



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

REYNOLDSBURG CITY SCHOOLS

Empowering leaders who impact the NOW and innovate the FUTURE



Dear Reynoldsburg High School Students,

We are excited to provide you with the Reynoldsburg High School Program of Studies for the 2019-20 school year. All four academies and **The 9X Impact** are represented in this common document. The class offerings provide a rich variety of options to ensure you make the most out of your time at Reynoldsburg High School.

All four academies and **The 9X Impact** have course options that range from college level and AP courses, career and technical readiness courses, and high school courses. Within this Program of Studies, you will find a guide to develop your class schedule and workload during high school. Information about graduation requirements, eligibility requirements, prerequisites are also included in this document.

Our mission is to empower you, as leaders, to impact the NOW, and innovate the FUTURE. We encourage you to take full ownership of your learning and engage in challenging and relevant experiences. Work with your teachers, your counselors, your mentors and your family to get the support you need throughout your educational journey at Reynoldsburg High School.

When you graduate, no matter which path you take, be it college, the military, or starting your career, you will be prepared for what the world has to offer if you try your best and keep a growth mindset throughout your time at RHS. Use your time in high school to explore classes, consider options, find your strengths, and develop your passions. You have the full support of myself, the Board of Education, and the RCS. We believe in you and are willing to do whatever it takes to prepare you for the world beyond Reynoldsburg High School.

Good luck this school year, and go Raiders! We implore you to always be #reynproud.

Sincerely,

A handwritten signature in black ink, appearing to read 'Melvin J. Brown', is written over a light blue horizontal line.

Melvin J. Brown
Superintendent
Reynoldsburg City Schools

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हाम्रा रेनलड्स्बर्ग हाई स्कूलका विद्यार्थीहरू,

हामी तपाइहरूलाई २०१९-२०२० स्कूल वर्षका लागि विभिन्न शैक्षिक कार्यक्रम प्रस्तुत गर्न उत्साहित छौं। सबै चार एकेडेमी तथा 9X Impact लाई यो कागजातले साधारण प्रतिनिधित्व गरेको छ। यहाँ प्रदान गरिने कक्षाहरूमा विभिन्न राम्रा विकल्पहरू छन् जसमा विद्यार्थीले रेनलड्स्बर्ग हाई स्कूलको समयमा धेरै भन्दा धेरै प्राप्त गर्न सक्नु भन्ने सुनिश्चित गरिएको छ।

सबै चार एकेडेमी तथा 9X Impact का पाठ्यक्रमका विकल्पहरूमा कलेज स्तरका कक्षा देखि लिएर AP कक्षाहरू, ब्यवासाहिक तथा प्राविधिक तयारी कक्षाहरू, र हाई स्कूलका कक्षाहरू छन्। यस शैक्षिक कार्यक्रम भित्र तपाइले आफ्नो कक्षा तालिका कसरी तयार गर्ने तथा हाई स्कूलमा कार्यको बोझका विषयमा मार्ग निर्देशन प्राप्त गर्नु हुने छ। ग्रेजुएसनका आवश्यकताहरू, योग्यताका आवश्यकताहरू, पूर्व-आवश्यक कक्षाहरूका विषयमा जानकारीहरू यस कागजातमा समावेश गराएको छ।

हाम्रो लक्ष भनेको **अहिलेलाई प्रभाव पार्दै, भविष्यलाई प्रतिबिम्बित गर्दै, र नेत्रित्वकर्ता जस्तै तपाइलाई सशक्त बनाउनु हो।** हामी तपाइलाई आफ्नो शिक्षाको पूर्ण स्वामित्व लीन र चुनौती पूर्ण तथा सान्दर्भिक अनुभवहरूमा संलग्न हुन प्रोत्साहित गर्छौं। रेनलड्स्बर्ग हाई स्कूलको यात्रामा भरपर्दो सहयोग प्राप्त गर्नका लागि तपाइका शिक्षकहरू, तपाइका सल्लाहकारहरू, तपाइका प्रशिक्षकहरू, र तपाइका परिवारसँग काम गर्नुहोस्।

तपाइले स्नातकोत्तर प्राप्त गरे पछि जुनसुकै बाटो अपनाए तापनि, चाहे त्यो कलेज, सैन्य, वा कुनै पनि पेशा सुरु गर्न होस् तपाइले RHS मा रहेको समयमा बढ्दो मानसिकता राख्नु भयो भने तपाइलाई संसारिक आवश्यकता अनुसार तयार गरिने छ। हाई स्कूलको समयमा कक्षा गत विषयमा खोज गर्नुहोस्, विकल्पहरूमा विचार गर्नुहोस्, आफ्नो बलियो पक्ष पत्ता लगाउनुहोस् र त्यसबाट आफ्नो आवेगको विकाश गर्नुहोस्। तपाइलाई मेरो तर्फबाट, स्कूल शिक्षा बोर्ड र RCS का तर्फबाट पूर्ण समर्थन छ। हामी तपाइहरूमा विश्वास गर्छौं र रेनलड्स्बर्ग हाई स्कूल देखि बाहिरको संसारका लागि तयार पार्न जे पनि गर्न तयार छौं।

यो साल तपाइलाई भाग्यले साथ दिओस्, गो रैडरस्, हामी गर्व गरौं #reynproud.

भवदीय,

मेल्विन जे. ब्राउन

अधीक्षक

रेनलड्स्बर्ग सिटी स्कूलस्

Board of Education

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REYNOLDSBURG CITY SCHOOLS

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Queridos Estudiantes del Colegio (9-12) de Reynoldsburg,

Estamos entusiasmados en poder proveer El Programa de Estudios del Colegio de Reynoldsburg para el año escolar 2019-2020. Las cuatro academias y El 9X Impact están representadas en este documento. Hay una amplia variedad de opciones de estudios para asegurarse de que el tiempo en el colegio se aproveche al máximo.

Los cuatro academias y El 9X Impact tienen opciones de nivel universitario, cursos avanzados (AP), cursos de preparación de carrera o cursos técnicos y cursos del colegio. Con este programa de estudios encontrarás un guía para desarrollar tu programa de clases y trabajo necesario durante tu tiempo en colegio (high school). Información necesaria para graduarte, requisitos para elegibilidad, prerrequisitos están también incluidos en este documento.

Nuestra misión es darte a ti el poder para impactar el AHORA e innovar el FUTURO. Te animamos a que te tomas control de tu aprendizaje y que participes en desafiantes y relevantes experiencias. Trabaja con tus profesores, consejeros, mentores, y tu familia para obtener el apoyo necesario para poder pasar esta experiencia educativa en Reynoldsburg High School.

Cuando te graduas no importa el camino que hayas elegido, si es la universidad, carrera militar o empezando tu propia carrera, estarás preparado para lo que el mundo te ofrezca, y si has trabajado y has hecho lo que más has podido y sigues creciendo en tu estancia en RHS. Usa el tiempo de estancia en el colegio para explorar clases, considerar opciones, encontrar tus fortalezas y desarrollar tus pasiones. Tienes mi completo apoyo y el apoyo del Board of Education y del RCS. Creemos en ti y vamos a hacer todo lo posible para prepararte para afrontar el mundo después de Reynoldsburg High School.

Buena suerte este año y Vamos Raiders! Te rogamos que sigas sintiendote orgulloso de Reynoldsburg!

Atentamente,

Melvin J. Brown
El Superintendente
El Distrito Escolar de la Ciudad de Reynoldsburg

Board of Education

Joe Begeny, President • Debbie Dunlap, Vice President
Robert Barga • Jeni Quesenberry • Neal Whitman
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Mudanayaal Ardayda Dugsiga Sare ee Reynoldsburg,

Waxaan ku faraxsanahay inaanu idin siino Barnaamijka Dugsiga Sare ee Reynoldsburg ee Waxbarashada sanad dugsiyeedka 2019-20. Dhamaan afarteena machad **The 9X Impact** waxaa lagu soo bandhigay warqaahana caamka. Fasalada la bixiyo waxa ay bixiyaan ikhtiyaaro kala duwan oo lagu xaqiijinayo in badankood ayna wakhtigan Dugsiga Sare ee Reynoldsburg ayna ahayn.

Dhamaan afarta machad iyo **The 9X Impact** waxay ikhtiyaar u leeyihiin duruus heer kuuliyadeed iyo AP iyo kala duwna, duruusta diyaar u ahaanshaha mihnada iyo farsamada, iyo duruusta dugsiga sare. Barnaamijkan Waxbarashada, waxaad heli doontaa tilmaamo si aad u hormariso fasalkaaga iyo culayska shaqadaada inta aad ku jirto dugsiga sare. Macluumaadka ku saabsan shuruudaha qalijabinta, shuruudaha u qalanka, marka hore samaynta ayaa sidoo kale lagu sheegey waraaqahan.

