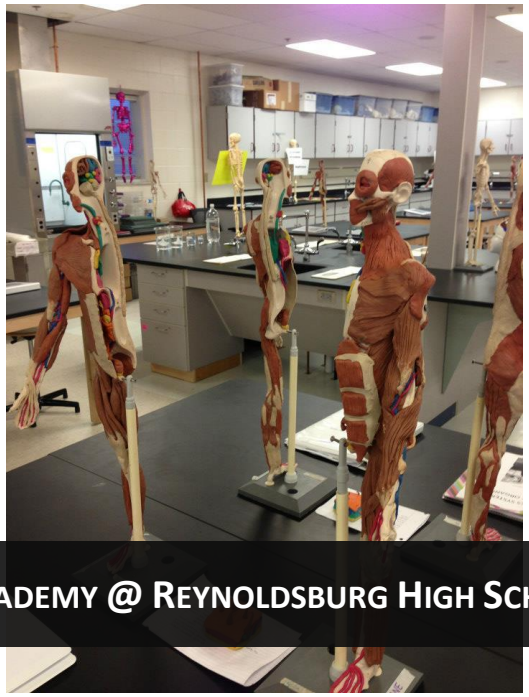

(HS)^2 Academy @ Reynoldsburg High School

Dawn McCloud, Principal
Kevin Smith, Vice Principal
Elizabeth Adams, College and Career Readiness Counselor

Livingston Avenue Campus
6699 E. Livingston Avenue

General Information

Promotion Requirements

Students in grades 9-12 shall be assigned to a grade level based on the number of credits previously earned. These guidelines may be used to help determine open enrollment student's grade level.

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

Transfer Credits

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

Transfer credits from a High School that is NOT a part of Reynoldsburg City Schools

Any student who transfers to Reynoldsburg High School 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.

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

Credit Flexibility

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

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

1. Every school district has a policy on credit flexibility. The student and family should find and review the policy.

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

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

There is not one way to develop a credit flexibility plan. The Department of Education does not provide a model plan. The student, school and family create the plan together. This includes discussion about any costs associated with the plan. The plan should include the costs and responsibility for payment. Families will be responsible for any cost incurred.

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

Two Ways to Earn Flex Credit

1. Credit by Examination—Student demonstrates mastery of curriculum on a nationally recognized assessment. I.E. STAR, ACT EOCE, MAP, etc
2. Individualized Credit Flex Plan—the student works in conjunction with the Guidance Counselor and a highly qualified teacher to develop a plan for earning credit outside of the school day.
    a) The teacher of record is responsible for monitoring work completion and giving a final grade.
    b) The guidance counselor is responsible for proper reporting of the course in PowerSchool and EMIS.

Considerations

Trips, club sports, hobbies, and other types of life experiences can qualify as credit flex, providing credits to the student's transcript. Please consult your Academy Counselor for additional clarification.

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

Reynoldsburg High School offers several specialized opportunities for collegiate entrance test preparation In class preparation in enriched:

1. Coursework

2. ACT and SAT review books in the Academy Main Office

Test Suggested	Timeline for taking test
PSAT	A practice SAT given in the fall of the sophomore and junior year. PSAT for juniors is the National Merit Scholarship qualifying exam.
ACT plus writing, SAT	It is recommended that students take the ACT/SAT after mastery of Algebra 2. Tests may be retaken again in the senior year if desired, with attention paid to college entrance deadlines.
Compass	College readiness placement exam in Reading and Math. All ninth grade students will participate during second semester.

3. Ohio University-Pickerington and Capital University, Kaplan and the Princeton Review offer ACT/SAT preparation courses for a fee.

4. ACT Bootcamp at both Summit and Livingston Campus before the October and April administrations.

5. Practice test on websites: www.act.org, www.collegeboard.org

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 recommended	Number of credits
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 Education	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 Languages, 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.

College Credit Plus (CCP) (Formerly known as Dual Enrollment & PSEO)

CCP is intended for students who desire to earn college credit or dual high school/college credit through enrollment in college level coursework.

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.

Requirements for CCP

* Prior to March 1, attend a mandatory parent information meeting during the evening hours. Date and time to be announced.
* By April 1, notify your Academy Counselor if you intend to participate in CCP next school year.

The Academy Counselor will assist students in determining a course's equivalency to high school course(s).

Refer to college/university of enrollment for transferability of credits.

CCP Retake Guidelines

These guideline are designed to provide Reynoldsburg families on who is responsible for paying for the retake of courses under College Credit Plus legislation.

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

College Credit Plus – Athletic Eligibility

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

It is highly recommended that you review the program requirements and obtain a copy of the regulations governing College Credit Plus. This information can be found at www.ohiohighered.org/ccp. In addition, eligible student selecting to participate in CCP must be certain that 1.) The faculty members at the post-secondary intuition understand that they will need to provide grades or a progress report at the time when the high school's grading period is over, and 2.) The student-athlete is taking enough post-secondary course work exclusively or between the post-secondary institution and the high school combined to be equivalent to five one-credit courses. Calculating equivalency of credits in the post-secondary institution is conducted in the same manner as in the high school, based on the Carnegie unit. **College course for which three or more semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately.**

Examples of CCP options:

Example 1: 1st Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (Must Equal 5 Units or Equivalent)
History	High	1 (year course)	1 x 1 = 1
Literature	CCP	3 semester hours	1 x 2 = 2
Calculus	CCP	5 semester hours	1 x 2 = 2
Biology	CCP	3 semester hours	1 x 2 = 2
Total Credits			7 = eligible for 2nd grading period provided five credits passed.

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

Example 2: 4th Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (Must Equal 5 Units or Equivalent)
French	CCP	5 semester hours	1 x 2 = 2
Sociology	CCP	3 semester hours	1 x 2 = 2
Computers	CCP	2 semester hours	.67 x 2 = 1.34
Geology	CCP	3 semester hours	1 x 2 = 2
Total Credits			7.34 = eligible for 1st grading period of next school year provided five credits passed.

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

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

Quick Reference for Protecting Student Eligibility

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

NOTE: The OHSAA has no minimum grade point (GPA) requirement, thus issues regarding eligibility when only the GPA is of concern is strictly a local school district matter and not an OHSAA matter.

****Please note, Reynoldsburg City Schools has a 1.75 GPA requirement. The NCAA has a 2.3 GPA requirement. If you would like further information about NCAA eligibility, please visit their website.**
For additional information, contact:

Ohio High School Athletic Association
4080 Roselea Place, Columbus, Ohio 43214
Office Hours: Monday – Friday 7:30 a.m. – 4:30 p.m.
Telephone: (614) 267-2502 ® **Fax:** (614) 267-1677 ® **Website:** ohsaa.org
The complete text of the Bylaws and Regulations is published in the OHSAA Handbook, which is mailed to your school each summer and is posted on the OHSAA website.

Graduation Requirements

Minimum Graduation Requirements (by credits)

	Class of 2017
English	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)
Science	3 credits (Must include one credit of Physical Science and one credit of Biology)
Mathematics	4 credits (Must include one credit of Algebra 2)
Health & PE	1 credit total (.5 credit of Health, .5 credit of PE or completion of a PE Waiver)
Electives	5 credits (Students are strongly suggested to take at least 2 years of a foreign language)
TOTAL	Minimum of 20 credits

CLASS OF 2018 AND BEYOND

Ohio requires students to take and complete a minimum of 20 required credits.	State Minimum
English language arts	**4 units**
Health	**½ unit**
Mathematics	**4 units[1]**
Physical education	**½ unit[2]**
Science	**3 units[3]**
Social studies	**3 units[4]**
Electives	**5 units[5]**
Additional credits, if any, in district requirements	
Other Requirements	
Economics and financial literacy[6]	
Fine arts[6]	

AND

AND MEET ONE OF THE FOLLOWING THREE:

1. **Ohio's State Tests**
   Students **earn a cumulative passing score of 18 points**, using seven end-of-course state tests. To ensure students are well rounded, they must earn a minimum of four points in math, four points in English and six points across science and social studies.
2. **End-of-course exams are:**
   - Algebra I[7] and geometry or integrated math I and II
   - Biology
   - American history and American government
   - English I and English II

3. Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in biology, American history or American government may take and substitute test scores for end-of-course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these science and social studies subjects for end-of-course state exams.

