency and how to respond. The student will be prepared to make appropriate decisions regarding first aid care and how to provide care for injuries or sudden illness until professional medical help arrives. The course will be taught in a blended format, with online material, class discussions, guest speakers, and hands on lab setting practicing first aid techniques discussed and demonstrated in class. Assessments will be in the form of online quizzes and tests, as well as performance bases. Students will be asked to respond and execute techniques in simulated scenarios throughout the semester. Upon completion of this course, students will earn a 2-year certification through American Heart Association in First Aid, CPR/AED (Adult, Child and Infant).

ELE01 Adulting 101**Course Number: 300050****Grade: 10, 11, 12****Length/Credit: 1 semester - .5 credit**

This course is designed to help seniors set goals and learn how to make adult decisions to include: budgeting, meal planning, credit, purchasing insurance, living on their own and other adult responsibilities.

PE008 Wellness Through the Arts: Ballet**Course Number: 120300****Grade: 9, 10, 11, 12****Length/Credit: 1 semester - .5 credit**

At the successful completion of this course the student will be able to demonstrate increased coordination and awareness of the body in motion, increased control and strength, specifically of the center of the body and increased flexibility. Students will learn basic ballet steps and terminology, specific ballet steps and their individual demands. Students will also understand the relationship of music and dance and come away with a general appreciation and an informed opinion of the art form.

PE009 Wellness Through the Arts: Jazz**Course Number: 120300****Grade: 9, 10, 11, 12****Length/Credit: 1 semester - .5 credit**

At the successful completion of this course the student will be able to demonstrate increased coordination and awareness of the body in motion, increased control and strength, specifically of the center of the body and increased flexibility. Students will learn basic jazz steps and terminology, specific jazz steps and their individual demands. Students will also understand the relationship of music and dance and come away with a general appreciation and an informed opinion of the art form.

PE010 Wellness Through the Arts: Contemporary**Course Number: 120300****Grade: 9, 10, 11, 12****Length/Credit: 1 semester - .5 credit**

At the successful completion of this course the student will be able to demonstrate increased coordination and awareness of the body in motion, increased control and strength, specifically of the center of the body and increased flexibility. Students will learn basic contemporary dance steps and terminology, specific steps and their individual demands. Students will also understand the relationship of music and dance and come away with a general appreciation and informed opinion of the art form.

PE003 Wellness Through the Arts: Yoga/Pilates**Course Number: 120300****Grade: 9, 10, 11, 12****Length/Credit: 1 semester - .5 credit**

This course is part of community partnership with Ballet Met and is instructed by Ballet Met personnel on the campus of Encore Academy, Summit Road campus of Reynoldsburg High School. The course is designed to introduce Yoga specific movement to students as a form of art and communication in a creative and open method. Students will be required to participate actively.

PE012 Wellness Through the Arts: African Dance

Course Number: 120300

Grade: 9, 10, 11, 12

Length/Credit: 1 semester - .5 credit

At the successful completion of this course the student will be able to demonstrate increased coordination and awareness of the body in motion, increased control and strength, specifically of the center of the body and increased flexibility. Students will learn basic African dance steps and terminology, specific steps and their individual demands. Students will also understand the relationship of music and dance and come away with a general appreciation and an informed opinion of the art form.



Capstone and Internship

SC652 Capstone

Course Number: 139997

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

The capstone course is designed to imitate real-world processes and to give students the opportunity to demonstrate the research, writing, and communication skills that they have honed during their high school years. Students must submit a formal proposal, a research paper, and a technology-based presentation to successfully complete the capstone project.

SS765 Internship

Course Number: 139997

Grade: 11, 12

Length/Credit: 1 year - 1.0 credit

Students will spend the first six weeks of the course learning proper etiquette while in a professional workplace, will learn about the interview and application processes for businesses, and will create a resume and cover letter. Students may choose from a list of local internship opportunities or choose to find a placement on their own. Students will log hours and complete journal entries based on their experiences at the workplace.

Advanced Placement Courses

AP Capstone™

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

AP Capstone is comprised of two AP courses — AP Seminar and AP Research — and is designed to complement and enhance the discipline-specific study in other AP courses. Participating schools can use the AP Capstone program to provide unique research opportunities for current AP students, or to expand access to AP by encouraging students to master the argument-based writing skills that the AP Capstone program develops.

AP CAPSTONE 1 (AP SEMINAR)

Course Number:

Length/Credit: 1 year - 1.0 credit

Prerequisite: 10th, 11th, or 12th grade standing.

Students engage in conversations about complex academic and real-world issues through a variety of lenses, considering multiple points of views. Classes will focus on two or more themes that allow for deep interdisciplinary exploration based on: concepts or issues from other AP courses, student interests, local and/or civic issues, and Global or international topics.

Exploring different points of view and making connections across disciplines are fundamental components of the AP Seminar experience. Students consider each topic through a variety of lenses and from multiple perspectives, many of which are divergent or competing.

Analyzing topics through multiple lenses aids in interdisciplinary understanding and helps students gain a rich appreciation for the complexity of important issues. Students will be encouraged to explore a topic through several of the following lenses: cultural and social, artistic and philosophical, political and historical, environmental, economic, scientific, futuristic, and ethical.

During the course, students will complete a team project, an individual paper and presentation, and take a final written exam. This course is the first of two courses available for students to earn the AP Capstone Diploma.

AP CAPSTONE 2 (AP RESEARCH)

Course number:

Length/Credit: 2 semesters - 1.0 credit

Prerequisite: AP Seminar

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Although the topic of each research study will vary, the course requires students to plan and conduct a study or investigation.