Shaqadaayadu waa inaanu ku awood siino, hogaan ahaan, waxaad saamayn ku yeelan doontaa IMINKA, iyo ikhtiraaca MUSTAQBALKKA. Waxaanu kugu dhiiri gelinaynaa inaanu mulkiyada dhamayskatiran ee waxbarashada iyo wada shaqaynta ka qayb gasho ee caqabada iyo khibrada la xidhiidha. La shaqaynta macalimiinta, lataliyayaashaada, cida tusaalaha kuu ah ee taageerada aad ugu baahan yahay safarkaaga waxbarasho ee Dugsiga Sare ee Reynoldsburg.

Marka aad qalin jarbiso, dhabada aad doonto hadii aad qaado, hadii ay tahay kuuliyada, ciidanka, ama inaad bilawgo mihnadaada, waa inaad u diyaar ahaataa waxa caalamka aad ka heleyso hadii aad dadaalka ugu badan muujinayso oo aad doonayso inaad si wanaagsan ugu karto wakhtigaaga RHS. Waxaad adeegsataa wakhtigaaga dugsiga sare si aad u eegto fasalada, aan iskula eego ikhtiyaarada, aad hesho awood siin, oo aad u hormariso rabitaankaaga. Waxaad iga heli doontaa taageero buuxda, Gudida Waxbarashada, iyo RCS. Rajo wayn ayaanu kaa qabtaa oo waxaanu u aragnaa inay kaa go'an tahay in aad wax kasta oo aad ku diyaar garoobayso caalamka ka danbeeya Dugsiga Sare ee Reynoldsburg inaad samayso.

Nasiib wanaagsan sanad dugsiyeedkan, oo qabo Raiders! Waxaanu mar kasta kaa dalbanaynaa inaad noqoto #reynproud.

Mahadsanid,

Melvin J. Brown
Maamulaha
Dugsiyada Magaalada Reynoldsburg

Board of Education

Joe Begeny, President • Debbie Dunlap, Vice President
Robert Barga • Jeni Quesenberry • Neal Whitman
Melvin J. Brown, Superintendent • Tammira S. Miller, Treasurer

Mission and Vision

Reynoldsburg City Schools places a high degree of importance on ensuring that all children have the opportunity to reach their full potential inside and outside of the classroom. We view each student individually and work to ensure they enter the world well-rounded and experienced.

Mission

Empowering leaders who impact the NOW and innovate the FUTURE

Vision

Student Learning: Enable students to take ownership of their learning and achieve full potential through challenging, engaging and relevant learning experiences.

Student Experience: Build an inclusive community where students feel safe, supported and engaged.

Communication: Promote a school community culture that allows all involved to have a voice and remain informed.

Finances: Equitably distribute resources to promote instructional programs that will support the district mission.

To support our mission and vision, we have designed the high school experience to prepare students for future employment, further study at the college and university level, and to be effective citizens. This is evident in three areas:

Innovation & Partnership

The Reynoldsburg City School District delivers an innovative, high-quality and cost-effective education to all students. Schools provide hands-on learning experiences in highly personalized environments. Academic programs focus on growing sectors like science, technology, engineering and math while providing a well-rounded curriculum including educational basics along with arts and citizenship. Strong partnerships with universities, healthcare institutions, local and state government agencies and businesses enhance student learning. We are proud to have long-standing partnerships with companies such as Battelle, BalletMet, Columbus State Community College, the Ohio STEM Learning network and many more.

Caring Educators

Reynoldsburg teachers and staff go above and beyond for students and their families. Staff members stay on top of educational innovations, attracting educators from across Ohio to Reynoldsburg to see what's happening in our classrooms. Reynoldsburg employees are passionate about education and focus on every student's success.

Prepared Students

Reynoldsburg students are prepared for their future jobs, higher education, and roles in society. Our diverse student body competes regionally and nationally in academics, the arts and athletics. Our students engage in service learning and volunteerism to help make Reynoldsburg better every day. They are learners today, leaders tomorrow.

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.

General Information

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 and 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 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.

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.

Title IX Regulation

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.



The Reynoldsburg High School program consists of a variety of pathways from which students choose that include numerous specialty courses, required core coursework, and an array of elective offerings.

Highlights

- 16 career pathways
- 27 AP courses
- Over 30 courses offering credit through 4 colleges and universities
- Articulations with local colleges and universities for students to earn college transfer credit through the completion of pathway courses

Reynoldsburg High School offers 16 Career Pathways in one of our four career academies:

- Business, Education, Law and Leadership Early College Academy (Bell)
- Encore Academy of Performing and Design Arts
- Environmental Science, Technology, Engineering and Math (eSTEM)
- Health Sciences and Human Services Academy (HS2)



Each pathway has required courses depending on a student's concentration preference and choice of electives. Students are encouraged to work with their family and counselors to select the best path to graduation, preparing them for college and careers.

Academies and Pathways

Our program of study for each pathway includes four components:

1. Four-year, sequential courses related to the pathway, each with rigor and relevance to degree programs using college and career standards.
2. Alignment to secondary institutions with college credit-bearing courses in every discipline.
3. Opportunities to earn industry-recognized credentials.
4. Connections to careers through work-based learning, internships, technical skills assessment, and off-campus experiences related to career pathways.

Livingston Avenue Campus

Business, Education, Law and Leadership Early College Academy (Bell)



- Business and Marketing
- Law and Criminal Justice
- Early Childhood Education
- K-12 Education
- Leadership

Health Sciences and Human Services Academy (HS2)



- Biotechnology – PLTW Bodies Program
- Biomedical Engineering
- Food Science
- Allied Health and Nursing
- Human Services

Summit Road Campus



Environmental Science, Technology, Engineering and Math (eSTEM)

- Horticulture
- Energy and Natural Resources
- Digital Network Systems
- Engineering and Design



Encore Academy of Performing and Design Arts

- Media Arts
- Visual Design and Imaging
- Performing Arts
- Music

Graduation Information

Grade Placement

Requirements for Promotion

Students in grades 9-12 are 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.

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.)

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.

Early Graduation

Students who desire to graduate from 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.

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.
- Programs such as special education or career education at Eastland-Fairfield Career Technical School 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.



Graduation Requirements

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.

To graduate from 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 Integrated Math II or Integrated Math II Enriched
Health	½	
Physical Education	½	Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading.
Financial Literacy Elective	½	
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		

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.

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

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

Ohio’s State Tests	Reynoldsburg Course
Algebra I	Integrated Math I
Geometry	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		

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		The state of Ohio will pay one time for all 11 th 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.
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	

Course and Credit Options

Course Levels

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.

College Preparatory (CP) - Unless otherwise indicated, all courses are college preparatory in order to provide a rigorous curriculum aligned with state standards and connected to the student's pathway. These classes prepare students for a variety of postsecondary experiences, including higher education and/or the workforce.

Enriched Courses (E) are designed to challenge learners. Students enrolled in these courses are expected to utilize independent learning and study skills and dive deeper into the subject area. Additional projects may be required. Students selecting enriched courses will take a weighted assessment in order to earn the enriched credit.

Advanced Placement Courses (AP) are designed to challenge students no matter their post-high school plans. Rich course material and vibrant classroom discussions help students develop content mastery and critical thinking skills expected of today's graduates. In addition to content, AP courses focus on preparation for the College Board AP tests. Successful completion of the course and AP exam translates into college credits for students. Scholarships to support AP exams fees are available for families with financial need.

College Credit Plus (CCP) - Students have the opportunity to enroll in college-level courses and receive college credit. Students who successfully complete CCP courses earn high school and college credit which can be presented to any post-secondary institution (pending their requirements and approval).

Capstone and/or Internship - Each pathway has an identified capstone and internship course designed to be taken senior year. These courses tie together the key learning objectives students have learned during the pathway. During the courses, students will be expected to work a designated number of hours at a local business related to the pathway, research a topic of interest within the pathway, and present on their findings to a committee.