Additional Information

1 **Mathematics** units must include one unit of algebra II or the equivalent of algebra II.

2 **Physical education** - School districts may adopt a policy that would exempt students who participate in interscholastic athletics, marching band or cheerleading for two full seasons.

3 **Science** units must include one unit of physical sciences, one unit of life sciences and one unit of advanced study in one or more of the following sciences: chemistry, physics or other physical science; advanced biology or other life science; astronomy, physical geology or other earth or space science

4 **Social studies** units must include ½ unit of American history and ½ unit of American government in three units required for the classes of 2018 and 2019. The class of 2021 will need ½ unit in world history and civilizations in their required three units as well as American history and American government.

5 **Elective credits** must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.

6 **Other state requirements** - All students must receive instruction in economics and financial literacy during grades 9-12 and must complete at least two semesters of fine arts taken any time in grades 7-12. Fine arts is not a requirement for students following a career-technical pathway.

7 **The State Board of Education** may decide to include an algebra II end-of-course examination in place of the algebra I end-of-course exam beginning for students entering ninth grade on or after July 1, 2016.

For more information visit the following link: http://education.ohio.gov/Topics/Ohio-Graduation-Requirements/Graduation-Requirements-2018-and-Beyond

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.
- 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.

Students may participate in the Physical Education Evaluation. For more information, please visit this link.

http://education.ohio.gov/Topics/Ohios-Learning-Standards/Physical-Education/Physical-Education-Evaluation-updated/Frequently-Asked-Questions-About-the-Physical-1

State of Ohio Honors Diploma

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 seven of the following eight criteria:

1. Earn four credits of English
2. Earn four credits of math, which shall include at least the competencies obtained in Algebra I, Geometry and Algebra II and another higher level course or a four-year sequence of courses which contains equivalent content.
3. Earn four credits of science, including Physics and Chemistry.
4. Earn four 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. 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*.
8. Obtain composite score of 27 on the American College Testing (ACT) tests or 1210 on the Scholastic Assessment Tests (SAT).* 7th semester overall GPA

Students who complete at least two years of an **intensive vocational or technical education curriculum** shall meet at least seven of the following eight criteria.

1. Earn four credits of English, which may include one credit of applied communication.
2. Earn four credits of math, which shall include at least the competencies obtained in Algebra I, Geometry and Algebra II and another higher level course or a four-year sequence of courses which contains equivalent content.
3. Earn four credits of science, including two Advanced Sciences.
4. Earn four credits of social studies.
5. Earn four credits in the student's career-technical education curriculum.
6. Maintain an overall high school GPA of at least 3.5 on a four-point scale up to the last grading period of the senior year.
7. Obtain composite score of 27 on the American College Testing (ACT) tests or 1210 on the Scholastic Assessment Tests (SAT-CR+M).
8. Achieve the proficiency benchmark established for the appropriate Ohio Career-Technical Competency Assessment or the equivalent.

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. These students wear a white Honor Cord at Commencement.

Honors Cords
Blue Honors Cords are worn at Commencement by students who earned a Cumulative Grade Point Average of 3.5 – 3.99 during their high school career.

Green Honors Cords are worn at Commencement by students who earned a Cumulative Grade Point Average of 3.1 – 3.49 during their high school career.

And One Initiative - Reynoldsburg High School 2016-2017

Reynoldsburg High School's teachers and administrators strive to provide a rigorous and meaningful education to all students. In preparing students to be career and college ready, it is our goal to have 100% of Reynoldsburg High School students graduate with a high school diploma, plus at least one other educational or work experience before leaving high school so that they are more marketable in a competitive workforce and/or application process.

The *And One* initiative includes the following options for students:

Senior Capstone: Community Service
Junior/Senior Internship
College Credit Plus Pathways

Please see course descriptions for each option in the individual Program of Study for each academy.

Presidential Award for Educational Excellence

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

1. Students are to earn a GPA of 90 on a 100-pt. scale (an A- on a letter scale or a 3.50 on a 4.00 scale).
   AND either

2. Standardized Achievement tests score of ACT/SAT score at the 85th percentile or higher in math or reading;
   OR

3. Recommendation from a teacher plus one other staff member to reflect outstanding achievement in one or more Academic areas reflecting the school's core curriculum. These recommendations must be supported by tangible evidence of the student's outstanding achievement. Some examples include teacher-made tests, portfolios, special projects, volunteer/community service, and demonstration of creativity.

President's Award for Educational Achievement

The Presidential certificate is a **seniors-only** award. The purpose of this award is to recognize students that show outstanding educational growth, improvement, commitment or intellectual development in their academic subjects but do not meet the criteria for the President's Award for Educational Excellence. This award should not be compared to the President's Award for Educational Excellence or be seen as a second tier award, for it recognizes a very different type of academic achievement. It is meant to encourage and reward students who work hard and give their best effort in school, often in the face of special obstacles to their learning.

This award is given at the principal's discretion based on the criteria developed at the school. The criteria should reflect the purpose of the award and must be applied fairly to all students.

The following are examples of criteria for which the President's Award for Educational Achievement may be presented: Show tremendous growth but did not meet all the criteria for the President's Award for Educational Excellence. Demonstrate unusual commitment to learning in academics despite various obstacles.

Maintain a school record that would have met the school's selection criteria for the President's Award for Educational Excellence but illness, personal crisis, or special needs prevented the student from maintaining such high standards despite hard work.

Achieve high scores or show outstanding growth, improvement, commitment or intellectual development in particular subjects, such as English, math, science, etc.

Demonstrate achievement in the arts such as music or theater.

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 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.

Types of Coursework offered at (HS)² Academy:

	Intended for	Considerations	Registration Recommendations	Academic Content
Enriched Coursework	• Students who desire enrichment opportunities in preparation for Advanced Placement or college Coursework.			• Ohio's Academic Content Standards are enriched with rigorous content and higher level thinking skills to prepare students for success with AP and college coursework.
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 is recommended. Students must declare intent to take AP exam by December 1. • AP Exam cost – approx. $ 92.00 • AP course grades are weighted in the calculation of the GPA each grading period if students complete the AP exam.	• Students submit an application during registration process. • Students must successfully complete prerequisite coursework.	• Advanced Placement Exam content as recommended by the College Board.
College Credit Plus	• Students taking coursework 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. • The student must 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 College Credit Plus partnership.
Career Center	Students who have visited Eastland or Fairfield Career Centers and found a program in which	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	

	Intended for	Considerations	Registration Recommendations	Academic Content
	they would like to enroll.			
Credit Flex	• Students who are prepared physically and mentally for challenges and learning experiences outside the high school environment.	• Trips, club sports, hobbies, and other types of life experiences often can qualify as credit flex, 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 credit flex opportunity.	• This can vary greatly, but often involves credit for courses that are not core academically, such as physical education, health, foreign language, etc.
Virtual/Online	• Students taking coursework that is offered in conjunction with agreements the high school maintains with area providers.	• Students receive credit from the high school for successful completion of the course.	• Seats may be limited and determined on a yearly basis.	Program descriptions found later in this Program of Studies.
Blended Learning	• All (HS)^2 students at some point in their high school career.	• Students will be required to complete learning outside of the classroom walls.		• Ohio's Academic Content Standards

Art – Visual, Technical and Performing

Succession of Coursework

Depending upon art coursework successfully completed, students have the following options for choosing Visual and Performing Arts coursework:

