

Encore Academy @ Reynoldsburg High School



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Summit Campus
8579 Summit Road
Reynoldsburg, OH 43068

General Information

Subject and Course Selection Guidelines

- Reynoldsburg High School follows a policy of nondiscrimination in terms of age, race, color, sex, creed, religious affiliation, or ethnic origin in all programs.
- Reynoldsburg High School operates with a maximum of an eight period day.
- Students must register for a minimum of five class periods each semester.

Scheduling For Athletic/Extracurricular Eligibility

- The Reynoldsburg Board of Education policy on extracurricular eligibility requires students to be enrolled in and passing a minimum of **five one-credit courses** or the equivalent which count toward graduation and earn at least a **1.75 GPA** in the previous nine weeks grading period in order to be eligible for extracurricular activities.

Requirements for Promotion

Students in grades 9-12 shall be assigned to a grade level based on the number of credits previously earned.

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

Computation of Class Rank

Encore Academy does not rank their students.

Transfer Credits

Within Reynoldsburg City Schools – Any credit award made within Reynoldsburg High School regardless of academy is concurrently awarded across all high school academies. If a student from Bell Early College Academy transfers to Encore, all credits earned at Bell apply equally to graduation from Encore.

Transfer from a High School that is NOT a part of Reynoldsburg City Schools – Any student who transfers to Encore from a public, private, or community 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.

Mastery

Reynoldsburg Encore Academy believes that it is our responsibility to assure that when a student completes a course, they are college and/or career ready. This

means that we will persist in the work required to help a student know and be confident with the level of knowledge and skill required to be successful in the next course or outcome.

Students enrolled in any core subject are required to achieve mastery of the performance standards as measured through a percentage achievement of 70% or higher to receive credit. Students are required to demonstrate mastery through a combination of performance tasks, quizzes and tests. Additionally, a student must place either "College Ready" on the ACT End of Course Exam (if available) or meet mastery on the teacher generated end of course assessment.

If a student does not complete a core course at mastery, the student may continue study in that subject/course without penalty by receiving an "I" or incomplete. Each student may attempt any course up to three times. If a student and their parent or guardian so chose, an award of "D" may be made through a mastery waiver at the completion of any attempt.

Drop Course

Students may opt to drop a course at no penalty to their grade under the following conditions:
The course is dropped within the 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. WF negatively impacts GPA.

Early Graduation

Students who desire to graduate from Encore in three years or less 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.

Counselors will work closely with the student and his/her parents to develop a program, which is 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.

State-Mandated Testing

Students must pass all five sections of the Ohio Graduation Test which is first administered during the 10th grade year to be eligible for graduation

Graduation Requirements

Minimum Graduation Requirements (by credits)

| | Class of 2014 & Beyond | Career Center Class of 2011-2014 |
|------------------------|--|---|
| English | 4 credits | 4 credits |
| Social Studies | 4 credits (Must include one credit of American History, one credit of World History, one credit of Government. Students must receive instruction in Financial Literacy which will be integrated into one or more social studies.) | 3 credits (Must include one credit of American History, one credit of World History, one credit of Government) |
| Science | 3 credits (Must include one credit of Physical Science and one credit of Life Science) | 3 credits (Must include one credit of Physical Science and one credit of Life Science) |
| Mathematics | 4 credits * (Must include one credit of Algebra 2) *Encore students are encouraged to take math every year of high school as a college readiness standard. Additional math classes count toward graduation and are considered under the elective category. | 3 credits (Must include one credit of Algebra 2) |
| Health & PE | 1 credit total (2 semesters of PE or 2 complete seasons of sports participation, cheerleading or marching band) | 1 credit total (2 semesters of PE or 2 complete seasons of sports participation, cheerleading or marching band) |
| Electives | 5 credits <u>Students are strongly suggested to take at least 2 years of a foreign language</u> (Electives must include Internship/Capstone, at least two (2) semesters of fine arts) | 7 credits <u>Students are strongly suggested to take at least 2 years of a foreign language</u> (Electives must include Internship/Capstone, at least two (2) semesters of fine arts) |
| Requirement | Minimum of 21 credits | Minimum of 21 credits |

Required coursework to meet the above requirements:

- 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.
- Students must pass all parts of the Ohio Graduation Test.
- Special programs, such as special education or career education at Eastland/Fairfield Career Center, shall meet the requirements for graduation in accordance with the program standard as established by the Ohio Department of Education and the Reynoldsburg Board of Education.

Recommended Core Course Offerings by Grade Level

Grade 9 Core Coursework

English 9

World History

Math Course (Algebra, Geometry)

Science Course (Physical Science, Biology)

Arts Elective

Grade 10 Core Coursework

English 10

American History

Math Course (Geometry, Alg 2)

Science Course (Biology, Chemistry)

Nature of the Arts

Grade 11 Core Coursework

English 11 or AP Language & Composition

Government or AP Government

Math Course (Alg 2, Pre-Calculus Enriched)

Science Course (Chemistry, Earth/Space, Physics)

PSEO coursework (if qualified)

Capstone Pathway Preparation

Grade 12 Core Coursework

English 12/ AP Literature & Composition /CSCC

Thesis 21st Century Citizen

Math Course (College Prep Math, AP Calculus)

Science Course (Earth, Chem, AP Chem, Physics)

PSEO coursework (if qualified) or Encore coursework

Capstone / Mentorship Pathway

Communication

Performance

Visual

Blended Learning Enrichment Opportunities

Blended Learning Enrichment Opportunities are developed each quarter based upon student interest, context and need. Most include an academic or design challenge and have external measures. The courses are delivered in a blended fashion. Examples: ACT Boot Camp, Intro to Hydroponics, History of Innovation

Non-Core Coursework Choices

| | |
|--|--|
| Foreign Language Electives (Three credits required for Honors Diploma) | Visual Art Electives (Fine Arts Requirement Option) |
| Band Electives (Fine Arts Requirement Option) | Communications Electives |
| Orchestra Electives (Fine Arts Requirement Option) | Flex Credit Courses Designed by Student and Teacher Agreement |
| Chorus (Fine Arts Requirement Option) | Online Course Options |
| Health – 0.5 Credit <i>Course Required for High School Graduation</i> (On-line or Summer School Only) | Physical Education – <i>Two 0.25 Credit Courses or PE Waiver Required for Graduation</i> (On-line, Flex Credit or Summer School Only) |

Awards and Recognition

Raider Scholar

RHS will recognize all seniors who maintain a minimum **3.2 GPA** or better for the first semester including semester exam grades.