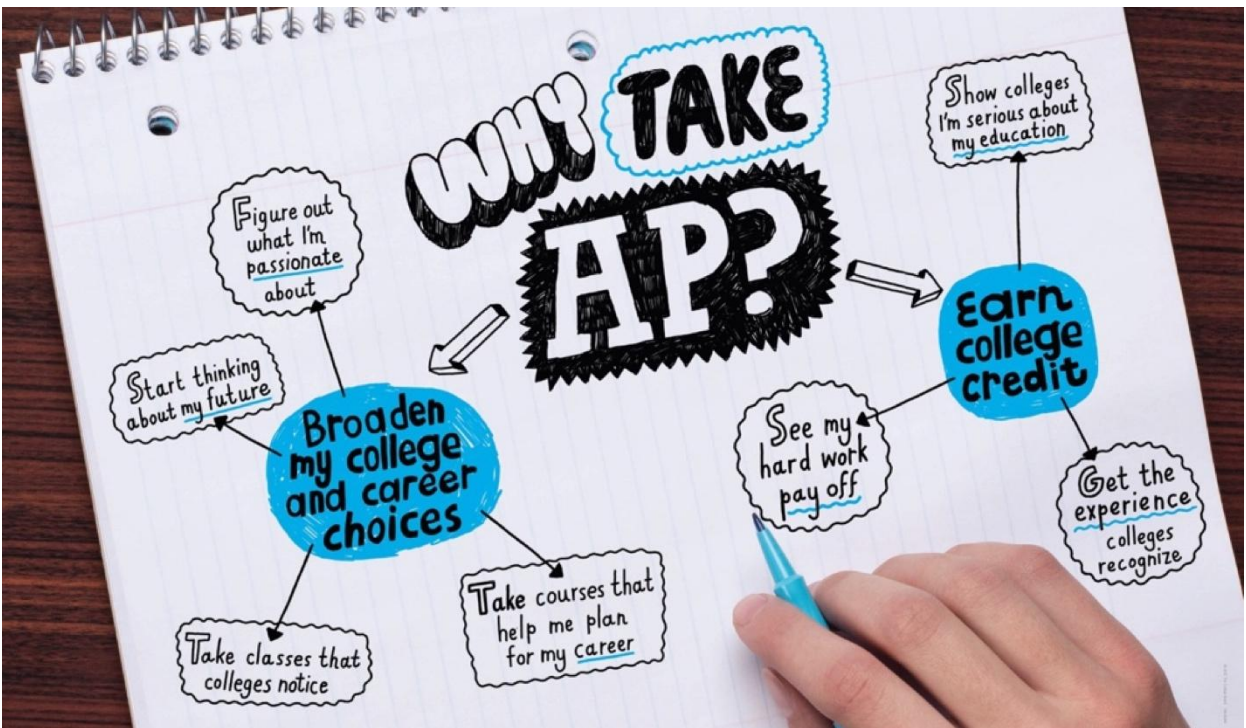
Choosing Courses That Are the Right Fit

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	<p>Students taking coursework at the college level offered in conjunction with area colleges or universities.</p> <p>Students who score College and Career Ready based on Accuplacer or ACT test results.</p>	<p>Students receive credit for successful completion of the course with a C or better, 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 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> <p>Students will complete the admissions process prior to beginning the next school year.</p>	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.	<p>College credit is awarded individual by the institution and requires a successful score on AP exams in each content area.</p> <p>AP course grades are weighted in the calculation of the GPA each grading period if</p>	<p>Students apply during registration process.</p> <p>Students must successfully complete prerequisite coursework.</p>	Advanced Placement content as recommended by the College Board.

		students complete the AP exam.		
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 on 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 area providers.	Students receive high school credit 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.



Advanced Placement



AP Courses at RHS

- AP Seminar
- AP Research
- AP Biology
- AP Human Geography
- AP Microeconomics
- AP US History
- AP World History
- AP Language and Composition
- AP Literature and Composition
- AP Statistics, AP Calculus AB or AP Calculus BC
- AP Computer Science

Summary of Advanced Placement

The Advanced Placement program of study is an instructional program that engages students in advanced rigorous study in each of the core content areas as well as providing opportunities for students to enroll in elective AP courses.

In this pathway, student interests, ranging from AP Psychology to AP Music Theory or Art Studio to AP French are the focus. In 12th grade, students will learn critical independent research and evaluation skills and apply them to a self-selected topic, working collaboratively throughout the course to refine their thinking about the topic. This pathway prepares students for coursework and success in higher education.

Further information can be found at the [College Board website](https://collegeboard.org).

AP[®]

CollegeBoard
Advanced Placement
Program

Students selecting AP coursework are enrolled in the AP track for college credit. It is an expectation of this pathway that students sit for the AP exam in any AP course taken to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. The choice must be made by the midpoint of the course.

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 through 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 College Credit Plus courses must count toward high school graduation.

Reynoldsburg City Schools has partnered with colleges to provide a full menu of courses for college credit. Our college partners include:

- Columbus State Community College
- Otterbein University
- The Ohio State University
- Central Ohio Technical College
- Ohio University
- Capital University

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 the 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. 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 the [Ohio Department of Higher Education website](#). 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.

CCP Entrance 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	Accuplacer 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.

College Credit Plus FAQ	
College Credit Plus (CCP) Course Credit Equivalency	<ul style="list-style-type: none"> • Calculating equivalency of college credits is conducted in the same manner as in the high school. • College courses for which three or more semester hours of credit are earned are awarded one high school. • Fractional Carnegie units will be awarded proportionately.
How does taking a CCP Course impact my transcripts?	<ul style="list-style-type: none"> • CCP grades will appear on a student's high school transcript and will be averaged into his/her GPA. • Each CCP course is on a weighted (5.0) scale.
All CCP courses taken for college credit will start/become part of your college transcript and CCP grades will be computed into your college GPA.	<ul style="list-style-type: none"> • Classes failed or withdrawn with an "F" will receive an "F" on both the high school and college transcript. This may affect future eligibility for college financial aid. • If a student fails a CCP course, the district may request reimbursement for all money paid to the university on the student's behalf. The district may also place a hold on a student's grades/credits until reimbursed.
How do CCP courses impact my graduation eligibility?	<ul style="list-style-type: none"> • Students enrolled in CCP courses are still required to meet all Ohio graduation requirements for a high school diploma; however, some CCP courses may satisfy some subject and testing requirements. • Students enrolled in CCP Courses are still required to pass five 1-credit courses (or the equivalent, per grading, with the CCP and HS courses combined).
How do CCP courses impact my athletic eligibility?	<ul style="list-style-type: none"> • In accordance with Bylaw 4-4-1, all courses taken in College Credit Plus must count toward high school graduation. • A class should not be dropped without first consulting the counselor to determine whether it will affect athletic eligibility.
CCP Retake Guidelines	<ul style="list-style-type: none"> • A student that receives a letter grade of D or better earns credit for that course and is not eligible to have the school district pay for a retake of that course. • If a student chooses to retake a course in which a passing grade has been earned, the student 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, the school district will pay for the retake. • If a student earns a letter grade of F and the student does not fall into the category of economically disadvantaged, the district may pay for the retake if he/she meets the criteria outlined on the CCP website.
How can I get started taking CCP courses?	<ul style="list-style-type: none"> • Attend one of the scheduled College Credit Plus parent meetings and/or meet with your counselor for further direction. These meetings are held each February. • Make arrangements with your counselor to take the Accuplacer and/or ACT test if you haven't already done so.

Advanced Placement and College Credit Plus Comparison

Advanced Placement (AP)	College Credit Plus (CCP)
<p><u>Why?</u> Completion of AP courses with qualifying exam grades are accepted for credit, accelerated placement, or both by most colleges and universities.</p>	<p><u>Why?</u> Completion of CCP courses allows students to earn transcribed college credit toward a degree or career certification during high school.</p>
<p><u>What?</u> A challenging academic program designed to provide high school students with college-level academic courses. Year-long courses are offered at both high school campuses.</p>	<p><u>What?</u> An opportunity to take college courses and earn both high school and college credit. Semester-long courses are offered at both high school campuses and at the Columbus State Regional Learning Center and other area colleges and universities.</p>
<p><u>When?</u> AP courses are typically available to students at the sophomore, junior, and senior levels.</p>	<p><u>When?</u> CCP courses are available to any student in grades 7-12 who meets the admission requirements of participating colleges or universities.</p>
<p><u>Where?</u> Most courses are offered at both high school campuses, but some may only be offered at specific buildings.</p>	<p><u>Where?</u> Courses are offered in at least one high school campus; other courses can be taken on college campuses or online.</p>
<p><u>Assessments</u> At the end of each year-long course.</p>	<p><u>Assessments</u> At the end of each college or university semester.</p>



Credit Flexibility

This education option gives students a way to be in charge of their learning. Some students 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 credit flex 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 talk 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 ensures 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, and 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.

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.

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 program that students begin their sophomore year of high school.