Year 1	Year 2	Year 3	Year 4
Visual Arts: • Art I: Foundations of Art (1.0 credit)	**Visual Arts:** • Art I: Foundations of Art (1.0 credit)	**Visual Arts:** • Art History (.50 credit) (online)	**Visual Arts:** • Art History (.50 credit) (online)
Performing Arts: • Men's Chorus (1.0) • Women's Chorus (1.0) • Marching Band (0.50) • Prelude Orchestra (1.0) • Concert Orchestra (1.0)	**Performing Arts:** • Women's Chorus (1.0) • Men's Chorus (1.0) • Chamber (1.0) • Symphonic Band (1.0) • Marching Band (0.50) • Prelude Orchestra (1.0) • Concert Orchestra (1.0)	**Performing Arts:** • Women's Chorus (1.0) • Men's Chorus (1.0) • Chamber (1.0) • Symphonic Band (1.0) • Marching Band (0.50) • Prelude Orchestra (1.0) • Concert Orchestra (1.0) • Performing Arts (Eastland)	**Performing Arts:** • Women's Chorus (1.0) • Men's Chorus (1.0) • Chamber (1.0) • Symphonic Band (1.0) • Marching Band (0.50) • Prelude Orchestra (1.0) • Concert Orchestra (1.00) • Performing Arts (Eastland)

Course	Suggested Prerequisites	Delivery	Description
Art 1: Foundations of Art 1.0 credit		Full year	This is an entry-level art class. This class will focus on developing basic drawing and art skills with a focus on science. You will use a variety of drawing media while learning about principles and elements of design, creativity, advertising, perspective drawing and more. You will also learn to use a sketchbook to develop your visual ideas throughout the school year. Grades are based upon a combination of student, peer, and teacher evaluations.
Advanced Art-Painting 1.0 credit	Art Foundations Teacher recommendation is required. Class is limited to 15 students.	Full Year	This class will explore a variety of painting experiences. Acrylic, tempra and water colors will be used. You will create both personal paintings and large group paintings for RHS. Solid drawing skills are necessary along with an interest in exploring paint as an artistic medium.
Advanced Art-Drawing 1.0 credit	Art Foundations Teacher recommendation is required.	Full Year	In this class you will work to further the drawing skills that were developed in the Art Foundations class. You will have the opportunity to work with still life, landscapes, animal portraits and people portraits. You will also work to develop your own personal expressions using a variety of drawing medium.

Course	Suggested Prerequisites	Delivery	Description
Art History .50 credit **Fee:** none		Online course offered through partner	Students are given the opportunity to create their own history timeline, study the eras of art style online and explore the artist icons of that period. The course will include historical, social, and cultural contexts, creative expression and communication, analyzing and responding, valuing arts/aesthetic reflection.
Music Theory .50 credit		Semester	Music Theory is a course designed for the student who is planning a career in music, or the student who just wishes to dig a little deeper into the fundamentals of music. This semester course will build on basic music knowledge, and will also include music composition. This course is open to juniors and seniors who are in the school band, choir, or orchestra programs, or other upper classmen with permission of the instructor.
FA079 Chamber Singers • 1.0 Credits • Grades: 9-12	Permission of Instructor	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. Some after school rehearsals are required. Attendance at all rehearsals and performances is mandatory. Participation in Men's or Women's Chorus is also mandatory. Apparel expenses are involved. Students must audition or be invited by director to be admitted.
FA075 Women's Chorus • 1.0 Credits • A $40 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 upon request. Some after school rehearsals are required. Attendance at all rehearsals and performances is mandatory. Required district music fee of $40 applies. Additional department fee for robe cleaning also applies.
FA076 Men's Chorus • 1.0 Credits • A $40 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 upon request. Some after school rehearsals are required. Attendance at all rehearsals and performances is mandatory. Required district music fee of $40 applies. Additional department fee for robe cleaning also applies.
FA085 Symphonic Band • 1.0 Credits • Grades: 9-12 • A $40 fee is required	Junior High band or equivalent AND permission of director	All year	The Reynoldsburg High School Symphonic Band studies and performs Grade 3-31/2 wind band literature. Repertoire includes a variety of compositions composed or arranged for the intermediate high school wind band. Performances include three yearly concerts, OMEA Large Group Contest, and OMEA Solo and Ensemble Contest at the discretion of the director. Attendance at all performances and rehearsals is mandatory. This ensemble is best suited for the developing musician who

Course	Suggested Prerequisites	Delivery	Description
			wants to improve on basic band concepts. Private instruction is strongly recommended.
FA087 Wind Symphony • 1.0 Credits • Grades: 10-12 • A $40 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 • 1.0 Credits • Grades: 9-12 • A $80 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 • 1.0 Credits • Grades: 9-12 • Instrument required; other as listed in the Orchestra handbook A $40 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 B or C categories. Required after-school rehearsals are part of the curriculum. Participation in all performances (including OMEA State Orchestra Adjudicated Event and tour to the elementary schools) is mandatory. Solo and Ensemble adjudicated events are available to members of this group. Private instruction is strongly recommended.
FA095 Concert Orchestra • 1.0 Credits • Grades: 10-12 • Instrument required; other as listed in the Orchestra handbook A $40 fee is required	Audition, permission of the director	All year	The Concert Orchestra is a select performance group of students who play the violin, viola, cello, or bass. Students must audition (and be accepted) to be in Concert Orchestra and have that class on their schedule EVERY DAY! Students learn and perform music from the Renaissance to Modern periods of music. This group will play literature in the OMEA Class A or B categories. Required after-school rehearsals are part of the curriculum. Participation in all performances (including OMEA State Orchestra Adjudicated Event and tour to the elementary schools) is mandatory. Solo and Ensemble adjudicated events are available to members of this group. Private instruction is strongly recommended.

English Language Arts

Succession of English Coursework:
Graduates from (HS)^2 must earn a minimum of four English Language Arts credits.

Course 1	Course 2	Course 3	Course 4
English 9 (1.0 credit) or English 9 Enriched (1.0 credit)	English 10 (1.0 credit) or English 10 Enriched (1.0 credit)	English 11 (1.0 credit) or Advanced Placement English Language and Composition (1.0 credit) or CSCC English 1100/2367 (1.0 credit each)	Capstone English 12 (1.0 Credit) or Advanced Placement English Language and Composition (1.0 credit) or CSCC English 2204/2232 (1.0 credit each)

Commented [K1]: Where is bodies english (Enriched English 12…)?

Course	Suggested Pre-Requisites	Delivery	Description
English 9 1.0 credit **Fee:** Paperback purchase not to exceed $35.00		2 semesters single-block	This standards-based course provides an opportunity for learning grade level skills. World literature is studied to serve as a springboard for writing, research, and speaking activities. The analysis of short stories, novels, drama, and poetry is integrated across the curriculum.
English 9 - Enriched 1.0 credit **Fee:** Paperback purchase not to exceed $35.00	A "B" average or better in an 8th grade advanced English class OR English teacher recommendation.	2 semesters single-block	This standards-based course provides an opportunity for learning grade level skills. Additionally, this course prepares students for the rigor of further enriched English courses, eventually leading to Advanced Placement coursework. Critical thinking, writing, and discussion skills involved in the analysis of world literature and research skills as well as extensive vocabulary development, are emphasized and integrated across the curriculum.
English 10 1.0 credit **Fee:** Paperback purchase not to exceed $35.00		2 semesters single-block	This standards-based course provides an opportunity for learning grade level skills. English 10 is a continuation of English 9 and includes writing for various audiences as well as various forms of writing. Integration of world literature, writing, speaking, and research are also emphasized with integration across the curriculum.