Distinguished Raider Scholar

RHS will recognize all graduating seniors with a **3.8 GPA** at the end of the 7th semester of high school as a Distinguished Raider Scholar.

Graduates are recognized with medallions worn at Commencement.

*Valedictorian

Any senior with an overall grade point average of **4.00 or above** after completing the final semester of their graduating year, will be designated as valedictorian.

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.

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 or 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.

State of Ohio Award of Merit (Class of 2011-2013)

The State Board of Education recognizes outstanding seniors with the Award of Merit certificate for achieving excellence in a college preparatory or career-technical curriculum. To receive the State of Ohio Award of Merit, students must meet all criteria in sections A and C or B and C.

- A. College Prep requirements
 1. Earn four credits of English
 2. Earn three credits of math, which shall include at least Algebra and Geometry
 3. Earn three credits of science, which shall include at least two from Biology, Chemistry, or Physics
 4. Earn three credits of social studies.
 5. Earn three credits of the same foreign language or two credits each of two languages.
 6. Earn two credits from one or more of the following; a) business, b) computer science, c) visual or performing arts OR 2 additional credits from one or more of items 1-5 listed above
- B. Career-Technical Requirements
 1. Complete a career technical occupational preparation program
 2. Earn four credits of English
 3. Earn three credits of math
 4. Earn three credits of science
 5. Earn three credits of social studies
 6. Earn two credits from one of the following; a) business, b) computer science, c) foreign language, d) visual or performing arts OR 2 additional credits from one or more of items 1-5 listed above.
- C. Performance Criteria (this must be met with either section A or B).
 1. Maintain above average attendance for grades 9-12.
 2. Demonstrate outstanding achievement with either an overall grade point average of 3.25 after 7 semesters or ranking in the top 25% of the class.

State of Ohio Honors Diploma

| Subject | Academic Diploma with Honors for Classes 2011 and Beyond | Career-Technical Diploma with Honors for Classes 2012 and Beyond |
|--|---|--|
| English | 4 units | 4 units |
| Mathematics | 4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content | 4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content |
| Science | 4 units, including physics and chemistry | 4 units, including two units of advanced science **** |
| Social Studies | 4 units | 4 units |
| Foreign Language | 3 units (must include no less than 2 units for which credit is sought), i.e., 3 units of one language or 2 units each of two languages | N/A |
| Fine Arts | 1 unit | N/A |
| Electives | N/A | 4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit |
| Grade Point Average | 3.5 on a 4.0 scale | 3.5 on a 4.0 scale |
| ACT/SAT Score [excluding scores from the writing sections]* | 27 ACT / 1210 SAT | 27 ACT / 1210 SAT |
| Additional Assessment | N/A | Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent |

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

- ½ unit physical education**
- ½ unit in American history
- ½ unit health
- ½ unit in government

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

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

Students must successfully complete **the high school curriculum or the individualized education program developed by the high school**. Students must demonstrate at least a ninth-grade level of literacy and basic competency on all Ohio Graduation Tests required by Rule 3301-13-01 of the Administrative Code. Students who complete the **college prep curriculum** in the high school shall meet at least eight of the following nine criteria:

1. Earn four credits of English
2. Earn three credits of math, which shall include at least the competencies obtained in Algebra 1, Algebra 2 and geometry or a three year sequence of courses which contains equivalent content (Integrated Math 1, 2, and 3.)
3. Earn three credits of science that develop concepts for physical, life, earth, and space sciences.
4. Earn three credits of social studies.
5. Earn either three credits of one foreign language or two credits each of two foreign languages.
6. Earn one credit of fine arts.
7. Earn either one unit of business/technology or two additional units in 1-6 above or earn three additional units in 1-6 above.
8. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
9. Obtain composite score of 27 on the American College Testing (ACT) tests or 1210 on the Scholastic Assessment Tests (SAT).

College Entrance Exams and Preparation (PSAT, PLAN, SAT, ACT)

| Test | Suggested time-line for taking test |
|-----------------------|---|
| PLAN | A practice ACT given in the fall with a career inventory component. Recommended for sophomores going to a four year university. |
| PSAT | A practice SAT given in the fall of the junior year. PSAT for juniors is the National Merit Scholarship qualifying exam. Required for students in grades 9, 10, and 11 taking an enriched course. |
| ACT plus writing, SAT | Second semester of junior year is recommended. |
| ACT plus writing, SAT | October of the senior year. These tests may be retaken again in the senior year if desired, with attention paid to college entrance deadlines. |

Reynoldsburg High School offers several specialized opportunities for collegiate entrance test preparation:

1. In class preparation in enriched coursework
2. ACT and SAT review books in the Information Center
3. ACT and SAT software in the Information Center

In addition...

4. Ohio University-Pickerington and Capital University, Kaplan and the Princeton Review offer ACT/SAT preparation courses for a fee
5. Practice test on web-sites: www.act.org; www.collegeboard.com and also available in the Guidance Office

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.