Global Scholars Diploma Endorsement Requirements:

Sophomore Year 1	Junior Year 2	Senior Year 3
Attend two cultural events. Complete any Google classroom assignments. Attend four Global Scholars Diploma summits.  Columbus Council on World Affairs	Attend four cultural events. Complete Google classroom assignments. Attend four Global Scholars Diploma summits.	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. Complete a global issues capstone project and present at GSD capstone fair. Complete the Global Scholars Diploma student portfolio.
All Global Scholars		
1. Must be in solid academic standing. 2. Must have a passion for learning about global issues and participating in related events.		

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

High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences.

For the Academic 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.

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

Further information about diploma options can be found [here](#).

Diplomas with Honors Criteria			
Criterion	Ohio Diploma	Academic Honors Diploma	Career Tech Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher-level course or 4-course sequence that contains equivalent or higher content	4 units, Algebra, Geometry, Algebra II (or equivalent), and one other higher-level course or 4-course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science	4 units, including two units of advanced science
Social Studies	3 units	4 units	4 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	2 units of one world language studied
Fine Arts	2 Semesters	1 unit	N/A
Electives	5 units	N/A	4 units of Career Technical minimum
GPA and ACT, SAT or WorkKeys	N/A	3.5 on a 4.0 scale and 27 ACT or 1280 SAT	3.5 on 4.0 scale and 27 ACT or 1280 SAT or 12 WorkKeys
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the area of focus that is reviewed and validated by external experts
Additional Assessments	N/A	N/A	Earn an industry--recognized credential or achieve proficiency benchmark for appropriate Ohio Career Technical Competency Assessment or equivalent

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

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

Criterion	Ohio Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama or theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher-level course or 4-course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher-level course or 4-course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher-level course or 4-course sequence that contains equivalent or higher content
Science	3 units	5 units, including two 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	3 units	5 units
World Languages	N/A	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 no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	4 units	1 unit
Electives	5 units	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
GPA and ACT, SAT or WorkKeys	N/A	3.5 on a 4.0 scale and 27 ACT or 1280 SAT	3.5 on a 4.0 scale and 27 ACT or 1280 SAT	3.5 on a 4.0 scale and 27 ACT or 1280 SAT
Field Experience	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	N/A	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 Assessments	N/A	N/A	N/A	N/A

Athletic Eligibility

OHSAA Guidelines for Student Athletic Eligibility

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 high school students **MUST** be enrolled in and earn passing grades in a minimum of five one-credit courses (or the equivalent) each and every grading period to have continuing eligibility.
- 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.

Quick Reference for Protecting Student Eligibility

- Parents and students share the responsibility to comply with scholarship standards. Therefore, a student should not to drop a class without first consulting with the athletic administrator to determine whether it will affect athletic eligibility
- Any student- athlete who transfers may affect his or her eligibility. Should a student-athlete plan to transfer, contact your school principal or athletic administrator to review what affect the transfer will have on athletic eligibility.
- Be knowledgeable of the OHSAA eligibility requirements.
- Review class schedules each semester to ensure that the student-athlete is taking enough courses to meet the eligibility requirements so that he or she 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.



NCAA Guidelines

NCAA Division I academic requirements

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:



Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.



NCAA Division II Academic Requirements

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships.

Core-Course Requirement

Complete 16 core courses in the following areas:



Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.



Eastland Fairfield Career and Technical Schools Programs

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 including:

- 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

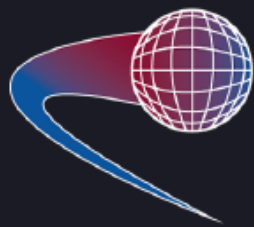
[Eastland and Fairfield Career Centers and Satellites](#) are an educational extension of Reynoldsburg High School. The Career Centers offer college preparatory and dual college credit academics in addition to nearly 40 career and technical programs designed to prepare students for college and a career. 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 exploration field trips during the fall of the tenth-grade year. Eastland-Fairfield Career and Technical School 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 that 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 recognizes 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.

Course Catalog

Icon Key

Course fulfills an elective graduation requirement.	Course fulfills a core graduation requirement.	College credit can be earned.	Course has associated fees.	New course for the 2019-2020 school year.	Course counts for NCAA eligibility.	Course leads to an industry credential.	Course is part of a career pathway.
							



English Language Arts

LA211 English 9

LA211E English 9 Enriched

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.

LA221E English 10

LA221E English 10 Enriched

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.

LA231 English 11

LA231E English 11 Enriched

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.

LA252 English 12

LA252E English 12 Enriched

Grade Level: 12

Length/Credit: 1 Semester or 1 year – ½ 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.

LA250 Contemporary Texts and Composition

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

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

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ 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

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

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

Grade Level: 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 11, 12

Length/Credit: 1 semester – ½ 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

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.

LA 239 Advanced Placement Language and Composition

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.

Extension Courses

EXRA Reading Acceleration

Length/Credit: 1 semester – ½ 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

Length/Credit: 1 semester – ½ 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

Length/Credit: 1 semester – ½ 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

Length/Credit: 1 semester – ½ 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
TESOL- English as a Second Language II
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.

ELE1001 Confidence in Communication
Grade Level: 10, 11, 12
Length/Credit: 1 semester – ½ credit
Grade: Pass/Fail



This course is designed for students that are demonstrating mastery in their Language Arts course and need additional curriculum to challenge them outside of their normal class time. This course provides students with instruction and practice to help them improve their organization, speaking, and vocabulary skills. All students will be instructed in the art of public speaking, outlining, logical reasoning and oral presentation techniques.



Fine Arts

FA001 Music Theory

Grade Level: 11, 12

Length/Credit: 1 semester – ½ credit



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.

FA022 2-Dimensional Design

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1.0 credit



This course is an introduction to the basic concepts of two-dimensional design: line, shape, space, hue, value and texture. Students will use of various media in a variety of problem-solving projects leading toward an awareness of the principles of visual organization.

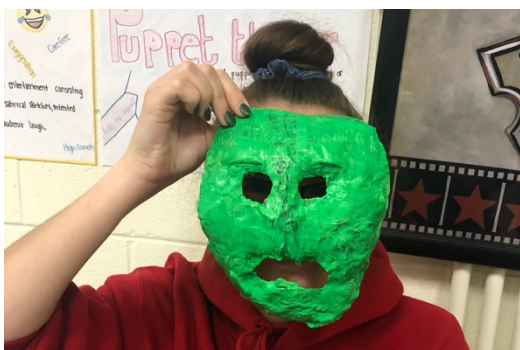
FA024 Life Drawing

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1.0 credit



Students will draw from still life, photographic references, and finally live models. Through a series of demonstrations, in-class drawing, group critiques, and individual assistance from the instructor, students will develop their ability to draw convincingly from life.



FA026 History of Art

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1.0 credit



This course is an historically based introduction to the study of visual arts in the West. Through a critical examination of the fundamental formal concepts and the historical developments in the visual arts, this course examines the visual expression of culture from the Prehistoric era to the early Renaissance.

FA030 Fundamentals of Dramatic Inquiry

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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.

FA032 Adobe Photoshop

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1.0 credit



This class provides the student with basic and intermediate level knowledge of Adobe Photoshop software. This software will enable the student to design multi-layer digital images. Intermediate to advanced level projects are used for evaluation.

FA033 Adobe InDesign

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1.0 credit



This course expands student's skill sets in Adobe InDesign. Emphasis will be placed on layout, objects, text, typography, color, creating styles, modifying graphics, creating tables, working with transparencies, and exporting a file.

FA034 Digital Software**Grade Level: 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

Digital software is designed to educate students on the ever-changing digital world, as well as to provide hands-on experience with industry standard software and equipment. Topics include operating systems, typography, vector and bitmap imaging, page layout, PDF creation and editing, timeline-based video editing, file transfer, output, web, emerging technologies, and other material relative to the digital visual arts workflow.

FA035 Media Graphics & Optimization**Grade Level: 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

From script to storyboard and special effects, students develop products focused on a central theme and purpose. Using commercial and open-source digital animation software, they create an illusion of motion that extends beyond traditional frame-by-frame footage. They learn skills and techniques involving music, animation, text, voice, photos and videos. Products are adjusted for access through computers, mobile devices, game consoles, projectors, radio and TV.

FA039 Principles of Interactive Design**Grade Level: 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

This class introduces students to the products, tools, and environment of the interactive multimedia profession. The course covers elements of communication, marketing, Web development, digital media and graphic design. The focus is then on designing, choosing software and scripting the interactive media project.

FA038 History of Rock & Roll**Grade Level: 9, 10, 11, 12****Length/Credit: 1 semester – ½ 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.

FA041 Storyboarding**Grade Level: 10, 11, 12****Length/Credit: 1 year – 1.0 credit**

This class will focus on storyboarding and developing ideas as key pre-production tools for narrative animation, film, and gaming projects. The lectures, class work, and assignments will help students to expand their own cinematic drawing techniques, and help them to develop clear and dynamic stories for the screen. Students will develop their personal style of boarding and complete a comprehensive pre-production blueprint for a project of their own choice.