English 10 - Enriched 1.0 credit **Fee:** Paperback purchase not to exceed $35.00	A "B" average or better in Literature & Composition 9 Enriched or its equivalent in another district OR an English teacher recommendation.	2 semesters single-block	This standards-based course provides an opportunity for learning grade level skills. Additionally, this course prepares students for the rigor of further enriched English courses, eventually leading to Advanced Placement coursework. Focusing on a chronological study of world literature, the rigorous curriculum demands extensive reading, writing, and researching as well as strong critical thinking skills and self-motivation with integration across the curriculum.
English 11 1.0 credit Fee: Paperback purchase not to exceed $35.00		2 semesters single-block	This standards-based course requires extensive reading of literature and writing. Using various sophisticated writing techniques, students write a number of papers.
English 12 1.0 credit Fee: Paperback purchase not to exceed $35.00		2 semesters single-block	This standards-based course requires extensive scientific reading and technical writing. During this course, students will develop their critical reading and writing skills to support their senior capstone research. This course provides students with skills required for a successful transition to university level English coursework.
Advanced Placement English Language & Composition 1.0 credit Fee: cost of AP test (approx. $91.00)	A "B" average or better in English 10 Enriched AND an English teacher recommendation	2 semesters single-block	The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. **Students who do not elect to take the AP exam will not receive weighted credit.**
ACT Prep 1.0 Credit		1 year	The purpose of this course is to assist students in preparing for the ACT Test. The focus of this course will include: ○ Exploring the format of the ACT Test ○ Understanding the types of questions found on the test ○ Developing strategies for answering questions correctly ○ Developing strategies for timed testing ○ Building confidence towards success

Columbus State Community College: **ENGL 1100** Composition I 3 college credits, 1 high school credit	Placement into course based on college entrance exam (COMPASS test) Prerequisite: ENGL 0190, minimum grade of "C" or COMPASS writing score of 69-99	Lecture: 3 hours	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: **ENG 2367** Composition II 3 college credits, 1 high school credit	Prerequisite: ENGL 1100; minimum grade of "C"	Lecture: 3 hours	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.
Columbus State Community College: **COMM 2204** Technical Writing 3 college credits, 1 high school credit	ENGL 1100	Lecture 3 hours	In this class, student will explore the principles and practices used in preparing common technical communications such as scientific reports, detailed instructions, and product/process descriptions. Students will create and deliver an oral presentation and prepare job search documents.
Columbus State Community College: **COMM 2232** Interpersonal Communication 3 college credits, 1 high school credit	Comp 1 & 2	Lecture 3 hours	COMM 2232 explores the communication that takes place in formal and informal face-to-face settings.

Computer Science

Course	Suggested Prerequisites	Delivery	Description
Exploring Computer Science		2 semesters single-block	Exploring Computer Science is a yearlong course consisting of 6 units, approximately 6 weeks each. The course was developed around a framework of both computer science content and computational practice. Assignments and instruction are contextualized to be socially relevant and meaningful for diverse students. Units utilize a variety of tools/platforms, and culminate with final projects around the following topics: Human Computer Interaction, Problem Solving, Web Design, Programming, Computing and Data Analysis, and Robotics.
AP Computer Science		2 semesters single-block	The AP Computer Science A curriculum provides resources, such as application-related labs, that connect with students with diverse interests, particularly female and underrepresented student populations. The course is engaging and underscores the importance of communicating solutions appropriately and in ways that are relevant to current societal needs. Thus, a well-designed, modern AP Computer Science A course can help address traditional issues of equality, access, and broadening participation in computing while providing a strong and engaging introduction to fundamental areas of the discipline.
Columbus State Community College: **CSCI 1001** Computer Fundamentals 3 college credits, 1 high school credit		Lecture: 1 hour	CSCI 1001 introduces the inexperienced computer user to the fundamentals of computer networking terminology, hardware, software, windows operating system, directories, folders, files, copy paste functions, naming conventions and setting passwords. Additional topics covered include the World Wide Web, the Internet, search engines and Blackboard.
Columbus State Community College: **CSCI 1101** Computer Concepts and Applications 3 college credits, 1 high school credit	**COMPASS placement into ENGL 1100**	Lecture: 2 hours	CSCI 1101 is designed to provide students with a working knowledge of computer concepts and the essential skills necessary for work and communication in today's society. Topics include social networking, computer security, safety, ethics, privacy, operating systems and utility programs, communications and networks, input, output, system units, storage, word processing, spreadsheets, databases and presentation software.

Commented [K2]: 2 words?

Mathematics

Succession of Mathematics Coursework:
Graduates from (HS)² must earn a minimum of four Math credits.

Course 1	Course 2	Course 3	Course 4
Integrated Math I (1.0 credit) or Integrated Math II (1.0 credit) or Integrated Math II Enriched (1.0 credit) or Algebra 2 (1.0 credit) or Algebra 2 Enriched (1.0 credit)	Integrated Math II (1.0 credit) or Integrated Math II Enriched (1.0 credit) or Algebra 2 (1.0 credit) or Algebra 2 Enriched (1.0 credit) or Algebra 3/Trigonometry (1.0 credit) or Algebra 3/Trigonometry Enriched (1.0 credit) or Pre-calculus (1.0 credit) or Pre-calculus Enriched (1.0 credit)	Algebra 2 (1.0 credit) or Algebra 2 Enriched (1.0 credit) or Algebra 3/Trigonometry (1.0 credit) or Algebra 3/Trigonometry Enriched (1.0 credit) or Pre-calculus (1.0 credit) or Pre-calculus Enriched (1.0 credit)	Algebra 3/Trigonometry (1.0 credit) or Algebra 3/Trigonometry Enriched (1.0 credit) or Pre-calculus (1.0 credit) or Pre-calculus Enriched (1.0 credit) or Advanced Placement Calculus (1.0 credit) or Algebra III Trigonometry (1.0 credit) or CSCC Math Courses

Course	Suggested Prerequisites	Delivery	Description
Integrated Math I 1.0 credit **Fee:** none **Supplies required:** TI-84 Calculator		2 semesters single-block	Algebra 1, paired with the Geometry course, is designed to prepare students to pass the Ohio Graduation Test with an emphasis on Ohio's algebra standards. A mastery exam is included in the semester and/or final exam.
Integrated Math II 1.0 credit **Fee:** none **Supplies required:** TI-84 Calculator	Successful completion of Integrated Math I	2 semesters single-block	This Geometry course, paired with the Algebra 1 course, is designed to prepare students to pass the Ohio Graduation Test. The basic purpose of geometry is to develop reasoning skills and problem solving strategies. A mastery exam is included in the semester and/or final exam.

Integrated Math II Enriched 1.0 credit **Fee:** none **Supplies required:** TI-84 Calculator	B or better in Integrated Math I	2 semesters single-block	This course, integrated with state standards, is similar to the Geometry course, but with more rigor and depth. This course provides the foundational principles for Advanced Placement math coursework. A mastery exam is included in the semester and/or final exam.
Algebra 2 1.0 credit **Fee:** none **Supplies required:** Graphing calculator (TI-84)	Successful completion of Integrated Math II	2 semesters single-block	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. A TI-84 Plus graphing calculator is required. A mastery exam is included in the semester and/or final exam.
Algebra 2 – Enriched 1.0 credit **Fee:** none **Supplies required:** Graphing calculator (TI-84)	B or better in Integrated Math II	2 semesters single-block	Algebra 2 concepts are taught at an enhanced level with more rigor and depth. Recommended calculator is the TI-84 Plus. This course provides the foundational principles for advanced placement math coursework. A mastery exam is included in the semester and or final exam.
Algebra 3/Trigonometry 1.00 credit **Fee:** none **Required Equipment:** Graphing calculator (TI-84)		2 semesters single-block	Algebra 3/Trigonometry is a college preparatory course. This course analyzes previously studied topics in Algebra 2 and introduces more in-depth Trigonometry. Topics also included: logic, relations, functions, basic set theory, counting arguments, proof techniques, mathematical induction, graph theory, probability, and number theory.