Recommended curriculum for college-bound students:

- All college and university preparatory students should assume responsibility for understanding the admission requirements of the college of their choice.
- **Minimum** admission requirements include but are not limited to:

| Subject | Number of credits recommended |
|-----------------------------------|---------------------------------------|
| English | 4.00 credits |
| Mathematics | 4.00 credits |
| Foreign Language | 2.00 credits (3.00 credits preferred) |
| Science | 4.00 credits |
| Social Studies | 4.00 credits |
| Health | 0.50 credit |
| Physical Ed. | 0.50 credit |
| Fine Arts (Visual and Performing) | 1.00 credit |
| Electives | 4.00 credits or more |
| TOTAL 21.00+ credits | |

- According to ACT research in Ohio, students who have taken less than the above core curriculum score from 3 to 4 points lower than those who have taken "core or more".
- State universities in Ohio have endorsed the Ohio minimum core curriculum, which includes 4 English, 3 Math, 3 Science, 3 Social Studies, 2 Foreign Language, and 1 Art.
- The Ohio Department of Education and Ohio Board of Regents **recommend** 3 credits of a foreign language.
- Students interested in participating in Division I or Division II athletics and applying for NCAA scholarships must check the approved course list with their counselor and athletic director each year. Students planning to graduate early must meet all NCAA requirements if interested in qualifying for NCAA scholarships.
www.ncaaclearinghouse.net

RHS Educational Services and Alternatives

| | Intended for | Considerations | Registration Recommendations | Academic Content |
|---|---|--|--|---|
| Standards-based Coursework | All students at RHS | Successful completion of the standards-based core curriculum will prepare students for the continuation of their studies in higher education. | | Ohio's Academic Content Standards |
| Lab work in Core content areas | Students who need additional assistance or time to master the academic content | | | Ohio's Academic Content Standards |
| Enriched Coursework | Students who desire enrichment opportunities in preparation for Advanced Placement Coursework | Students enrolled in any class can select to be assessed at the enriched level. | | Ohio's Academic Content Standards are enriched with rigorous content and higher level thinking skills to prepare students for success with AP coursework. |
| Advanced Placement Coursework | Students who desire to earn possible dual high school/college credit. | College credit is awarded individually by institution and requires successful scoring on the AP exam in each content area. Advanced Placement Exam required AP Exam cost – approx. \$85.00 AP course grades are weighted in the calculation of the GPA each grading period. | Students submit an application during registration process. Students must successfully complete prerequisite coursework . | Advanced Placement Exam content as recommended by the College Board |
| Post-Secondary Educational Options | Students who desire to earn college credit or dual high school/college credit through enrollment in college level coursework. | A mandatory student information meeting is held during school. Date and time to be announced A mandatory parent information meeting is held during the evening hours. Date and time to be announced A "B" average is required in the subject areas of desired PSEO courses. Each college/university has an overall GPA requirement for admission. | Admittance is by application to a college or university. By state law, student must declare intent to participate in the PSEO program by March 31 for the next school year. | See college/university of enrollment |

| | Intended for | Considerations | Registration Recommendations | Academic Content |
|----------------------------------|--|---|---|---|
| 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 later in this Program of Studies |
| Laboratory-based learning | Students who desire a hands-on approach to learning, involving more than seated classroom experiences. | This type of learning often means students need to try new approaches, but offers assessments that may go beyond the usual pencil and paper test. | | If this seems appropriate, select courses in the Program of Studies below that include Laboratory-based learning. |
| Flex Credit | 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 often can qualify as flex credit, providing credits to the student's transcript. | Application and approval for credit is necessary. Ask the Guidance department for more details. Often times, this approval must come prior to the experience or flex credit opportunity. | This can vary greatly, but often involves credit for courses that are not core academically, such as physical education, health, foreign language, etc. |
| Dual Credit | Students taking coursework that is at the college level and offered in conjunction with agreements the high school maintains with area colleges or universities. | Students receive credit from the high school for successful completion of the course, as well as receiving credit at the college or university. This is a good way to demonstrate the student's abilities to handle college-level coursework when applying to colleges or universities. This is advanced-level coursework and will require the student to be self-motivated and organized beyond the typical high school expectations. | These courses can fill up quickly, and seats are limited because of the limited number of faculty and courses available. Upon acceptance into the course at Reynoldsburg, the student must also be accepted into the course at the college/university level. | Look for courses in the Program of Studies that specifically include or mention a college or university dual-credit partnership. |

Eastland and Fairfield Career Centers

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

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

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

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

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

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

Beginning 2012-1013, students participating in Career and Technical Educational Experiences at Eastland or Fairfield Career Centers are fulfilling the Encore requirement for Capstone Pathway.

Encore Senior Capstone

The Encore Capstone (**SS781**) is an opportunity to showcase student talents, abilities, knowledge, and skills through the exploration and design of an exhibition or performance that creates beauty and benefits the community. Students will design this exhibition or performance around a central topic to prove they have acquired the knowledge and skills necessary to embrace the rigor of post-secondary study and/or the real world of work in the 21st century global marketplace. The student will be responsible for constructing the questions and discovering the answers along the way to a Capstone Exhibition or Performance of which they can be proud. The exhibition or performance will include collaboration with faculty and input from family and an authentic audience.

Seniors have the potential to earn 5 to 7 credits through their Capstone experience; these potential credits are listed below:

Credits:

- **1 English Credit**- LA252: English 12, LA239: AP Literature, CSCC EC 110: CSCC English
- **1 Social Studies Credit**- SS780: Thesis: 21st Century Citizen
- **1 Math Credit**- MA533: College Prep Math, MA561: AP Calculus
- **1 Science Credit**- SC690: Earth and Space, SC644: Physics, SC639: AP Chemistry
- **1 Elective Credit**- SS781: Capstone Pathway
- PSEO coursework (if qualified) or Encore coursework

Students will choose a pathway for their Encore capstone project: visual art, performance art, or communicative art, and they will earn an elective credit in that area of interest.

