

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 2011-2015
English	4 credits	4 credits
Social Studies	3 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 courses.)	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, one credit of Life Science, and one advanced 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 encouraged 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
Global/US History
Algebra I or Geometry
Physical Science or Biology
Elective (Band, Orchestra, Choir, Foreign Language, Arts Elective, Remediation)

Grade 10 Core Coursework

English 10
Global/US History
Geometry or Algebra II
Biology or Chemistry
Arts Elective (Visual, Performance or Communications Pathway)

Grade 11 Core Coursework

English 11, AP Lang & Comp, ENGL 1100, ENGL 2367
Government or AP Government
Algebra II or Advanced Math course
Science Course (Chemistry, Environmental, Physics)
PSEO & Dual-Enrollment coursework (if qualified)
Capstone Pathway Preparation

Grade 12 Core Coursework

English 12/ AP Literature & Composition /CSCC		
21 st Century Citizen Capstone		
Math Course (College Prep Math, AP Calculus, Alg. III)		
Science Course (Env, AP Chem, Physics, Anatomy)		
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, or Ballet Met only)

Awards and Recognition

Distinguished Raider Scholar

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

Graduates are recognized with medallions worn at Commencement.

*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 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.

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 credits through their Capstone experience; these potential credits are listed below:

Credits:

- **1 English Credit-** LA252: English 12, LA237: AP Language and Comp, CSCC EC 110: CSCC English
- **1 Social Studies Credit-** SS781 21st Century Citizen- Capstone
- **1 Math Credit-** MA533: College Prep Math, MA561: AP Calculus, Algebra III/Trig, Pre-Calc
- **1 Science Credit-** SC690: Environmental, Anatomy, SC644: Physics, SC639: AP Chemistry
- **1 Elective Credit-** 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.

Arts – Visual and Performing

Course	Pre-Requisite	Delivery	Description
FA015 Nature of the Arts <ul style="list-style-type: none"> • .5 Credits • Grade 9 requirement (unless taking band, orchestra, or choir) • A \$50 fee is required 		Semester	<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"> • .5 Credits • Grades 10, 11, 12 • A \$50 fee is required 	Nature of the Arts	Semester	<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 and FA056 Art Inquiry 1 & 2 <ul style="list-style-type: none"> • .5 Credits • Grades 10 or 11 • A \$50 fee is required 	Nature of the Arts	Semester	<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 - COTC weighted • Grades 11 or 12 • A \$50 fee is required 	*Instructor Approval with FA015 Nature of the Arts or FA055 Art Inquiry	Semester	<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>

Course	Pre-Requisite	Delivery	Description
FA002CO Digital Software Fundamentals DMD-101 (Central Ohio Technical College course) <ul style="list-style-type: none"> • 0.5 credit - COTC weighted • Grades 11 or 12 • A \$25 fee is required 	*Instructor Approval	Semester,	<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> <p>Students need to take the Compass test to receive Central Ohio Technical College credit for this course, and a cumulative GPA of 2.5 is required for dual credit.</p>
Design Fundamentals (DMD-104) (Central Ohio Technical College course) <ul style="list-style-type: none"> • 1 Credit - COTC weighted • Grades 11 or 12 A \$25 fee is required	*Instructor Approval COMPLETE EITHER DMD-101 OR DMD-3831 WITH A C GRADE (2.00) OR BETTER	Semester	<p>Prerequisite: C grade (2.00) or better in DMD-101 This course is an introduction to digital design with emphasis on the basic principles, methodologies, and skills important to 2D digital design using key computer graphics tools and software. This course is designed to prepare the student for the next level in his/her selected discipline. Course is graded on an A-F basis. DMD-104 will be submitted to meet the Ohio Transfer Assurance Guide standards.</p> <p>Students need to take the Compass test to receive Central Ohio Technical College credit for this course, and a cumulative GPA of 2.5 is required for dual credit.</p>
DMD-103 Typography (Central Ohio Technical College course) <ul style="list-style-type: none"> • .5 Credit - COTC weighted • Grades 11 or 12 A \$25 fee is required	*Instructor Approval	Semester	<p>DMD-101 or concurrent enrollment in DMD-101 is strongly recommended. 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. Course is graded on an A-F basis.</p> <p>Students need to take the Compass test to receive Central Ohio Technical College credit for this course, and a cumulative GPA of 2.5 is required for dual credit.</p>
DMD-106 Mass Media Communications (Central Ohio Technical College course) <ul style="list-style-type: none"> • 1 Credit – COTC weighted • Grades 11 or 12 A \$25 fee is required	*Instructor Approval	Semester	<p>This course is an introduction to the history, development, and future of mass media and its affect on cultures and society. The student also will study how communication has developed and will integrate theory with practical exercises in developing communication strategies and implementations. The student will gain experience in creating copy and content for various digital media. Course is graded on an A-F basis. Mass Media Communications in the Quarter system. DMD-106 will be submitted to meet the Ohio Transfer Assurance Guide standards</p> <p>Students need to take the Compass test to receive Central Ohio Technical College credit for this course, and a cumulative GPA of 2.5 is required for dual credit.</p>