Commented [K3]: Consistency on calculator description

Algebra 3 Enriched 1.00 credit **Fee:** none **Required Equipment:** Graphing calculator (TI-84)		2 semesters single-block	Algebra 3 concepts are taught at an enhanced level with more rigor and depth. Recommended calculator is the TI-84 Plus. This course provides the foundational principles for advanced placement math coursework. A mastery exam is included in the semester and or final exam.
Pre-Calculus 1.00 credit **Fee:** none **Supplies required:** Graphing calculator (TI-84)	Recommended C or better in Algebra 2	2 semesters single-block	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.
Pre-Calculus – Enriched 1.0 credit **Fee:** none **Supplies required:** Graphing calculator (TI-84)	Successful completion of Algebra 2 Enriched	2 semesters single-block	This course is intended to be taken only by math students with a strong desire to successfully complete Advanced Placement Calculus. All Pre-Calculus topics will be covered in depth and students will learn how to use the capabilities of an advanced graphing calculator. A mastery exam is included in the semester and/or final exam.
AP Calculus AB 1.0 credit **Fee:** cost of AP test (approx. $92.00) **End of Course Assessment:** AP Calculus Exam **Supplies required:** Graphing calculator (TI-84)	Students must demonstrate mastery for each Common Core/ Quality Core/ AP Standard to advance.	2 semesters single-block	Advanced Placement Course whose curriculum is defined by the College Board. By enrolling in AP Calculus AB, students will have an opportunity to begin exploring college-level mathematics in advanced calculus. The study of calculus will be divided into two major topics: differential and integral calculus. Historically one of the greatest discoveries in

Commented [K4]: Missing AP Calculus

Commented [K5]: Missing AP Calculus

			mathematics, differential calculus solves the mystery of the slope of a curve. Differential calculus also calculates velocities and accelerations of moving bodies. Integral calculus studies areas of irregular regions in a plane, lengths of curves and other topics. Successful completion will develop a solid foundation in the Calculus AB topic outline as it is shown in the AP Calculus Course Description. Students selecting AP coursework are enrolled in the AP track for college credit and are recommended to take the AP Test at the end of the course to complete credit. Students who do not elect to take the AP Exam will not receive weighted credit. Choice must be made by end of first semester
Columbus State Community College: **Math 1148** College Algebra 4 college credits, 1 high school credit	Prerequisite: Placement into MATH 1075 or higher	Lecture: 4 hours	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.

Columbus State Community College: **MATH 1149** Trigonometry 4 college credits, 1 high school credit	MATH 1148	Lecture: 4 hours	This course is a study of the trigonometric functions, vectors, and related applications. Topics include right triangle trigonometry; trigonometry of general angles; the unit circle; the graphs of the trigonometric functions; analytical trigonometry; inverse trigonometric functions; verifying identities; solving trigonometric equations; the Law of Sines; the Law of Cosines; applications of trigonometry; polar coordinates and the graphs of polar equations; geometric and algebraic vectors; vector applications; plane curves and parametric equations; trigonometric form of complex numbers; DeMoivre's Theorem. The conic sections are defined and analyzed algebraically and graphically. Not open to students with credit for MATH 1150 and above.
Columbus State Community College: **MATH 1151** Calculus I 5 college credits, 1 high school credit	MATH 1149	Lecture 5 hours	The course provides an introduction to differential calculus. Topics presented include functions; limits, continuity, derivatives, differentiation rules, derivatives of the trigonometric, exponential, and logarithmic functions, related rates, extreme, curve sketching, and optimization. Course also introduces integral calculus: antiderivatives, define integral, Riemann sums, area under a curve, Fundamental Theorem of Calculus, numerical integration, Riemann sums, area under a curve, Fundamental Theorem of Calculus, numerical integration, integration by substitution, and derivatives and integrals of inverse trigonometric, hyperbolic, and inverse hyperbolic functions. Applications to problems in science and engineering are highlighted. Sections of this course are H-designed Honors classes.

Columbus State Community College: **MATH 1152** Calculus II 5 college credits, 1 high school credit	MATH 1151	Lecture 5 hours	This course continues the introduction to integral calculus. Topics covered include integration of exponential, logarithmic, trigonometric, inverse trigonometric functions; volume and surface area of solids of revolution, arc length, and methods of integration. Course also presents L'Hopital's Rule of Improper Integrals. Students will learn about infinite sequences and series. Their sum and/or convergence, conic sections, vectors in the plane and in space. Applications to problems in science and engineering are noted. Not open to students with credit for MATH 1157 or above
Columbus State Community College: **STATS 1350** **Statistics**	Prerequisite: MATH 1030 or MATH 1050; minimum grade of "C"	Lecture: 3 hours	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.
Introduction to STEM Design 1.0 credit Project Lead the Way Course		2 semesters single-block	Introduction to STEM Design is a yearlong course focused on exposing students to the design process, professional communication and collaboration methods, design ethics, and technical documentation. The class gives students the opportunity to develop skills in research and analysis, teamwork, engineering graphics, and problem solving through activity-, project-, and problem-based learning. This class has a particular emphasis on the impact of engineering and design on the medical field. Students will also be using 3-d printing to enhance their projects by actually getting to create some of their creations.

Foreign Language

Succession of Foreign Language Coursework:

College Preparatory students should take either 2 years of two languages or 3 years of a single language. Depending upon foreign language coursework successfully completed, students have the following options for choosing coursework. None of the foreign language options are weighted.

If a student is interested in learning a foreign language not listed as a course offering, he/she may have the option of taking that course online. Please schedule a meeting with our guidance counselor to discuss options.

Course 1	Course 2	Course 3	Course 4
Spanish 1 (1.0 credit) or French 1 (1.0 credit) *Distance Coursework:* • STEM Chinese 1 (1.0 credit) • STEM Chinese 2 (1.0 credit)	Spanish 2 (1.0 credit) or French 2 (1.0 credit)	Spanish 3 (1.0 credit)	Spanish 4 (1.0 credit)

Course	Suggested Prerequisites	Delivery	Description
Spanish 1 1.0 credit **Fee:** none		2 semesters single-block	This course is designed to introduce the student to the Spanish language and Spanish and Latino cultures. The basic objective of Spanish 1 is twofold: (1) Each student should attain a novice degree of proficiency in the fours skills of listening, speaking, reading, and writing with emphasis on communication skills. (2) Each student will begin to learn about the Spanish-speaking world and its cultures. Proficiency at this level is assessed throughout the course.
Spanish 2 1.0 credit **Fee:** none	"C" or better in Spanish 1	2 semesters single-block	This course is designed as a continuation of skill development from Spanish 1 with added emphasis on structure, speaking, and writing. The class is conducted in Spanish as much as possible. A great amount of oral participation in the language is required. More aspects of Spanish and Latino cultures are incorporated into the course. Mastery of this level is assessed throughout the course.

Spanish 3 1.0 credit **Fee:** none	"C" or better in Spanish 2	2 semesters single-block	This course is designed as a continuation of skill development from Spanish 2 for the motivated learner. Students demonstrate knowledge through a variety of assessments. Most of the class is conducted in Spanish. Students read short authentic works of fiction and non-fiction and are exposed to historical and current cultural materials.
Spanish 4 1.0 credit **Fee:** none	Successful completion of Spanish III with a 60% or higher.	2 semesters single-block	This course is designed to give advanced students the opportunity to refine and increase their abilities to write, read, and speak Spanish, as well as an introduction to literary works at the collegiate level. The course will have a strong emphasis on oral proficiency and will be conducted entirely in Spanish. Cultural and literary readings, and selected Spanish-language films are among the materials on which class discussion and assignments will be centered. Topics emphasized in readings, presentations, and special projects will deal with business, educational, governmental, and legal/ societal issues in Spanish and Latino cultures. A grammar review, focused mainly on advanced concepts and AP format will also be emphasized.
Mandarin Chinese 1 1.0 credit **Fee:** none (Offered at Summit Campus)	Students must demonstrate mastery for each standard to advance.	Blended Learning, 2 semesters	This course is designed to introduce the student to the Mandarin Chinese and Asian cultures. The basic objective of Mandarin Chinese is twofold: (1) Each student should attain a novice degree of proficiency in the fours skills of listening, speaking, reading, and writing with emphasis on communication skills. (2) Each student will begin to learn about the China and its cultures. Proficiency at this level is assessed throughout the course.
Mandarin Chinese 2 1.00 credit Fee: none (Offered at Summit Campus)	Students must demonstrate mastery for each standard to advance.	Blended Learning, 2 semesters	In Chinese 2 vocabulary and dialogues about people and daily activities are introduced in context through authentic dialogue settings and speaking scenarios. Speaking and listening skills continue to improve through daily use. Students are expected to create meaningful conversations, improve their cultural

			awareness, and discuss social and cultural implications of Chinese language and other cultural issues that arise. Writing practice and the reading of written Chinese will be incorporated in Chinese II, which includes stroke, radicals and phonetic components as well as basic sentence structure. This class is offered through Interactive Video Distance Learning, and will also incorporate the use of Moodle (online support) and daily recorded lessons of the interactive instruction as part of the classroom support structure.
French 1 1.0 credit **Fee:** none		2 semesters single-block	This course is designed to introduce the student to the French language and regionalism, as well as francophone culture and geography. Cultural emphasis is placed on francophone Canada and New Orleans. Students are assessed in listening, reading, writing and speaking.
French 2 1.0 credit **Fee:** none	"C" or better in French 1	2 semesters single-block	This course is designed as a continuation of French 1 with a cultural emphasis on Parisian history, life and landmarks. Students are assessed in listening, reading, writing and speaking.