Columbus State Community College PSEO Options 2013-14

Autumn 2013

| Course | Days | Time |
|-----------|------------------|-------------|
| ENGL 1100 | Monday/Wednesday | 1:00-2:20pm |
| ENGL 1100 | Monday/Wednesday | 3:00-4:20pm |
| ENGL 1100 | Tuesday/Thursday | 1:00-2:20pm |
| MATH 1148 | Monday/Wednesday | 1:00-2:50pm |
| MATH 1148 | Monday/Wednesday | 3:00-4:50pm |
| MATH 1148 | Tuesday/Thursday | 1:00-2:50pm |
| SPAN 1101 | Monday/Wednesday | 1:00-2:50pm |
| SPAN 1101 | Tuesday/Thursday | 1:00-2:50pm |
| SPAN 1101 | Tuesday/Thursday | 3:00-4:50pm |

Spring 2013

| Course | Days | Time |
|-----------|------------------|-------------|
| ENGL 2367 | Monday/Wednesday | 1:00-2:20pm |
| ENGL 2367 | Tuesday/Thursday | 1:00-2:20pm |
| ENGL 2367 | Tuesday/Thursday | 3:00-4:20pm |
| MATH 1149 | Monday/Wednesday | 1:00-2:50pm |
| SPAN 1102 | Monday/Wednesday | 1:00-2:20pm |
| SPAN 1102 | Monday/Wednesday | 3:00-4:20pm |

Arts – Visual and Performing

| Course | Pre-Requisite | Delivery | Description |
|--|---|------------------------|---|
| FA015 Nature of the Arts <ul style="list-style-type: none"> • 1 Credit • Grade 9 requirement (unless taking band or orchestra) • A \$50 fee is required | | Semester, Block Format | <p>This course will provide students with an understanding of the fundamental language and concepts to confidently observe and discuss works of art and communications from the three key strands of Encore: visual arts, performing arts, and communications. Through hands-on activities, discussion, research, and writing assignments, students will learn a great deal about the various forms of visual art, performance art, and communications.</p> <p>In order to encourage trial and error by the student in a primarily laboratory-based (see Educational Services and Alternatives on previous pages for an explanation) course, this course is graded pass/fail. 70% is the passing grade.</p> |
| FA090 Music Technology <ul style="list-style-type: none"> • 1 Credit • Grades 10, 11, 12 • A \$50 fee is required | | Semester, Block Format | <p>Students will create, share, discuss, read, write about, and listen to music made with technology. They will actively use technology to explore these elements as they investigate a broad range of topics. The primary lens of the class focuses on the history and possible futures of technology and its impact on the world of music. Topics covered include: audio editing, sequencing software, remixing, sound systems, the modern music business, studio recording, synthesizers, copyright law, recording mediums, electric guitars, video game music, and other contemporary themes.</p> |
| FA055 Art Inquiry I <ul style="list-style-type: none"> • 1 Credit • Grades 10 or 11 • A \$50 fee is required | | Semester, Block Format | <p>Art Inquiry will concentrate on advancing the skills and knowledge explored in Nature of the Arts, while permitting the student additional freedoms to explore media and delve into design concepts. The themes explored will include the movement of man on earth, the power and politics applied by man, and the beauty and wonder of man's presence and reasoning abilities. Major man-made elements, such as war, can also be examined through the products, permitting numerous integration opportunities in the disciplines.</p> |
| FA001CO Fundamentals of Drawing DMD -100 (Central Ohio Technical College course) <ul style="list-style-type: none"> • 1 Credit - AP weighted • Grades 11 or 12 • A \$50 fee is required | *Instructor Approval with FA015 Nature of the Arts or FA055 Art Inquiry | Semester, Block Format | <p>This course explores the basic techniques of drawing, focusing on composition, proportion, perspective and the basic fundamentals of line, shape, contrast, texture, balance, and unity. Projects include studies of figures, nature and interiors with the purpose of developing an understanding of how to rapidly communicate with basic analog tools before using digital media.</p> <p>Students need to take the Compass test to receive Central Ohio Technical College credit for this course, and a cumulative GPA of 2.0 is required for dual credit.</p> |
| FA002CO Digital Software Fundamentals DMD-101 (Central Ohio Technical College course) <ul style="list-style-type: none"> • 0.5 credit - AP weighted • Grades 11 or 12 • A \$25 fee is required | *Instructor Approval | Semester, Block Format | <p>This is an overview course, covering the background and formats of digital media and an introduction to digital media software tools. In preparation for further classes, the student will explore the layout of the interface for digital software programs most commonly used in digital media. This course should be taken before any digital media design course requiring the use of digital software.</p> |

| Course | Pre-Requisite | Delivery | Description |
|--|--|---------------------------------|---|
| FA012 Introduction to Photography - * GSVVA Media Studio <ul style="list-style-type: none"> • 1 Credit • Taught by Community Partner: GSVVA instruction • A \$35 fee is required | | Semester, Encore Partner taught | <p>This course focuses on the development of students' artistic abilities in digital photography. Using Nikon D3000 cameras, students explore the fundamental principles and techniques of the photographic medium, including post-image-capture manipulation. Along with learning to express their individual artistic styles, students examine the history of photography and issues related to the interpretation and critique of photographs. At the end of the course, students will showcase their photography in the exhibition space at the Summit Campus Reynoldsburg High School facility.</p> <p>*GSVVA Media Studio is a course taught by the Granville Studio of Visual Art at Encore Academy.</p> |
| FA013 Exploring Photography - * GSVVA Media Studio <ul style="list-style-type: none"> • 1 Credit • Taught by Community Partner: GSVVA instruction • A \$35 fee is required | Nature of the Arts AND Introduction to Photography | Semester, Encore Partner taught | <p>After completing "Introduction to Photography" students can continue to expand their creativity using digital photography! Students will have more creative freedom composing artistic images, through the use of many new techniques, lighting and editing programs. Introductory knowledge of digital photography is necessary. Quality Nikon digital SLR cameras are provided for each student.</p> <p>As an end event, each young artist collaborates in designing, installing, curating and hosting an exhibition of their own work in the artist gallery at Encore Academy.</p> <p>*GSVVA Media Studio is a course taught by the Granville Studio of Visual Art at Encore Academy.</p> |
| PE002 Wellness Through the Arts: Creative Movement/ Modern Dance <ul style="list-style-type: none"> • 1 Credit • Taught by Community Partner: BalletMet instruction • Cross-listed with P.E. credits | | Semester, Encore Partner taught | <p>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 movement to students as a form of communication in a creative and open method. Students will be required to participate actively and perform.</p> <p>A fee and specific apparel may be required.</p> |
| PE003 Wellness Through the Arts: Yoga and Pilates <ul style="list-style-type: none"> • 1 Credit • Taught by Community Partner: BalletMet instruction • Cross-listed with P.E. credits | | Semester, Encore Partner taught | <p>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 and Pilates-specific movement to students as a form of art and communication in a creative and open method. Students will be required to participate actively.</p> <p>A fee and specific apparel may be required.</p> |
| FA037 Theater Production <ul style="list-style-type: none"> • 0.5 or 1.0 Credit • Taught by Community Partner: BalletMet instruction • A \$25 fee is required | | Semester, Encore Partner taught | <p>This course will expose students to fundamental technical theatre practices. Topics include: specialized vocabulary, analyze and critique design elements, basic lighting and sound concepts. Students will work together for most projects to accomplish their objectives. Those enrolled in the course may have an opportunity to work on a performance, concert or school event during the semester.</p> |