Course	Pre-Requisite	Delivery	Description
DMD-107 Intro to e-Life: The Evolving Web (Central Ohio Technical College course) <ul style="list-style-type: none"> • 1 Credit - COTC weighted • Grades 11 or 12 A \$25 fee is required	*Instructor Approval	Semester	DMD-107 Intro to e-Life: The Evolving Web 3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab) Prerequisite: None This course focuses on the recent history of the Internet and the growth of the World Wide Web from a simple broadcast medium into a platform that fosters communities of users-empowering them to create, share, and participate in the virtual community. Topics covered include social networking, social utilities, collaborative technologies, and various applications including mobile, desktop, television and web. Course is graded on an A-F basis. DMD-107 Intro to e-Life: The Evolving Web replaces DMD-3862 Introduction to E-Life: the Evolving Web in the Quarter system. Students need to take the Compass test to receive Central Ohio Technical College credit for this course, and a cumulative GPA of 2.5 is required for dual credit.
FA012 Introduction to Photography - Media Studio <ul style="list-style-type: none"> • 1 Credit • Taught by Community Partner: GSVA instruction • A \$35 fee is required 		Semester, Encore Partner taught	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. *GSVA Media Studio is a course taught by the Granville Studio of Visual Art at Encore Academy.
FA013 Exploring Photography - Media Studio <ul style="list-style-type: none"> • 1 Credit • Taught by Community Partner: GSVA instruction • A \$35 fee is required 	Nature of the Arts AND Introduction to Photography	Semester, Encore Partner taught	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. 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. *GSVA Media Studio is a course taught by the Granville Studio of Visual Art at Encore Academy.
PE002 Wellness Through the Arts: Creative Movement/ Modern Dance <ul style="list-style-type: none"> • .5 Credits • Taught by Community Partner: BalletMet instruction • Cross-listed with P.E. credits 		Semester, Encore Partner taught	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. A fee and specific apparel may be required.

Course	Pre-Requisite	Delivery	Description
PE003 Wellness Through the Arts: Yoga <ul style="list-style-type: none"> .5 Credits 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 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>
PE004 Wellness Through the Arts: Zumba <ul style="list-style-type: none"> .5 Credits 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 Zumba specific rhythms and 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>
FA036 Introduction to Theater <ul style="list-style-type: none"> .5 Credits A \$25 fee is required 		Semester	<p>This course will introduce students to fundamental technical theatre performance. Topics include: stage presence, dramatic inquiry, common theater vocabulary and techniques, and theater exercises that promote an introduction to the pathway.</p>
FA037 Theater Production <ul style="list-style-type: none"> .5 Credits A \$25 fee is required 	Intro to Theater	Semester	<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>
FA038 History of Rock and Roll <ul style="list-style-type: none"> .5 credits 11th and 12th grade 		Semester	<p>Students will learn all the styles that incorporate rock and roll starting in the 1930's and working up through the decades to today's music. Special focus will be given to the decades that correlate to the Social Studies curriculum.</p>