Health and Physical Education

Succession of Coursework:
Graduates from (HS)² will earn 1.0 credit of Health and Physical Education.

Course	Suggested Prerequisites	Delivery	Description
Health 0.50 credit **Fee:** none		1 semester single-block	Required course for (HS)² freshmen. 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. Students will have the opportunity to earn CPR and First Aid Training.
Health: Emergency Care, CPR/AED and First Aid 0.50 credit		1 semester single-block	This course will teach the student how to recognize an emergency and how to respond. The student will be prepared to make appropriate decisions regarding first aid care and how to provide care for injuries or sudden illness until professional medical help arrives. The course will be taught in a blended format, with online material, class discussions, guest speakers, and hands on lab setting practicing first aid techniques discussed and demonstrated in class. Assessments will be in the form of online quizzes and tests, as well as performance bases. Students will be asked to respond and execute techniques in simulated scenarios throughout the semester. Upon completion of this course, students will earn a 2 year certification through American Heart Association in First Aid, CPR/AED (Adult, Child and Infant).

Commented [K6]: Is this still accurate now that there is a separate CPR/First Aid course?

Personal Conditioning 1 0.25 credit **Fee:** none		1 semester single-block	This elective course is designed for the students who would like to extend their personal fitness level by building an extensive personal training program. Personal Conditioning will address the topics of exercise, physiology, injury prevention, speed training, agility training, flexibility training, along with a complete weight lifting and cardiovascular conditioning program. Aerobic, anaerobic, and circuit training will be explored through multiple strength and interval training exercises. This class will also expose students to the fitness profession by exploring the fitness field through in-class speakers, hands-on experience and field trips when possible.
Personal Conditioning 2 0.25 credit **Fee:** none	Successful completion of Personal Training 1	1 semester single block	This elective course is designed for students who would like extend their personal fitness level by building an extensive personal training program. Advanced Personal Conditioning will build on the student's individual workout program designed in Personal Conditioning class. These will include topics of exercise, physiology, injury prevention, speed training, agility training, and flexibility training, along with a complete weight lifting and cardiovascular conditioning program. Students should have prior knowledge of safe weight room practices, correct lifting techniques and personal workout needs established in Personal Conditioning. Aerobic, anaerobic, and circuit training will be mastered through multiple strength and interval training exercises. This class will explore in detail the fitness profession by exploring the fitness field through in-class speakers, hands-on experience and field trips when possible. Each student will be responsible for creating, implementing and reflecting on their own exercise prescription.

Coaching and Officiating .25 Credit		1 semester single block	This course introduces students to the world of coaching and officiating. Students will learn basic aspects of officiating different sports, from rules, hand signals, techniques, and game management. The class will cover aspects to officiating the following sports: soccer, flag football, basketball, baseball, and softball. OHSAA certified officials will be guest speakers throughout the semester giving in put on skills and technique as well advice to young officials considering officiating as a career. Students will also be introduced to skills needed to become an effective youth coach and be certified as a NYSCA coach. The training will cover topics coaches of all sports need to know, such as working with parents; motivating kids; building confidence; instilling good sportsmanship; safety; and nutrition and hydration; among many other areas. This course will also certify students in CPR/AED and First Aid through the American Heart Association.

Students who participate in OHSAA sanctioned sports, cheerleading or band may request a "waiver" from the requirements for physical education. Each season constitutes one waiver and no credit is assigned as credit is waived. For example: A student who participates in band two years in a row may receive waivers for both physical education requirements. The waiver does not award credit and there are no implications for grade point average.

Business, Marketing, and Entrepreneurship

Succession of Course

Graduates from (HS)^2 can choose to take elective coursework in the areas of Business, Marketing, and Entrepreneurship and become members of DECA. Students interested in these courses should speak with the DECA advisor.

Course	Suggested Prerequisites	Delivery	Description
Business Foundations/ Management Principles	9th & 10th grade students	2 consecutive semester courses	Introduction to business course. Topics covered include: Basic Marketing and Business concepts, Employability skills, Leadership, Communications, and Technology Skills.
Digital Marketing and Management	11th grade students whom have successfully completed an introductory course (business foundations/ entrepreneurship/ professional and technical sales/ r-design)	Full year	The focus of this class is to integrate business skills to apply tools, strategies and processes to communicate digitally. Students will create, implement, and critique online advertising, email marketing, websites, social media, video or images and podcasts/webcasts. Students will apply project management techniques to guide and control digital communications efforts. Roles and responsibilities could include assisting with the shirt press, operating a successful morning show, and development of a school/class website.
Operations Management with or without a Co-Op option	12th grade students whom have successfully completed an introductory course (business foundations/ entrepreneurship/ professional and technical sales/ r-design)	Full Year	Students will learn to plan, organize, and monitor day-to-day business activities. They will use technology to plan production activities. Roles and responsibilities could include running and operating the school store. Co-Op option would provide an additional credit for students who wither have a job and can receive credit for working, want a job and need help finding one, or can even receive credit for working in the school store. Teacher will assist with job placement as well as monitoring student work ethic at employment.
Marketing: Entrepreneurship .50 Credit		1 semester single-block	Students will answer essential questions about how to be an entrepreneur in a business they can start or own and as an associate for a company or organization. The qualities and characteristics that make one successful will be

Fee: none			examined. Students will complete projects, which include interviews and presentations as well as a small business plan. DECA membership (student organization) is available but not required.
Marketing: Marketing, Management & Research 1.0 Credit **Fee:** none		2 semesters single-block	This is an introductory-level survey of a marketing and business course that will include project- and inquiry-based learning of marketing and business as well as economics and its many interdependent functions. A heavy emphasis is placed on public speaking, human relations, team building and professionalism as well as research and design. Students will learn how business is a part of a community. Students will operate and manage a school store. DECA membership (student organization) is available but not required.
Retail and Consumer Services .50 Credit **Fee:** none	Interview with the instructor.	up to 2 semesters single-block	Active learning of retail business and management. Concepts and practice in Promotion, Customer Service Relationships, Selling, and Merchandising are introduced. Students will have the opportunity to enrich their experience through the creation of a small business plan. The school store laboratory is used as the classroom. This course can be taken up to a maximum of six semesters with instructor approval. DECA membership (student organization) is available but not required.

Science

Succession of Science Coursework:

Graduates from (HS)^2 must earn a minimum of three Science credits.

Course 1	Course 2	Course 3	Course 4
Physical Science (1.0 credit) or Biology (1.0 credit) or Biology Enriched (1.0 credit)	Biology (1.0 credit) or Biology Enriched (1.0 credit) or Chemistry (1.0 credit) or Chemistry Enriched (1.0 credit) Or Principles of Biomedical Sciences (1.0 credit)	Chemistry (1.0 credit) or Chemistry Enriched (1.0 credit) or Physics (1.0 credit) or Anatomy & Physiology (1.0 credit) or Principles of Biomedical Sciences (1.0 credit)	STEM Bodies (3.0 credits) or Anatomy & Physiology (1.0 credit) or AP Chemistry (1.0 credit) (online) or College Biology 1113 (1.0 credit) or College Biology 1114 (1.0 credit) or Physics (1.0 credit) or Forensics and Bioethics (1.0 credit total)

Course	Suggested Prerequisites	Delivery	Description
Physical Science 1.0 Credit	Typically taken by 9th graders with a science OAA score less than 400.	2 semesters single-block	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.
Biology 1.0 credit **Fee:** none		2 semesters single-block	This standards-based course explores basic life and environmental science concepts including environmental quality, cells, biochemistry, and genetics, while focusing on personal well-being.
Biology Enriched 1.0 credit **Fee:** none	At least a "B" in previous science courses and/or teacher recommendation.	2 semesters single-block	This standards-based course explores basic life and environmental science concepts including environmental quality, cells, biochemistry, and genetics, while focusing on personal well-being. This course provides the foundational principles for advanced placement science coursework.