| Course | Pre-Requisite | Delivery | Description |
|--|--|----------|--|
| FA079 Chamber Singers <ul style="list-style-type: none"> • 1 Credit • Grades: 10-12 | Audition | All year | This is a select group of vocal music students who wish to be challenged on more difficult choral literature. The Chamber Singers are scheduled for school and community performances, as well as participation in solo and ensemble contest, and may include large group contest. Some after school rehearsals are required. Attendance at all rehearsals and performances is mandatory. Participation in Men's or Women's Chorus is mandatory. Apparel expenses are involved. <u>Students must audition or be invited by director to be admitted.</u> |
| FA075 Women's Chorus <ul style="list-style-type: none"> • 1 Credit • A \$75 fee is required | | All year | The Reynoldsburg Women's Chorus performs a variety of choral literature and presents three concerts a year, as well as other school and community performances as requested. Some after school rehearsals are required. Attendance at all rehearsals and performances is mandatory. Required district music fee of \$75.00 applies. Additional department fee for robe cleaning also applies. |
| FA076 Men's Chorus <ul style="list-style-type: none"> • 1 Credit • A \$75 fee is required | | All year | The Reynoldsburg Men's Chorus performs a variety of choral literature and presents three concerts a year, as well as other school and community performances as requested. Some after school rehearsals are required. Attendance at all rehearsals and performances is mandatory. Required district music fee of \$75.00 applies. Additional department fee for robe cleaning also applies. |
| FA085 Symphonic Band <ul style="list-style-type: none"> • 1 Credit • Grades: 9-12 • A \$75 fee is required | Junior High band or equivalent AND permission of director | All year | The Reynoldsburg High School Symphonic Band studies and performs Grade 3-3 1/2 wind band literature. Repertoire includes a variety of compositions composed or arranged for the intermediate high school wind band. Performances include three yearly concerts, OMEA Large Group Contest, and OMEA Solo and Ensemble Contest at the discretion of the director. Attendance at all performances and rehearsals is mandatory. This ensemble is best suited for the developing musician who wants to improve on basic band concepts. Private instruction is strongly recommended. |
| FA087 Wind Ensemble <ul style="list-style-type: none"> • 1 Credit • Grades: 10-12 • A \$75 fee is required | Junior High band or equivalent, audition, AND permission of director | All year | The Reynoldsburg High School Wind Symphony studies and performs Grade 3-5 wind band literature. 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. Students are chosen for this ensemble through an audition process. This ensemble is best suited for the advanced musician who wants to be challenged and reach their highest potential. Private instruction is strongly recommended. |

| Course | Pre-Requisite | Delivery | Description |
|--|---|----------|---|
| FA089 Marching Band <ul style="list-style-type: none"> • 1 Credit • Grades: 9-12 • A \$150 fee is required- includes Concert band and Marching band fee | Must be a member of Symphonic Band or Wind Symphony AND/OR by permission of the director. | Semester | 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. First semester and after school. |
| FA093 Prelude Orchestra <ul style="list-style-type: none"> • 1 Credit • Grades: 9-12 • Instrument required; other as listed in the Orchestra handbook • A \$75 fee is required | Permission of the director | All year | 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 C-B-A categories. Required weekly sectional rehearsals are part of the curriculum. Participation in all performances is mandatory. Solo and Ensemble adjudicated events are available to members of this group. Private instruction is strongly recommended. |
| FA095 Concert Orchestra <ul style="list-style-type: none"> • 1 Credit • Grades: 10-12 • Instrument required; other as listed in the Orchestra handbook • A \$75 fee is required | Audition, permission of the director | All year | The Concert Orchestra is a select performance group. Repertoire includes a variety of compositions including OMEA class A literature. Required weekly sectional rehearsals are part of the curriculum. Participation in all performances is mandatory. Solo and Ensemble adjudicated events are available to members of the group. Private instruction is strongly recommended |