FA075 Women's Chorus**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

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

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

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

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 3-31/2) 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

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

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

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

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 Concert 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.

FA101 Intro to Music Theory

Grade Level: 10, 11, 12

Length/Credit: 1 year — 1.0 credit



Students will learn how to read, write, analyze, and perform music in preparation for music theory courses after high school. Music theory is a class designed for the advanced musician to more thoroughly understand the components of music and music composition. Students will also be able to compose music and understand the guidelines used in music composed by others. It is preferred that students can already read music and have been a member of one of our music ensembles before taking this course, but it is not required.

FA103 Fab Lab I

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester — ½ 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.



FA104 Fab Lab II

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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. Students must attend assigned school activities and spend extended periods of time finalizing deadlines. It is the student's duty as yearbook staff to cover all events of the



school year.

FA121 Becoming a Recording Artist

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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
Grade Level: 9, 10, 11, 12
Length/Credit: 1 semester – ½ 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.

FA300 Digital Video Production 1
Grade Level: 10, 11, 12
Length/Credit: 1 year – 1.0 credit



Digital video production will introduce students about how to use the power of audio and video to communicate. Topics covered include basic digital audio and video editing in a non-linear environment, basic shooting and camera work, production planning, importing of assets, and exporting to the Web.

FA301 Digital Video Production 2
Grade Level: 10, 11, 12
Length/Credit: 1 year – 1.0 credit



Students will learn advanced applications of the production process. Students will analyze specific genres; write an appropriate script for the genre, storyboard, and produce a genre-focused video in a collaborative setting. In addition to genre storytelling, students will learn the proper audio and video aesthetics using a single camera for telling a specific story. Image capture and editing at a digital workstation will be highlighted.

FA302 Digital Audio Recording & Production
Grade Level: 10, 11, 12
Length/Credit: 1 year – 1.0 credit



Students will develop an understanding of the relationship of audio production to various related media including multimedia and internet streaming (Podcasting). The course is structured around editing in a non-linear environment and the associated standard digital editing practices. Students will learn how to utilize a digital audio workstation and field recording devices in a typical production environment.

FA303 Digital Software Fundamentals
Grade Level: 10, 11, 12
Length/Credit: 1 year – 1.0 credit



An examination of the digital tools used in the visual arts. Students are exposed to the theory and function of the major software packages and basic digital design principles utilized in the visual arts. Topics include operating systems, typography, vector and bitmap imaging, page layout, PDF creation and editing, timeline-based video editing, file transfer, output, web, emerging technologies, and other material relative to the digital visual arts workflow.

FA1101 Art I
Grade Level: 9, 10, 11, 12
Length/Credit: 1 semester – ½ credit
Prerequisite: Successful completion of Art and Media or Art Inquiry or have never taken an art



In this course students will integrate the characteristics of the tools of a selected media in original artworks to support artistic purposes. Students will use drawing techniques to render objects (with highlights, shadows & a light source) in their artwork, and use hierarchy, proportion and overlapping to create depth. Students will use various perspective drawing techniques

to suggest depth, emphasizing the subject of the artwork and making it aesthetically pleasing to the viewer by arranging the composition. Students will create from observation and imagination, and analyze how the principles are combined to communicate meaning in the creation of, presentation of, or response to visual artworks. And most importantly students will develop 8 Studio Habits of Mind.

FA1102 Art II

Grade Level: 9, 10, 11, 12

Length/Credit: 1 year – 1.0 credit

Prerequisite: Successful completion of Art I, Art and Media, or Art Inquiry and 2-Dimensional Foundations



In this course students will integrate the characteristics of the tools of a selected media in original artworks to support artistic purposes. Students will explore the importance of color theory, tints, tones, shades, color schemes and how to create value and intensity when using color. Students will emphasize the subject of their artwork and make it aesthetically pleasing to the viewer by how they arrange their composition. Students will explore creating from observation as well as creating from their own imaginations. Students will use various painting and drawing techniques to suggest value, depth and implied texture. Most importantly, students will use the 8 Studio Habits of Mind.

FA1103 Art III

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1.0 credit

Prerequisite: Successful completion of Art I and Art II, Art and Media or Art Inquiry, 2-Dimensional Foundations, 3-Dimensional Foundations and 1 year of Professional Portfolio



In this course students will continue to integrate the tools of a selected media in original artworks to support artistic purposes. Students will demonstrate the



importance of color schemes in their ability to engage the viewer. They will explore creating from observation as well as creating from their own imaginations. Students will explore and utilize various painting techniques to suggest value, depth, texture and emotion in their work. They will successfully utilize the principles of design to organize and showcase the elements of art. Students will explore different types of hand-building and glazing techniques, and apply the principals and elements of art to 3-dimensional forms through exploration of various sculptural techniques. Students will explore career opportunities in the arts via various research projects. They will successfully apply the 8 Studio Habits of Mind daily.

FA1104 Art IV

Course Number: 029902

Grade Level: 11, 12

Length/Credit: 1 year – 1.0 credit

Prerequisite: Successful completion of Introduction to Art and Media, Art I, Art II, and Art III, Art and Media or Art Inquiry and 2-Dimensional Foundations, 3-Dimensional Foundations, and Professional Portfolio.



In this course students interested in a rigorous and focused study in art will develop a quality portfolio that demonstrates a mastery of concept, composition, execution and theme. This course is based on creating a body of work demonstrating quality, concentration and breadth that can be submitted in a college and/or scholarship portfolio. Students will be expected to spend a considerable amount of time outside of class in order to complete portfolios, homework and sketchbook assignments. This course is a Capstone event and each student will be expected to contribute 4 original works of art for display during the Encore Night of Arts and create an Artist Statement for their body of work. Students will also be expected to utilize the 8 Studio Habits of Mind with success every day.

FA118 Advanced Art-Painting

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. Students 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

Grade: 11, 12

Length/Credit: 1 year – 1.0 credit



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



FAR1001 Encore Performance Troupe
Grade Level: 10, 11, 12
Length/Credit: 1 semester – ½ credit
Grade: Pass/Fail



This course is designed for students that are demonstrating mastery in theatre and performing arts and need additional curriculum to challenge them outside of their normal class time. This class will challenge students to learn and grow as they develop expression and performance skills. Students will use this time to prepare for Encore productions.

FA005W Art History
Grade: 11, 12
Length/Credit: 1 semester – ½ 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
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 and Awareness projects in Reynoldsburg Schools.

FAR1002 A History of Film
Grade Level: 10, 11, 12
Length/Credit: 1 semester – ½ credit
Grade: Pass/Fail



This course is designed as a complement to theater courses and will focus on the history of film, important terminology, and how different groups have been portrayed through time. Students will learn to critically analyze iconic and Academy Award-winning films and how they have impacted American culture.



COTC Digital Media Design Pathway Courses

DMD100 Visual Creation

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



A keen eye for detail, art elements, design principles and styles of art are essential to the world of visual communications.

Students learn proper composition with such principles as color theory, typography and drawing. They create designs targeted for the Internet and for two- or three-dimensional products while adhering to copyright laws and deadlines.

DMD104 Digital Print Design

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



This course is an introduction to digital design with emphasis on the basic principles, methodologies, and skills important to 2D digital design. Starting with understanding target audiences, demographics, product shelf life and sustainability students create designs for two- or three-dimensional products. Using workflow processes, students lay out newsletters, posters, business cards and other products. They create logo and package designs for corporate branding, marketing and advertising.

DMD103 Typography

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



This course is an introduction to the history of type and the use of the letterform in digital design. The student will use software tools to develop a creative understanding of and a technical competence in using type as both a holder of content and an integral part of digital design.

DMD105 Photographic Composition

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



Aesthetics and techniques are essential to producing a good photograph. This course focuses on capturing and manipulating images in digital photography with some skill development in darkroom film processing, printing and enlarging. Topics include camera functions, mechanics of image capture, image manipulation, and print production. Students shoot photographs in various studio and indoor and outdoor settings.

DMD108 Multimedia Production I

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



From script to storyboard and special effects, students develop products focused on a central theme and purpose. Using commercial and open-source digital animation software, they create an illusion of motion that extends beyond traditional frame-by-frame footage. Students learn skills and techniques involving music, animation, text, voice, photos and videos. Products are adjusted for access through computers, mobile devices, game consoles, projectors, radio and TV.