Chemistry 1.0 credit **Fee:** none		2 semesters single-block	This course deals with all of the substances that make up our environment and with the changes that take place in these substances. The course integrates the laboratory and textbook work, thereby developing the relationships between experiment and theory.
Chemistry Enriched 1.0 credit **Fee:** none	At least a "B" in Biology.	2 semesters single-block	This course deals with all of the substances that make up our environment and with the changes that take place in these substances. The course integrates the laboratory and textbook work, thereby developing the relationships between experiment and theory. This course provides the foundational principles for advanced placement science coursework.
Nutrition 0.50 credit **Fee:** none		1 semester single-block	The primary purposes of this course are to help in identifying important food nutrients and their functions. Topics include nutritional requirements at different developmental stages: digestion, absorption, storage, and metabolism of major nutrients; energy balance and caloric requirements. Students work on a range of topics including dietary needs assessment, caloric expenditure, and effect of diet on growth and development, and dietary surveys. Also, the study of nutrition in relation to growth development, and maintenance of the body is emphasized.
Physics 1.0 credit **Fee:** $25 for lab supplies		2 semesters, single-block	This course is a math based physics course intended for college-bound students planning on a major in any medical, engineering, computer, or electronics technology. Physics deals with principles that tell us how and why our world works. Topics such as force and motion, heat, sound, light, electricity and magnetism are included. The course is designed to develop the students' analytical, problem solving and networking skills and integrate math, science and technology.
Anatomy and Physiology 1.0 credit **Fee:** $15 for lab supplies		2 semesters, single block	Anatomy and physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems, and processes. Dissection of a cat and other appropriate organs will compliment course work.

STEM Bodies Science • Human Body Systems • College Biology 3.0 High School Science Credits, 8.0 college credits Own transportation required for lab experiences. Any student interested will be asked to attend a focused informational meeting.	Teacher Approval Completion of Biology and Chemistry high school courses; recommended 3.0 GPA; application and acceptance into dual enrollment courses	Capstone component for BODIES.	STEM Bodies is a full-year, early college program in which grades 11-12 students are engaged as emerging professionals in the biomedical field. This program is a rigorous option for students willing to meet academic challenges. This program meets for three hours (four periods). During each semester, students complete an activity-based biomedical sciences classes in addition to two college biology courses (*Biology 1113* and *Biology 1114*). In the spring each student will engage in rotations with professionals in the biomedical field. During the year-long program, students learn biological sciences content, practice personal professionalism, apply authentic research skills, and develop presentation and communication skills. High work standards and professionalism are expected as students explore and immerse themselves in biomedical fields
Human Body Systems (HBS) 1.0 credit Project Lead the Way Course in Bodies Program		2 semesters single-block	Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professional to solve real-world medical cases.
AP Chemistry 1.0 credit **Fee:** cost of AP test (approx. $92.00)		2 semesters, single block	Advanced Placement Chemistry is a first-year college-level course in chemistry covering topics such as molecular chemistry, thermodynamics, kinetics, equilibrium, electrochemistry and descriptive chemistry. There is an emphasis on chemical calculations and the mathematical formulation of principles. Students are required to take the College Board AP exam.
Forensics 0.5 credit	None	1 semester single-block	This course explores the areas of science that are relevant to the law. It involves gathering scientific evidence proving that a crime has occurred and by whom. Students gather this evidence by performing laboratory activities and learning about various forensic examinations like pathology, entomology and anthropology.

Bioethics 0.5 credit	None	1 semester single-block	This course explores ethical questions related to the life sciences. Students will examine various case studies and conduct research to support all aspects of the ethical dilemma.
Principles of Biomedical Science (PBS) 1.0 credit Project Lead the Way Course		2 semesters single-block	In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.
Science Intervention		2 semesters single-block	This intervention course will provide a concise review of high school level science to help prepare students for state-mandated testing. The course begins with a diagnostic test, followed by study skills. Students will then focus on major concepts, understandings, and skills in the areas of physical science, earth and space science, genetics and heredity, and life science that are included in Ohio's science curriculum. The course will end with two practice tests.
Columbus State Community College: **Biology 1111** 1.0 high school credit, 4 college credits			This is an introductory course in general biology for the nonmajor. Topics include cell structure and function, bioenergetics, DNA structure and function, biodiversity, ecology and evolution.
Columbus State Community College: **Biology 1112** 1.0 high school credit, 4 college credits			This course introduces the study of human biology for the non-major student. Lessons include a detailed and topical study of the human body systems for skeletal, muscular and endocrine to learning about the brain, heart, lung, kidney, reproduction and the digestive system. Development, genetics, human populations and evolution, immunology and cancer as each impacts on humans will also be covered. This course includes a hands-on laboratory experience which emphasizes select lecture topics.

Columbus State Community College: **Biology 1113** 1.0 high school credit, 4 college credits	High school Biology and Chemistry	Component of BODIES capstone Lecture: 3 hours - Lab: 3 hours	The first half of a two-course sequence designed to give students majoring in the sciences an intensive introduction to the Biological sciences. Subjects covered in the course include biochemistry, cell biology, cell metabolism, genetics, gene technology, animal development and defense mechanisms of the body.
Columbus State Community College: **Biology 1114** 1.0 high school credit, 4 college credits	High school Biology and Chemistry	Component of BODIES capstone Lecture: 3 hours - Lab: 3 hours	The second half of a two-course sequence designed to give students majoring in the sciences an intensive introduction to the Biological sciences. Topics covered in this course include evolution, taxonomy, anatomy and physiology of plants and animals, behavior and ecology.

Social Science

Succession of Social Science Coursework:
Graduates from (HS)² must earn three Social Science credits.

Course 1	Course 2	Course 3	Course 4
Modern World History (1.0 credit) or Modern World History Enriched (1.0 credit)	US History (1.0 credit) or US History Enriched (1.0 credit)	Government (1.0 credit) or AP Government (1.0 credit)	Health and Human Advocacy/Globalization Elective options: Sociology 1101 Psychology 1100 POLS 1100 ECON 2200 PHIL 1130

Commented [K7]: Pair globalization with HHA the way we did Bioethics and forensics above...

Commented [DM8R7]:

Course	Suggested Prerequisites	Delivery	Description
Modern World History 9 or Modern World History Enriched 1.0 Credit Fee: **none**		2 semesters single-block	Modern World History will cover significant events from the Enlightenment period to present focusing on world events in Europe, Africa, Asia, and Latin America. Students will focus on organization and study skills with an emphasis on test preparation.
American History 10 or American History Enriched 1.0 Credit		2 semesters single-block	This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

US Government 11 1.0 Credit		2 semesters single-block	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 and 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. Financial Literacy is embedded in this course.
Globalization 12		1 semester, single block	This course examines contemporary social, political, economic, and environmental issues in the 21st century world, with particular emphasis on the impact of globalization. The dynamics of global interactions among nations and regions present issues that affect all humanity. Specific issues to be covered include: collective security, terrorism, human rights, immigration, international trade, health crises and sustainability. Students will examine problems and solutions from multiple perspectives, and learn how Individuals and groups have the capacity to impact global issues. This course includes opportunities for students to participate in service learning and prepare research for senior capstone.
Health and Human Advocacy 12		1 semester, single block	Students will begin this research oriented course to explore topics relating to environmental concerns, human rights and/or health concerns, or issues concerning human development. The course challenges students to develop and hone research and presentation skills.