Communications

| Course | Pre-Requisite | Delivery | Description |
|--|---------------------------------------|------------------------|--|
| FA040 Creative Writing <ul style="list-style-type: none"> 1 Credit | Nature of the Arts | Semester, Block Format | This course is intended to continue the exploration of the creative writing process begun in the Nature of the Arts course. Through examination of creative works and authors and methods, the student will explore and create writing under the tutelage of a qualified instructor and through the use and improvement of the writing process. |
| FA030 Fundamentals of Dramatic Inquiry <ul style="list-style-type: none"> 1 Credit | Nature of the Arts | Semester, Block Format | This course is intended to continue the exploration of the on-stage performance methods begun in the Nature of the Arts course. Through examination of dramatic works and authors and methods, the student will explore and create dramatic performances of different genres and styles. |
| FA014 Film & Media <ul style="list-style-type: none"> 1 Credit | Nature of the Arts | Semester, Block Format | Modern society bombards us with images, all kinds of different media, films, all laden with messages, hidden and overt. This course instructs the proper way to "read" film and media through examination, discussion, and writing. Students will experience multiple media presentations and methods. *Some films and media may include adult situations. |
| FA011 Publishing & Media Arts <ul style="list-style-type: none"> 1 Credit This course can be repeatable A \$50 fee is required | Interview and permission from advisor | Semester or all year | Students study aspects of copywriting, layout and graphic design, desktop publishing, sales and marketing, finance, advertising, and public relations as they apply to yearbook compilation and online, broadcast, and print journalism. Practical experiences are given through the production of the school yearbook, the <i>Reynolian</i> , and the school newspaper, the <i>Compass</i> , and other school-related publications. *Students who wish to work on this staff must apply, interview, and be accepted on staff with the advisor before registering. |
| SS781 The Encore Capstone <ul style="list-style-type: none"> 1 Credit | | All year | The capstone is an opportunity to showcase student talents, abilities, knowledge, and skills through the exploration and design of an exhibition or performance that creates beauty and benefits the community. Students will design this exhibition or performance around a central topic to prove they have acquired the knowledge and skills necessary to embrace the rigor of post-secondary study and/or the real world of work in the 21st century global marketplace. The student will be responsible for constructing the questions and discovering the answers along the way to a Capstone Exhibition or Performance of which they can be proud. The exhibition or performance will include collaboration with faculty and input from family and an authentic audience. |

English Language Arts

| Course | Pre-Requisite | Delivery | Description |
|--|--|------------------------|--|
| LA211 or LA211E English 9 <ul style="list-style-type: none"> 1 Credit This course is offered enriched or nonenriched Paperback purchases not to exceed \$45.00 | Successful completion, "D" or better, of one full year of English at the eighth grade level. | Semester, Block Format | This first year English curriculum will concentrate on establishing the writing process and assisting the student in developing structures and systems for understanding fiction and nonfiction. Reading the <i>Odyssey</i> and works such as Robert Frost's poetry about nature offer integration with other disciplines, but will also be supplemented with nonfiction and scientific text that fit this theme. Students will begin to build a portfolio of work to be displayed the end of the year and the end of their high school career. All coursework will be instructed at the Enriched level with the option left to the student and parent(s)/guardian(s) to assess at the standard or Enriched level. |
| LA221 or LA221E English 10 <ul style="list-style-type: none"> 1 Credit This course is offered enriched or nonenriched Paperback purchases not to exceed \$45.00 | Successful completion, "D" or better, of one full year of English at the ninth grade level. | Semester, Block Format | The second year English curriculum will concentrate on refining the student's use of the writing process. The fiction readings, such as <i>To Kill a Mockingbird</i> and <i>Romeo and Juliet</i> , will examine the heart of man in turmoil and in love. The nonfiction reading will primarily focus on integrations with the other disciplines, with the addition of literacy concentrations for graphs and two-dimensional representations in mass media, magazines, newspapers, and advertisements. All coursework will be instructed at the Enriched level with the option left to the student and parent(s)/guardian(s) to assess at the standard or Enriched level. |
| LA231 English 11 <ul style="list-style-type: none"> 1 Credit Paperback purchases not to exceed \$45.00 | Successful completion, "D" or better, of one full year of English at the tenth grade level. | Semester, Block Format | The third year English curriculum will begin to focus more on the listening and speaking skills necessary for success in life. The reading will focus on the conflicts and resolutions of mankind as evidenced in fiction such as <i>The Scarlet Letter</i> and <i>The Tragedy of Macbeth</i> . Nonfiction will focus on great speeches, along with examining film, technology, and advertising as text. A research paper, co-taught with the social studies curriculum, will play a major role toward the end of the year, focusing on a great conflict or resolution or a leader responsible for a major conflict or resolution. |
| LA252 English 12 <ul style="list-style-type: none"> 1 Credit Paperback purchases not to exceed \$45.00 | Successful completion, "D" or better, of one full year of English at the eleventh grade level. | Semester, Block Format | The fourth year English curriculum will examine the definition of sublime, specifically asking the questions: What is art? What is beautiful? Who decides? And examining what famous writers/thinkers and numerous other cultures believed. Students will explore aesthetics throughout the Classical, Romantic, Modern, and Postmodern time periods, culminating in a final project and/or paper which defines beauty and argues the student's reasons for the definition. |
| LA239 Advanced Placement English Literature & Composition (CSCC EC 110 Columbus State dual-credit option is available.) <ul style="list-style-type: none"> 1 Credit Fee: cost of AP test (approx. \$85.00) Paperback purchases not to exceed \$45.00 | A "B" average or better in Advanced Placement English Literature & Composition OR an approved application AND an English teacher recommendation. | Semester, Block Format | <p>This course 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 ways 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.</p> <p>A weighted, AP credit is not awarded to the student unless the student takes the AP exam or completes the course as dual-credit.</p> |

World Languages

| Course | Pre-Requisite | Delivery | Description |
|--|--|--------------------------------------|--|
| FL323 French 2 <ul style="list-style-type: none"> • 1 Credit | "C" or better in French 1 | Semester, Block Format | 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 3 <ul style="list-style-type: none"> • 1 Credit | "C" or better in French 2 AND teacher recommendation | Semester, Block Format | 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 4 <ul style="list-style-type: none"> • 1 Credit | "C" or better in French 2 AND teacher recommendation | Semester, Block Format, Block Format | 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. |

| Course | Pre-Requisite | Delivery | Description |
|---|----------------------------|------------------------|---|
| FL301 Spanish 1 <ul style="list-style-type: none"> • 1 Credit | | Semester, Block Format | 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 2 <ul style="list-style-type: none"> • 1 Credit | "C" or better in Spanish 1 | Semester, Block Format | 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 courses expose students to the human practices, perspectives and products of Spanish culture through technology, film, television and print media. |
| FL305 Spanish 3 <ul style="list-style-type: none"> • 1 Credit | "C" or better in Spanish 2 | Semester, Block Format | 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. |