<p>FA 001 Music Theory</p> <ul style="list-style-type: none"> • 1 Credit • Reserved for students who plan to major or minor in music in college. 	<p>*Teacher recommendation</p>	<p>Year</p>	<p>This course is designed for the music student who wishes to have a better understanding of the language of music. The course will teach the essentials of music, develop music reading and writing skills, and improve listening and ear training skills. Students will begin basic composition writing, as well as other related projects. A must for students who are interested in learning more about music writing, or for those preparing for college music theory entrance exams. Workbook fee may be required.</p>
<p>FA079 Chamber Singers</p> <ul style="list-style-type: none"> • 1 Credit • Grades: 10-12 	<p>Audition</p>	<p>All year</p>	<p>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></p>
<p>FA075 Women's Chorus</p> <ul style="list-style-type: none"> • 1 Credit • A \$75 fee is required 		<p>All year</p>	<p>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.</p>
<p>FA076 Men's Chorus</p> <ul style="list-style-type: none"> • 1 Credit • A \$75 fee is required 		<p>All year</p>	<p>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.</p>
<p>FA085 Symphonic Band</p> <ul style="list-style-type: none"> • 1 Credit • Grades: 9-12 • A \$75 fee is required 	<p>Junior High band or equivalent AND permission of director</p>	<p>All year</p>	<p>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.</p>

Course	Pre-Requisite	Delivery	Description
FA087 Wind Symphony <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.
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
Ensemble <ul style="list-style-type: none"> • .5 credit 		All year	A course that provides Arts embedded activities, school culture activities, ACT test prep and study skills.
Blended Learning and Online Courses <ul style="list-style-type: none"> • Credit varies 		All year	This course allows students the option to take courses online. Guidance/counseling office will maintain available course listing.
Internship <ul style="list-style-type: none"> • 1.0 credit 		Semester or year long	This course will provide students the opportunity to learn skills they need after graduation and then apply these skills by participating in the internship.
PSEO <ul style="list-style-type: none"> • Credit varies 		Semester or year long	Students have the option to participate in Post Secondary courses if they meet the qualifications.

Communications

Course	Pre-Requisite	Delivery	Description
FA040 Creative Writing <ul style="list-style-type: none"> • 1 Credit 	Nature of the Arts	Semester	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"> • .5 Credits 	Nature of the Arts	Semester	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	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	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"> • Multiple credits 		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 • Paperback purchases not to exceed \$45.00 	Successful completion, "D" or better, of one full year of English at the eighth grade level.	Year	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 • Paperback purchases not to exceed \$45.00 	Successful completion, "D" or better, of one full year of English at the ninth grade level.	Year	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.	Year	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.	Year	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 Language & Composition <ul style="list-style-type: none"> • 1 Credit • Fee: cost of AP test (approx. \$85.00) • Paperback purchases not to exceed \$45.00 	English teacher recommendation	Year	<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>

Course	Pre-Requisite	Delivery	Description
Columbus State Community College: Composition I (ENGL 1100) Lecture: 3 hours	Prerequisite: ENGL 0190, minimum grade of "C" or COMPASS writing score of 69-99	Placement into course based on college entrance exam (COMPASS test)	English 1100 is a beginning composition course that develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise expository essays. The course facilitates an awareness of the interplay among purpose, audience, content, structure, and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized.
Columbus State Community College: Composition II: (ENG 2367) Lecture: 3 hours	Prerequisite: ENGL 1100; minimum grade of "C"		ENGL 2367 is an intermediate composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course also refines skills in researching a topic, documenting sources, and working collaboratively. Course reading and writing assignments are organized around the diversity of those who comprise the identities.
Intervention Reading <ul style="list-style-type: none"> 1.0 credit 		Semester or Year	This elective course is for reading support for students who need additional reading instruction. This class will provide extra support with basic reading foundational skills and/or OGT prep.