Advanced Placement US Government 1.0 Credit Fee: cost of AP exam (approx. $92.00)		2 semesters single-block	Advanced Placement U.S. Government gives students an analytical perspective on government and politics in the United Stated. 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. *A weighted, AP credit is not awarded to the student unless the student takes the AP exam.
Columbus State Community College: **ECON 2200** Principles in Macroeconomics 3 college credits, 1 high school credit	**MATH 1030 or 1050 "C" or better & Placement into ENGL 1100**	Lecture: 3 hours	This course introduces students to the economic decision-making of individuals and firms. Topics include scarcity, opportunity cost, supply and demand, consumer choice, elasticity, market structure, profit maximization, resource markets and international trade.
Columbus State Community College: **PHIL 1130** Ethics 3 college credits, 1 high school credit	ENGL 1100	Lecture: 3 hours	This course introduces students to moral reasoning, examining theories of right and wrong, good and bad, justice and injustice as they have been viewed in the past and as they shed light on contemporary ethical issues. PHIL 1130 meets elective requirements in the Associate of Arts and Associate of Science Degree programs and distributive transfer requirements in philosophy and humanities.
Columbus State Community College: **POLS 1100** Introduction to American Government 3 college credits, 1.0 high school credits	**ENGL 1100**	Lecture: 3 hours	This course introduces students to the nature, purpose and structure of the American political system. Attention is given to institutions and processes that create public policy. The strengths and weaknesses of the American political system are discussed, along with the role of citizens in a democracy.

Columbus State Community College: **SOC 1101** Introduction to Sociology 3 college credits, 1 high school credit	**Placement into ENGL 1100**	Lecture: 3 hours	This course introduces the basic concepts, methods and findings of sociology as a scientific discipline. The sociological perspective, emphasizing social interaction and structure, is used to explore the following topics; culture; socialization; social groups, including organizations; deviance, various types of social inequality; major social institution; collective behavior, social movement and social change. Sections of this course are H-designated Honors classes.
Columbus State Community College: **PSY 1100** Introduction to Psychology 3 college credits, 1 high school credit	**Placement into ENGL 1100**	Lecture: 3 hours	This introductory course provides an overview of the origins, growth, content and applications of psychology, including the application of the scientific method to the following topics: research methodology: beginning statistics: theories of physical, cognitive, moral and emotional development: sensation; perception: learning; motivation; intelligence; memory; personality; coping processes; abnormality; adjustment; and the individual in small group and a pluralistic society. Sections of the course are H-designated Honors classes.

Harrison College Courses

Course	Suggested Prerequisites	Delivery	Description
Harrison College: **SCI 1600** **Basics of Nutrition**		Lecture: 4 Hours	This general education science course is an introduction to basic nutritional concepts, knowledge and principles including functions, needs and the sources of nutrients in food.
Harrison College: **ANP 1040** **Human Anatomy and Physiology I**		Lecture: 4 Hours	This course is a study of the organization and structure along with several systems of the human body. Cells and tissues, integumentary, musculoskeletal, nervous, sensory and endocrine systems will be taught and examined in the lab. The course is designed to enable students to understand common health problems as they relate to the various systems. Emphasis is placed on correct spelling, pronunciation and the definitions and use of medical terminology. This course fulfills a Science elective requirement for non-Health Sciences majors.
Harrison College: **ANP 1050** **Human Anatomy and Physiology II**	ANP 1040	Lecture: 4 Hours	This course is a study of the organization and structure along with several systems of the human body. The blood, heart, vascular, lymphatic, respiratory, digestive, metabolic, urinary, fluid balance and reproductive systems will be taught and examined in the lab. The course is designed to enable students to understand common health problems as they relate to the various systems. Emphasis is placed on correct spelling, pronunciation, definitions and use of medical terminology. This course fulfills a Science elective requirement for non-Health Sciences majors.
Harrison College: **MED 1020** **Medical Law & Ethics**		Lecture: 4 Hours	This course addresses medical ethics, medical practice acts and legal responsibilities of the health professional, liability and the civic duties of the health professional.
Harrison College: **MED 2200**	MED 1010. Co-requisite: MAA 1500 if required in program	Lecture: 4 Hours	This course provides students with a basic understanding of their duties and responsibilities in the administrative front office. It also develops communication skills for working within the medical office. The

Medical Office Administration			course includes instruction on taking medical histories, filing, financial administration, telephone procedures, appointment scheduling, duties as receptionist, processing mail and care of the facilities and medical equipment. It also includes developing a professional image, good interpersonal relationships with other office personnel and the right attitude for the professional medical office.
Harrison College: **MED 2210** **Medical Office Software**	INS 1220 Corequisite: MAA 1500 if required in program	Lecture: 4 Hours	This course offers medical software training using current, realistic medical office cases while building transferable computerized medical billing and scheduling skills. Students who complete this course will learn the appropriate terminology and skills to use any patient billing software program with minimal additional training. As student's progress through this class they learn to gather patient information, schedule appointments and enter transactions.
Harrison College: **MED 1010** **Medical Terminology**		Lecture: 4 Hours	This course introduces building and utilizing a medical vocabulary through the use of prefixes, suffixes, word roots and combining forms/vowels. Emphasis is placed on correct spelling, pronunciation and knowing the correct definitions of many medical terms.
Harrison College: **PHY 1260** **Pathophysiology**	ANP 1050 or PHY 1030	Lecture: 4 Hours	This course is a study of how normal physiology processes are altered by disease. This course includes causes of disease, neoplasms, congenital diseases, urinary system diseases, reproductive system diseases, digestive system diseases, respiratory system diseases, circulatory system diseases, nervous system diseases, endocrine system diseases, musculoskeletal diseases, skin, eye, ear, childhood diseases, pain management and holistic health. This course fulfills a Science elective for non-Health Science majors.
Harrison College: **PHM 1140** **Pharmacology**	MAT 0950, MED 1010 and PHY 1020	Lecture: 4 Hours	This course examines the various types of drugs and familiarizes the student with the forms by which medications are administered, utilization of proper injection techniques and preparation of parenteral and oral medications. The student is instructed in the proper use of the Physician's Desk Reference (PDR) and will work with it in classroom assignments.

Harrison College: **PSY 1060** **Psychology**		Lecture: 4 Hours	This general education behavioral science course provides students with a basic understanding of what psychology is, its relationship to the life sciences and how behaviors affect our everyday lives. Emphasis is placed on developmental psychology and the problems that face us in regard to the relationships and mental and physical dilemmas they may pose. Topics such as stress, altered states of consciousness, aging, conflict and types of therapies will be presented.
Harrison College: **SOC 1050** **Sociology**		Lecture: 4 Hours	This general education behavioral science course examines the basic concepts and terminology, research, theories and facts associated with the understanding of human interrelations within various cultures, individual organizations and distinct social groups. Through the scientific study of human behavior focused around the major sociological paradigms, human interactions within social institutions will be explored, including family, religion, economics, politics, government, medicine as well as additional social groupings. Utilizing the sociological perspective, analysis will include stratification and institutional inequality, deviance and other environmental dynamics. Numerous contemporary social issues will be discussed such as sexism, racism, class bias and general inequality.
Harrison College: **GS 1000** **Strategies For Success**		Lecture: 6 hours	This course is designed to enhance the college learning experience and prepare students for personal and professional success. Concepts presented include an in-depth examination of the habits and attitudes of successful students and professionals, understanding and leveraging research-based strategies for aligning individual thinking pattern with long term goals, managing change and thinking in ways to create success. This course also incorporates assessments that will increase one's self-awareness, improve interpersonal and intrapersonal skills and to identify effective study skills.

Internship

Course	Description	Delivery	Coursework
Internship .5 credit **Fee:** none		Single Block – All Year	Internship placements lead to Capstone Research opportunities. Students learn their mentor's job and responsibility while examining the core business and its relationship to the health sciences and human services fields.