Health and Physical Education

| Course | Pre-Requisite | Delivery | Description |
|--|---|---------------------------------|---|
| PE401W and PE402W PE 1 and 2 <ul style="list-style-type: none"> .25 Credit each Credit Flex Only | Meet with Guidance counselor to develop your plan | Complete on own time | Students will develop a plan in a variety of individual, dual and team sports and activities that expand on and reinforce concepts and skills learned in grades K-8. Students will work towards <i>mastering course standards</i> , both academic and physical, through a plan developed with their guidance counselor and implemented outside of the school day. |
| PE411 Health 1 <ul style="list-style-type: none"> .5 Credit Online Course | | Semester, Online | The Reynoldsburg High School health education program provides opportunities for students to develop knowledge, attitudes, and practices necessary for the development of optimal personal fitness for full, fruitful, creative living. The major objective of the high school program is to enable the learner to think critically about life and health problems, and to make reasonable judgments concerning individual, family and community health. Semester exam. |
| PE002 Wellness Through the Arts: Creative Movement/Modern Dance <ul style="list-style-type: none"> 1 Credit Taught by Community Partner: BalletMet instruction PE Credit, cross-listed with Art credit | | Semester, Encore Partner taught | <p>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 movement to students as a form of communication in a creative and open method. Students will be required to participate actively and perform.</p> <p>A fee and specific apparel may be required.</p> |
| PE003 Wellness Through the Arts: Yoga and Pilates <ul style="list-style-type: none"> 1 Credit Taught by Community Partner: BalletMet instruction PE Credit, cross-listed with Art credit | | Semester, Encore Partner taught | <p>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 and pilates-specific movement to students as a form of art and communication in a creative and open method. Students will be required to participate actively.</p> <p>A fee and specific apparel may be required.</p> |

Mathematics

| Course | Pre-Requisite | Delivery | Description |
|--|--------------------------|------------------------|---|
| MA511 Algebra 1 <ul style="list-style-type: none"> 1 Credit | | Semester, Block Format | This first year Mathematics curriculum will concentrate on developing the language of mathematics, in particular establishing basic Algebraic functions, formulas, and knowledge of basic technology. |
| MA521 or MA521E Geometry <ul style="list-style-type: none"> 1 Credit This course is offered enriched or nonenriched | D or better in Algebra 1 | Semester, Block Format | The second year Mathematics curriculum will continue the development of the language of mathematics, advancing Geometric functions, formulas, and knowledge to the level of students developing their own questions and developing their own formulas for response. |
| MA531 or MA531E Algebra 2 <ul style="list-style-type: none"> 1 Credit This course is offered enriched or nonenriched Graphing calculator (TI-83+) required | D or better in Geometry | Semester, Block Format | Algebra 2 is an extension of standards-based Algebra 1 and Geometry with introduction to advanced number systems, linear systems, matrices, functions, operations on polynomials, exponential and log functions, conics, linear and quadratic equations and inequalities. The third year Mathematics curriculum will focus on Algebra 2, applying the language of mathematics to specific scenarios, problems, and real-world situations. A TI-83 Plus graphing calculator is required. A mastery exam is included in the semester and/or final exam. Graphing calculator required. |
| MA533 College Prep Mathematics <ul style="list-style-type: none"> 1 Credit Graphing calculator (TI83 or TI 84) required | Algebra 2 | Semester, Block Format | This course utilizes a computer-based curriculum developed by Columbus State Community College. Students test into the appropriate level and take coursework ranging from basic math to Algebra II. Students must complete two online courses in the program in order to earn this math credit. Completion of coursework provides placement credit into CSCC math courses. Real-world application projects are also implemented. Graphing calculator required. |
| MA541E Pre-Calculus Enriched <ul style="list-style-type: none"> 1 Credit Graphing calculator required | C or better in Algebra 2 | Semester, Block Format | This course makes use of modern technology with the graphing calculator and computer approach to pre-calculus topics. Strong emphasis is placed on problem solving using both algebraic and geometric representations. Function, trigonometry and analytic geometry topics are fully covered and a strong foundation for the later study of calculus is provided. A graphing calculator (TI-83 Plus) is required by the first day of class. A mastery exam is included in the semester and/or final exam. Graphing calculator required. |
| MA561 Advanced Placement Calculus <ul style="list-style-type: none"> 1 Credit Fee: cost of AP test (approx. \$85.00) Graphing calculator required | Enriched Pre-Calculus | Semester, Block Format | <p>This course follows the prescribed AP Calculus curriculum to prepare students for the AP test in May. A graphing calculator (TI-83+ or comparable) is required for this course. A mastery exam is included in the semester and/or final exam.</p> <p>A weighted, AP credit is not awarded to the student unless the student takes the AP exam.</p> |

| Course | Pre-Requisite | Delivery | Description |
|--|--|------------------------|---|
| MATH 1148 Columbus State Community College: College Algebra <ul style="list-style-type: none"> • Lecture- 4 college credit hours • 0.8 High School credit | Prerequisite: Placement into MATH 1075 or higher | Semester, Block Format | This course is a continuation of the study of functions. The concept of transformations is used to graph and analyze functions including quadratic, higher degree polynomial, power, piecewise, rational, exponential, and logarithmic functions. The function concept is extended and applied to solving equations and inequalities.. Factor and remainder theorems and roots of polynomial functions are included. The concept of functions is extended to include composition of functions and inverse functions. Systems of equations are solved using algebraic methods and Cramer's Rule. Trigonometric functions of right angles are defined and used in problem solving. This course meets the general education requirement for the AA degree. Not open to students with credit for MATH 1149 and above. |
| STATS 1350 Columbus State Community College: Statistics <ul style="list-style-type: none"> • Lecture- 3 college credit hours • 0.6 High School credit | Prerequisite: MATH 1030 or MATH 1050; minimum grade of "C" | Semester, Block Format | STAT 1350 is designed to acquaint students with statistical methods used in gathering and analyzing data. The course includes survey methods, graphical displays of data, descriptive statistics, the Normal distribution, correlation and linear regression, basic concepts in probability and simulation, sampling distributions and the Central Limit Theorem, confidence intervals, and significance testing. |