DMD120 Multimedia Web Production

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



The focus of this course is on merging different types of media on the Internet. Students combine text, still photography, audio, videography and graphic arts to create interactive Web pages. They demonstrate creative, digital storytelling accessible from multiple platforms. Students learn project

Mathematics

MA512 Integrated Math I
MA512E Integrated Math I Enriched
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.

MA522 Integrated Math II
MA522E Integrated Math II Enriched
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.

MA523 Integrated Math III
MA523E Integrated Math III
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).

MA511 Algebra I
MA511E Algebra I Enriched
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.



MA521 Geometry
MA521E Geometry Enriched

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.

MA532 Advanced Algebra with Financial Applications

MA532E Advanced Algebra with Financial Applications Enriched

Grades: 11-12

Length/Credit: 1 year – 1.0 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.

MA552 Modeling and Quantitative Reasoning

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.

MA534 Trigonometry

MA534 Trigonometry Enriched

Grade Level: 11

Length/Credit: 1 year – 1.0 credit

Prerequisite: Algebra II or Integrated Math II

Graphing calculator (TI-84) required



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.

MA541 Pre-Calculus

MA541E Pre-Calculus Enriched

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.

MA551 Discrete Mathematics

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.

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 Placement Courses

MA561 AP Calculus AB

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

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.

MA567 AP Calculus BC

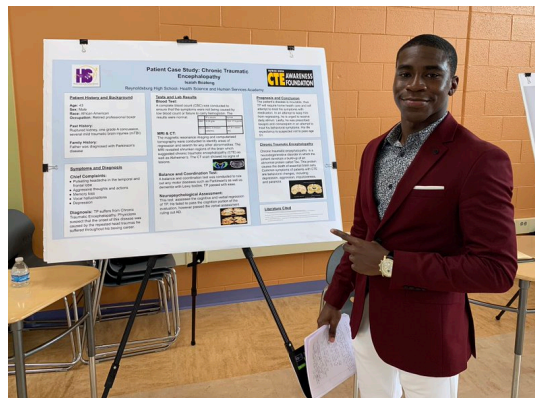
Length/Credit: 1 year – 1.0 credit

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.

Extension Courses

EXAM Math Acceleration

Length/Credit: 1 semester – ½ credit

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 – ½ credit

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.

**ELE1002 Problem Solving
and Programming in Virtual Reality**

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit

Grade: Pass/Fail



After investigating problems that can be solved using virtual reality, students collaborate to create, design, write, debug, and test solutions through programming with virtual reality software. Concepts and programming techniques will be taught as tools to reach goals.

ELE1004 Advanced Problem Solving

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit

Grade: Pass/Fail



This course is designed for students that desire to enrich their problem-solving skills, especially in regards to mathematics and interdisciplinary problem-based projects. This class will focus on using the engineering design process to approach advanced problems relating to mathematics using interdisciplinary problem-solving contest materials and pure mathematics contest materials. Skills will be demonstrated through participation in the COMAP high school contest and OCTM mathematics competition.

Science

SC203 WeatherSTEM

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

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 illustrate the interrelationships between the various forms of clean energy.

SC611 Physical Science

SC611EN Physical Science Enriched

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 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.

SC621 Biology

SC621E Biology Enriched

Grade: 9, 10

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 though 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.

SC631 Chemistry

SC631E Chemistry (Enriched)

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.

SC202 Chemistry II

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

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

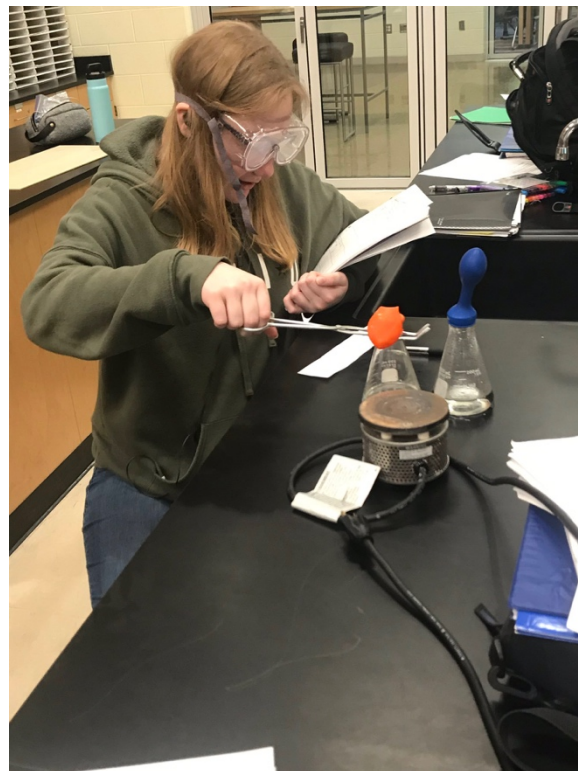
Grade: 11, 12

Length/Credit: 1 semester – ½ 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

Grade: 10, 11, 12

Length/Credit: 1 semester – ½ 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

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

Grade: 10, 11, 12

Length/Credit: 1 semester – ½ 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. 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. By providing educational classes in these areas, students are able to receive the proper knowledge and information in order to live healthy.

SC644 Physics

SC648 Physics Enriched

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 real-world application.

Advanced Placement Courses

SC625 AP Biology

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.

SC639 AP Chemistry

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.

SC645 AP Physics

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.

SC649 AP Environmental Science

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.



Extension Courses

SC621SI Science Intervention

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 – ½ credit

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 – ½ credit

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
Project Lead the Way Bodies**

**SC632 Biomedical Science Bodies
Program**

Grade: 11, 12

Length/Credit: 2 years – 3.0 credits

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.





SC633 Human Body Systems
Grade: 11, 12
Length/Credit: 1 year – 1.0 credit

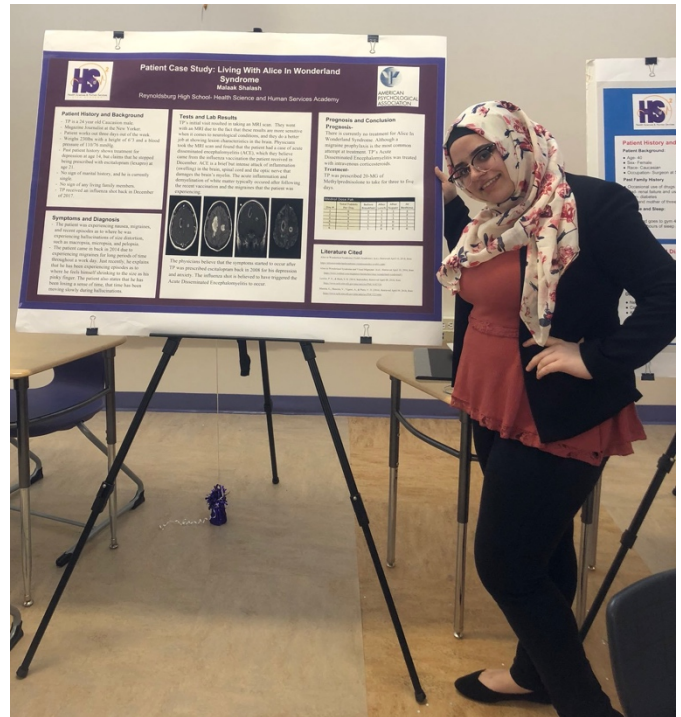


Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex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

SC742 Principles of Biomedical Science
Grade: 11, 12
Length/Credit: 1 year – 1.0 credit



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.



Agriculture and Food Science Pathway Courses

SC620 Intro to Agriculture and Food Science

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



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

SC622 Science and Technology of Food

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1.0 credit



Students will examine the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine nutrient content and their chemical makeup, while applying principles of chemistry to the development of food products. They will examine and implement food safety, sanitation, and quality assurance protocols. Government regulations and food legislation will be examined and the implications to food science and technology will be identified.

SC623 Food Marketing and Research

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



Learners will focus on the stages of the research process from research planning to gathering, analysis, and interpretation of

data as it relates to food marketing management. Learners will apply knowledge of food additives, nutrition, mixes and solutions to enhance existing food products and to create new processed foods. Learners will identify and describe the impact that technological advances have on food production and availability. Cultural trends and preferences affecting product development will be examined.

SC624 Applications of Food Science and Safety

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



Learners demonstrate principles and practices of food safety, processing and packaging to develop solutions for problems in food production, handling and storage. Learners will examine a full range of food processing techniques. Learners will examine the process of food product development and techniques used to measure food sensory aspects, shelf life and food stability. Learners will examine government regulation impact on labeling, new packaging technologies, harvesting, transportation, and the environment. Food laws, regulations and regulatory and commercial grading standards will be examined.