World Languages

Course	Pre-Requisite	Delivery	Description
FL313 French 1 <ul style="list-style-type: none"> 1 Credit 		Semester	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 2 <ul style="list-style-type: none"> 1 Credit 	"C" or better in French 1	Semester	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	Year	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 CSCCFR1101 May be taken for college credit. CSCCFR1102 <ul style="list-style-type: none"> Must pass 1101 first. 	"C" or better in French 3 AND teacher recommendation	Year or Semester	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 1 <ul style="list-style-type: none"> • 1 Credit 		Semester	<p>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.</p>
Course	Pre-Requisite	Delivery	Description
FL303 Spanish 2 <ul style="list-style-type: none"> • 1 Credit 	"C" or better in Spanish 1	Year or Semester	<p>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.</p>
FL305 Spanish 3 <ul style="list-style-type: none"> • 1 Credit 	"C" or better in Spanish 2	Year	<p>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.</p>
FL3110 Spanish 4 <ul style="list-style-type: none"> • 1 Credit 	"C" or better in Spanish 3	Year	<p>In the fourth year Spanish curriculum, students move from a focus on analysis of authentic materials to synthesis of those materials to support personal conclusions and viewpoints. Students move outside themselves in order to initiate discussions and compositions that substantiate their positions, and they engage in more sustained discourse. Advanced courses at the high school level and opportunities for post-secondary work prepare students for future language study. In keeping with the academy theme of Art and Beauty, students explore aesthetics of target language cultures, compare them to artistic expressions of their own culture, and reflect upon others' worldviews as expressed through art.</p>

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"> .5 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 <ul style="list-style-type: none"> .5 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 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>
PE004 Wellness Through the Arts: Zumba <ul style="list-style-type: none"> .5 Credits 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 Zumba specific rhythms and 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 		Year	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 	D or better in Algebra 1	Year	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 • Graphing calculator (TI-83+) required 	D or better in Geometry	Year	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	Year	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 <ul style="list-style-type: none"> • 1 Credit • Graphing calculator required 	C or better in Algebra 2	Year	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 	Pre-Calculus	Year	<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>
MATH 535 Algebra III/Trigonometry <ul style="list-style-type: none"> • 1 Credit • Graphing Calculator Required 	Algebra II	Year	This course mixes Algebra and Trigonometry standards to meet the fourth math credit requirement for students who are not on a path where an advanced math course is needed.

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 Math 1149 and Math 1151 are also options.	Prerequisite: Placement into MATH 1075 or higher	Semester or Year	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 or Year	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.
Intervention Math <ul style="list-style-type: none"> 1.0 credits 		Semester or Year	This elective course is for math support for students who need additional math instruction. This class will provide extra support with basic math foundational skills and/or OGT prep.

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.	Year	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 	Typically taken by 9 th and 10 graders.	Year	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.
SC643 Environmental Science <ul style="list-style-type: none"> 1 Credit 	Successful completion of physical science & biology.	Year	Environmental science incorporates biology, chemistry, physics and physical geology and introduces students to key concepts, principles and theories within environmental science. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.
SC631 Chemistry <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	Year	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	Year	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	Year	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.
SC635 Anatomy and Physiology <ul style="list-style-type: none"> 1 credit \$50 course fee 	"C" in Biology	Year	Anatomy and Physiology is a laboratory based study of the human body. This study includes molecules, cells, body system, and processes. Dissection may be a part of this course and supplies will be purchased with student course fees.

Social Studies

Course	Pre-Requisite	Delivery	Description
SS711 or SS711E World History 9 <ul style="list-style-type: none"> 1 Credit 		Year	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 American History 10 <ul style="list-style-type: none"> 1 Credit 		Year	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 		Year	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) 		Year	<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>
SS781 Capstone: The 21st Century Citizen <ul style="list-style-type: none"> 1.0 Credit 		Year	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.

<p>SS780 Capstone: Thesis</p> <ul style="list-style-type: none"> • 1.0 Credit 		Year	<p>The state of Ohio requires four social studies courses in order to graduate. This, the fourth in Encore Academy's series, offers students the opportunity to display what they have learned over the past four years in numerous courses while experiencing public service and recognizing the importance of giving back to the community. The course requires writing, journaling, and gathering evidence of works done during the year as well as works and learning from all the years of the student's high school experience. This is a hands-on course that requires the student be present and active all year at an approved pace and on tasks mutually determined between the student, the community, and the instructor(s).</p>
<p>Financial Literacy</p> <ul style="list-style-type: none"> • .5 Credit 		Semester	<p>Ohio's new legislation calls for all students to take a Financial Literacy course at some time during high school. This course is designed to help students learn how to budget money and finances including college financial aid. This course will also focus on financial planning and making responsible decisions with money.</p>