Science

| Course | Pre-Requisite | Delivery | Description |
|--|--|------------------------|--|
| SC611 Physical Science <ul style="list-style-type: none"> 1 Credit | Typically taken by 9 th graders with a science OAA score less than 400. | Semester, Block Format | Physical science introduces students to key concepts and theories that provide a foundation for further study in advanced sciences. Physical science is the systematic study of the physical world as it relates to matter, energy, and motion. This three unit course will give a unified understanding of our physical world through inquiry-based laboratory experiences, historical perspectives, and mathematical reasoning. Scientific Calculator necessary. |
| SC621 or SC621E Biology <ul style="list-style-type: none"> 1 Credit This course is offered enriched or nonenriched | Typically taken by 9 th and 10 graders. | Semester, Block Format | 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 applications. |
| SC690 Earth/Space Science <ul style="list-style-type: none"> 1 Credit | Successful completion of physical science & biology. | Semester, Block Format | Earth/Space Science incorporates chemistry, physics, and environmental science as an introduction to key concepts and principles of our Earth and its place in the Universe. Investigations are used to understand and explain the behavior of our Earth in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. |
| SC631 Chemistry 1 <ul style="list-style-type: none"> 1 Credit Scientific calculator required. Meets criteria for Ohio's Diploma with Honors | Concurrent enrollment OR successful completion of Algebra 2 | Semester, Block Format | Chemistry introduces students to key concepts and theories involving physical interactions of matter and events that occur in the natural world. The study of matter through the exploration of classification, its structure, and its interactions is how this course is organized. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios the incorporate scientific reasoning, analysis, communication skills and real world applications. Scientific calculator required. |
| SC644 Physics <ul style="list-style-type: none"> 1 Credit Scientific calculator required. Meets criteria for Ohio's Diploma with Honors | "C" or better in Algebra 2 and concurrent enrollment in Pre-Calculus | Semester, Block Format | Physics elaborates on the study of the key concepts of motion, forces and energy as they relate to increasingly complex systems of technology. Students will engage in investigations to understand and explain motion, forces and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. Scientific calculator required. |
| SC639 Advanced Placement Chemistry <ul style="list-style-type: none"> 1 Credit Fee: cost of AP test (approx. \$85.00) Scientific calculator required | "C" or better in Chemistry "C" or better in Algebra 2 and concurrent enrollment in Pre-Calculus | Semester, Block Format | In AP Chemistry will learn concept generally taught in beginning college chemistry including: Structure of matter (20%), States of matter (20%), Chemical reactions (35-40%), Descriptive chemistry (10-15%), and Laboratory (5-10%). Throughout AP chemistry, an emphasis will be placed upon problem solving skills, descriptive chemistry, development and use of models to explain chemical principals, and the prediction of products in chemical reactions. Scientific calculator required. A weighted, AP credit is not awarded to the student unless the student takes the AP exam. |

Social Studies

| Course | Pre-Requisite | Delivery | Description |
|--|---------------|------------------------|---|
| SS711 or SS711E US/Global History 9 <ul style="list-style-type: none"> • 1 Credit • This course is offered enriched or nonenriched | | Semester, Block Format | This first year social studies curriculum will concentrate on geography, cartography, natural structures, natural resources, and movement and change within the earth. The effects of man's presence in nature offers opportunities to explore the industrial revolution and the impact of humans on the environment, the environment's impact on humanity, and humanity's discovery and exploration of the natural world around them with a focus on World History. This course primarily covers the years 1500-1919. |
| SS721 or SS721E US/Global History 10 <ul style="list-style-type: none"> • 1 Credit • This course is offered enriched or nonenriched | | Semester, Block Format | The second year social studies curriculum will concentrate on the power and politics applied by man, and man's attempt to form structures such as different types of governments. Major political events and major manmade elements, such as war and civil rights, will be examined with a focus on American History. This course primarily covers the years 1920-present. |
| SS741 US Government <ul style="list-style-type: none"> • 1 Credit | | Semester, Block Format | The third year social studies curriculum will concentrate on the great conflicts and resolutions mankind has overcome, specifically examining the attempts by mankind to govern themselves. The course will specifically examine rulers, kings, presidents, governments, and their accomplishments or failures through the framework of human conflict and human peaceful submission. There will also be an emphasis on American Government, and its basic principles of the rights and responsibilities of citizenship. Students are offered the opportunity to develop a thorough understanding of the legislative, executive, and judicial branches of the national and state governments. Particular attention is given to civil rights and voting. |
| SS743 Advanced Placement US Government <ul style="list-style-type: none"> • 1 Credit • Fee: cost of AP exam (approx. \$85.00) | | Semester, Block Format | <p>Advanced Placement U.S. Government gives students an analytical perspective on government and politics in the United States. College effort expected in completing course goal, i.e., essays, midterms, long-term assignments. Students are required to take the College Board Advanced Placement tests In U.S. Government and Politics.</p> <p>A weighted, AP credit is not awarded to the student unless the student takes the AP exam.</p> |
| SS780 Thesis: The 21st Century Citizen <ul style="list-style-type: none"> • 1 Credit | | Semester, Block Format | The state of Ohio requires four social studies courses in order to graduate. This is an inquiry based class. Students will learn to solve problems presented to them while completing their capstone experience project. A focus will be put on effective communication skills and other important issues facing Americans in the 21 st century. |