SC662 Introduction to Horticulture and Plant Bioscience

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



This first course in the pathway focuses on the knowledge and skills required to research, develop, produce and market agricultural, horticultural, and native plants and plant products. Students will apply principles of plant physiology and anatomy, plant protection and health, reproductive

biology in plants, plant nutrition and disorders to the management of soils and plants. Throughout the course, students will learn communication, leadership, and business management skills reflective of the industry.

SC663 Greenhouse and Nursery Management

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized.

SC664 Urban Forestry

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



Students will apply techniques and practices promoting the care and management of trees for residential and commercial purposes. Topics include principles of soil management, dendrology and pest management. Students will analyze budgets; and develop short and long-range management plans that balance environmental and economic goals supporting sustainable land use patterns.

SC665 Turf Science and Management

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



Students will apply principles of science, engineering, and business to support the establishment and maintenance of residential, athletic and recreational turf. Students will learn techniques for the establishment, care, production, and marketing of turf grass along with safe operation and maintenance of specialized equipment.



Computer Science

SC602 Exploring Computer Science

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 AP Computer Science Principles

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.

SC634 AP Computer Science A

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.



Engineering Science

SC610 Intro to Engineering Design

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.

SC612 Biomedical Engineering

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



Students learn the use of cell culture techniques for bioscience research and commercial applications. Topics include cultivation of cell lines, bench-top fermenter management, detection of contamination, and an introduction to bioassays. Students will use microbiological techniques to manipulate, evaluate, and study cell growth. Focus will be on media formulation, preparation, autoclaving, and clean up procedures for the vessel and accessories.

SC613 Energy Systems Management

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1 credit



Students will apply basic principles of energy accounting, thermodynamics and heat transfer, energy conversion and efficiency to heating, power generation and transportation. Students will apply the principles and practices needed for managing renewable and non-renewable energy resources. Throughout this course, future energy systems and energy use

scenarios are investigated, with a focus on promoting the use of renewable energy resources and technologies.

FA050 Design Appreciation

Length/Credit: 1 semester – 1.0 credit

Grade Level: 9, 10, 11, 12



This 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 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 Engineering Design

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. 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.

FA059 Computer Assisted Design I

Grade Level: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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.

FA060 Computer Integrated Manufacturing (CADII)

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.

ELE1010 Myth-Busting Movie Science

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit

Grade: Pass/Fail



This course is designed for students demonstrating mastery in their science course and need additional curriculum to challenge them outside of their normal class time. This class will focus on analyzing the accuracy of science concepts depicted in the set design, art, props, and dialogue of films.

FAR1003 Digital Literacy

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit

Grade: Pass/Fail



This course is designed for students who are interested in increasing their digital literacy through project-based, online training. This class will focus on learning the ins and outs of computer applications used daily by adults in today's business world.



Humanities

SS711 World History **SS711E World History Enriched**

Grade: 9

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.

SS720 American History **SS720E American History Enriched**

Grade: 10

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 emphasizes the relative nature of history through the study of point of view and perspective in US and world affairs.

SS741 American Government **SS741E American Government Enriched**

Grade: 11, 12

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.

SS749 Microeconomics

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.

SS753 Sociology

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

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

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade: 10, 11, 12

Length/Credit: 1 semester – ½ 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.

SS202 History of American Sports

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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.

SS784 Globalization

Grade: 11, 12

Length/Credit: 1 semester – ½ credit



This course examines contemporary social, political, economic, and environmental issues in the 21st century world, with particular emphasis on the impact of globalization. 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.

SS800 Revolutions

Grade: 9, 10, 11, 12

Length/Credit: 1 year – 1.0 credit



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.

SS735 Law and Public Policy

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.

SS785 World Issues and Solutions

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.

SS102 Leadership Theory

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. Students enhance their skills through reading, discussions, case analysis, in-class exercises, and discourse with experienced leaders.

PC100 Peer Collaboration

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. Work will be conducted in the classroom assisting the teacher and assisting students in their daily work.

SS1050 Human Interactions in Society

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit

Grade: Pass/Fail



This course is for students who are looking to become immersed in the social behaviors and understandings of society as a way of understanding the world. Sociology is a field of study that explains social, political, and economic phenomena in terms of social structures, social forces, and group relations. During this course we will focus on several major sociological topics and themes, including socialization, culture, the social construction of knowledge, deviance and self-control, social movements, collective behavior, inequality, race and ethnic relations, poverty, and political sociology.

CCR02 College and Career Readiness 2

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1 credit



Students will explore educational and career information to learn more about themselves and their interests and abilities. Students

integrate skills from academic subjects, information technology, and interpersonal communication to make informed decisions. This course is designed to guide students through the process of investigation and in the development of a college and career readiness achievement plan.

CCR03 College and Career Readiness 3

Grade Level: 10, 11, 12

Length/Credit: 1 year – 1 credit



This class is a continuation of College and Career Readiness 2. Students will focus on skills including college essays, resumes and job applications, and planning for post-secondary success.

ELE1003 Public Policy and eSTEM

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit

Grade: Pass/Fail



This course is designed for students demonstrating mastery in their English Language Arts, Social Studies/Government, Environmental Sciences, and/or World Languages curriculum to challenge them outside of their normal class time. This class will focus on developing students' understanding of public policy, the policy-making process in the United States, and frameworks applicable to policy analysis. Students will examine, analyze, critique, and propose improvements for current policies pertinent to the environment, scientific advancements, and/or technology.

ELE1001 Hope Squad

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit

Grade: Pass/Fail



This course is designed for students that are demonstrating mastery in their core academic courses and need additional curriculum to challenge them outside of their

normal class time. This class will focus on training student leaders, learning social and emotional awareness, and learning advocacy techniques. These skills will actively be used to build positive school culture.

Advanced Placement Courses

SS743 AP US Government and Politics

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.

SS737 AP US History

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 Unsystemically. 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.

SS754 AP Microeconomics

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.

SS777 AP Human Geography

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.

SS1001 AP Psychology

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. 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 and treatment of abnormal behavior ideas.

COTC Law and Criminal Justice Pathway Courses



LET100 Intro to Criminal Justice

Grade Level: 10, 11, 12

Length/Credit: 1 semester – ½ credit



During this introductory course the student will examine the Criminal Justice System, including the role of the Police, the Courts, and the Correctional system. Students will study criminal behavior and apply constitutional and criminal law to crime and punishment. Students will learn law enforcement terminology, classifications and elements of crime, and how various court systems are used to judge and punish offenders.

LET105 Ethics in Criminal Justice

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



This course is designed to offer the student a thematic perspective for making ethical decisions in criminal justice. The student will be introduced to the fundamentals of ethical theory, doctrines, and controversies, and

the rules of moral judgment. The student will examine ethical principles common to all components of the discipline, such as wisdom, goodness, morality, and justice, as well as the common vices of deception, racial prejudice, and egotism.

LET110 Constitutional Law & Courts

Grade Level: 11, 12

Length/Credit: 1 semester – 1.0 credit



This course will focus on the study of the court systems in the United States and the study of the U.S. Constitution. Topics will include the Bill of Rights and court cases that are affected by the Bill of Rights. The student will study cases related to the First, Fourth, Fifth, Sixth, Eighth, and Fourteenth Amendments.

LET120 Criminal Law and Procedure

Grade Level: 11, 12

Length/Credit: 1 semester – 1.0 credit



The student will study the criminal code, pre-trial, trial, and post-trial procedures used in the law. The student will be able to recognize violations of the law, the appropriate statutes pertaining to these violations, and apply the procedures in scenarios and written work.

LET126 Basic Investigations

Grade Level: 11, 12

Length/Credit: 1 semester – 1.0 credit



The emphasis of this course will deal with basic investigative techniques and procedures. The student will learn the fundamentals of obtaining evidence from witnesses and crime scene searches. The student will establish corpus delicti and how to prepare the necessary reports associated with the crime scene.

COTC Education and Training Pathway Courses

EDU101 Introduction to Education

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



In this first course in the pathway, students will examine the history and philosophy of early childhood education, types of early childhood programs, and the roles, rights and responsibilities of learners and stakeholders in early childhood education. The student will engage in a variety of experiences that will explore the purposes of schools in society and the knowledge, dispositions and skills required to be an effective teacher. Observation sessions will be required in various grade levels.

Prerequisite: BCI & I State and Federal with no convictions that would prevent participation with children in a school or center-based setting.



ECE130 Health & Safety in Education

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



Students will establish and maintain a physically and emotionally safe and healthful environment for young children. They will learn skills in first aid and CPR, identify signs and symptoms of common health issues and diseases, and develop meal and snack menus appropriate for young children of different ages and stages of development. The effects of nutrients on children's growth and development will also be emphasized.

ECE141 Child Development

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



This course will include student understanding of young children's characteristics, needs, multiple influences on development and learning. The student will utilize knowledge of development to create healthy, respectful, supportive and challenging learning environments based on children's learning styles; stages of social, emotional, cognitive and physical development. Birth through adolescent development will be examined. Ten hours of observation and contact with a family and an early childhood program is required to complete a comprehensive Family and Child Study.

ECE160 Integrated Curriculum
Grade Level: 10, 11, 12
Length/Credit: 1 semester – 1.0 credit



The student will explore the theories, techniques and approaches to planning and implementing learning experiences for young children. Concepts of play, appropriate practices, documentation, assessment and inquiry-based learning experiences will be addressed and practiced. They will determine curricular goals, create lesson plans, and employ observation and assessment strategies to evaluate children's growth and development. Application of foundational principles of reading, writing, speaking, and listening skills to enhance the learner's application of literacy will be emphasized. The student will be required to work collaboratively with peers and children in a child care setting.



Business and Marketing

BU111 Business Foundations

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

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 R-Design Operations Management

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

Grade: 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade: 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

Grade: 10, 11, 12

Length/Credit: 1 semester – ½ 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.

BU149 R-Design: Art

Grade: 10, 11, 12

Length/Credit: 1 year – 1.0 credit



Interested in learning how to design logos using Adobe Photoshop & Illustrator, screen print, use QuickBooks or run a school business? Students will design and create sportswear for a variety of people and purposes.



World Languages



FL33 American Sign Language I

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!

FL34 American Sign Language II

Grade: 9, 10, 11, 12

Length/Credit: 1 year – 1.0 credit



In American Sign Language II, students will expand on their receptive and expressive

signing skills and continue acquisition of the fundamentals of applied grammar. ASL is a visual language and therefore regular attendance and participation are mandatory!

FL321 French I

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

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

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

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

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

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

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.

FL3110 Spanish IV

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. 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.

FL315 Mandarin Chinese I

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

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

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.

FL316 Mandarin Chinese IV

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

FL311 AP Spanish

Grade: 11, 12

Length/Credit: 1 year – 1.0 credit

Prerequisite: Spanish III



The AP Spanish Language and Culture course is designed to be comparable to fourth semester (or the equivalent) college/university courses in Spanish. Students to demonstrate their level of Spanish proficiency across the three communicative modes (Interpersonal, Interpretive and Presentational) and the five

goal areas (Communication, Cultures, Connections, Comparisons and Communities).

FL317 AP Chinese

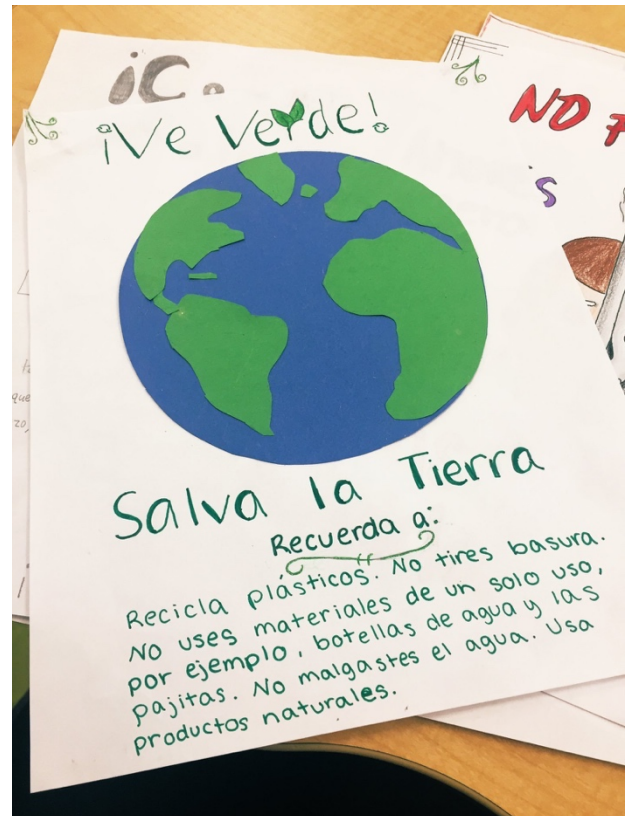
Grade: 11, 12

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).



Health and Physical Education

PE401 Physical Education I

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ¼ 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 counselor and implemented outside of the school day. Activity logs are required.

PE402 Physical Education II

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ¼ 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

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ¼ 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

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ¼ credit



This elective course is designed for students who would like to 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.

PE222 Coaching and Officiating

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ¼ 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. 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

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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

Grade: 10, 11, 12

Length/Credit: 1 semester – ½ 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 with online material, class discussions, guest speakers, and a lab setting practicing first aid techniques discussed and demonstrated in class. 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

Grade: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



This course teaches practical, real-world skills that students will find useful as they become adults. Reading, writing, projects, and presentations will be required, along

with a heavy emphasis on Internet research skills. Topics covered will vary based on student needs, but may include the following areas: financial literacy (taxes, credit cards, budgeting); social situations (manners, weddings, dinners); professional skills (clothing, people skills, grooming); domestic skills (sewing, cooking, car care).

PE008 Wellness Through the Arts: Ballet

Grade: 9, 10, 11, 12

Length/Credit: 1 semester – ½ 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
Grade: 9, 10, 11, 12
Length/Credit: 1 semester – ½ 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
Grade: 9, 10, 11, 12
Length/Credit: 1 semester – ½ 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
Grade: 9, 10, 11, 12
Length/Credit: 1 semester – ½ 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
Grade: 9, 10, 11, 12
Length/Credit: 1 semester – ½ 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 or Internship

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.

LET300 Law and Public Safety Capstone or Internship

Grade Level: 12

Length/Credit: 1 semester – 1.0 credit



The course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Law and Public Safety in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience.



**ECE300 Education and Training
Capstone or Internship**

Grade Level: 12

Length/Credit: 1 semester – 1.0 credit



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



SC654 Biomedical Engineering Capstone

Grade Level: 12

Length/Credit: 1 year – 1.0 credit



The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Engineering program in a more comprehensive and authentic way. Capstones often include

project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

BU121 Marketing Capstone

Grade Level: 10, 11, 12

Length/Credit: 1 semester – 1.0 credit



Students will apply knowledge, attitudes and skills that were learned in a Marketing program in a more comprehensive and authentic way in this capstone course. Capstones often include project-/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

**SC709 Allied Health and Nursing
Capstone**

Grade Level: 12

Length/Credit: 1 semester – 1.0 credit



The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Health Sciences program in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

SC710 Horticulture and Plant Bioscience Capstone

Grade Level: 12

Length/Credit: 1 semester – 1.0 credit



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

SC655 Food Science Capstone

Grade Level: 12

Length/Credit: 1 year – 1.0 credit



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



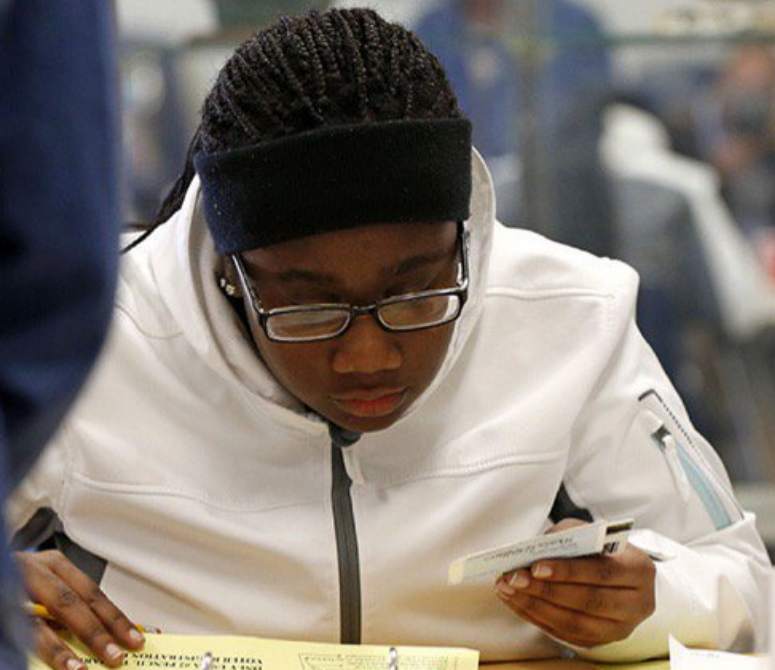
SC657 Biomedical Science Capstone

Grade Level: 12

Length/Credit: 1 year – 1.0 credit



The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Health Sciences program in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.



MANAGER'S