



Garfield Heights City Schools

2020-2021

Course Guide

Garfield Heights City Schools

Board of Education

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Ms. Tammy Hager – Principal
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Mrs. Ashlee Ward – Assistant Principal (Grades 9 & 10)
Mr. John Townsend – Assistant Principal (Grades 11 & 12)
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To Students and Parents of Garfield Heights High School

The school's registration guide contains information and procedures which will enable students and their parents to make appropriate course selections for the upcoming year. Several steps should be taken in order to ensure that course selections meet your needs and comply with the Board of Education's adopted graduation requirements.

- Step #1 – Review the general information and registration procedures, then determine the required courses for your upcoming grade level.
- Step #2 – Determine the elective courses you may be interested in taking by scanning the course listings and referring to the description of courses for details.
- Step #3 – Fill out your registration card. Have your teachers sign-off on your choices indicating their approval. It is best to have a discussion with them, so you can decide proper placement together.
- Step #4 – Take your completed registration form home for review. Discuss your choices with your parents and ask them to sign-off indicating approval.
- Step #5 – Submit your signed registration form to your teacher or guidance counselor.

If you follow these steps carefully, read the material closely and ask the advice of your counselor and teachers, then you should be enrolling in courses that will meet your current and future needs.

Best of Luck!
Ms. Tammy Hager, Principal

Role of the Counselor in Registration

The major role of the school counselor is to assist you in your educational and career planning. You are encouraged to call upon your school counselor to discuss topics that are of interest or concern to you.

More specifically, your counselor's role consists of the following:

1. Assisting you in your selection of a course of study;
2. Assisting you to understand your interests, attitudes, abilities and aptitudes;
3. Helping you with your education plans, career plans and personal or social concerns;
4. Providing you with job information and material concerning the world of work;
5. Helping you to obtain information about colleges, business and technical schools, including facts about scholarships and other financial aids to further your education

GRADUATION REQUIREMENTS

Complete Courses and Requirements for Students in the Classes of 2020 and beyond

Ohio law outlines the course requirements all students must complete to earn a diploma. Ohio students must earn a minimum of 20 course units in specified subject areas. **Districts and schools may have requirements that exceed the state minimums outlined below.**

Complete Courses

Take and earn a state minimum of 20 credits in specific subjects.

Courses	State Minimum
English language arts	4 credits
Health	½ credit
Mathematics	4 credits ¹
Physical education	½ credit ²
Science	3 credits ³
Social studies	3 credits ⁴
Electives	5 credits ⁵

Other Requirements

Students must receive instruction in economics⁶ and financial literacy⁶ (in high school) and complete at least two semesters of fine arts⁵ (during grades 7-12).

To earn a high school diploma in Ohio, you must [complete the courses and requirements](#) and then choose a pathway to show that you are ready for college or a job. Your school counselor will give you more details about your options.

Meet one of the following options:

Option 1

Satisfy **one** of the three **original pathways** to graduation that were in place when you entered high school. The pathways include:

1. **[Ohio's State Tests](#)** - Earn at least 18 points on seven end-of-course state tests. Each test score earns you up to five graduation points. You must have a minimum of four points in math, four points in English and six points across science and social studies.
2. **[Industry credential and workforce readiness](#)** - Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.
3. **[College and career readiness tests](#)** - Earn remediation-free scores in mathematics and English language arts on either the ACT or SAT.

Option 2

Satisfy the **new graduation requirements** for the classes of 2023 and beyond by:

1. **Demonstrating Competency** - Students will demonstrate competency in the foundational areas of English language arts and mathematics or through alternative demonstrations, which include College Credit Plus, career-focused activities or military enlistment.
2. **Demonstrating Readiness** - Students will demonstrate readiness for their post-high school paths by earning two seals that allow them to demonstrate important foundational and well-rounded academic and technical knowledge, professional skills, as well as develop key social and emotional competencies and leadership and reasoning skills.

Classes of 2023 and Beyond Graduation Requirements

State law introduced new, permanent graduation requirements for students in the class of 2023 and beyond. Students entering ninth grade **after July 1, 2019**, must meet the [new requirements](#) outlined in state law. Department staff are working to update the graduation webpages and guidance documents. Please check back often.

To earn a high school diploma in Ohio, you must [complete the courses and requirements](#) **and then** choose a pathway to show that you are ready for college or a job. Your school counselor will give you more details about your options.

Satisfy the **new graduation requirements** for the classes of 2023 and beyond by:

1. **Demonstrating Competency** - Students will demonstrate competency in the foundational areas of English language arts and mathematics or through alternative demonstrations, which include College Credit Plus, career-focused activities or military enlistment.
3. **Demonstrating Readiness** - Students will demonstrate readiness for their post-high school paths by earning two seals that allow them to demonstrate important foundational and well-rounded academic and technical knowledge, professional skills, as well as develop key social and emotional competencies and leadership and reasoning skills.

THE OHIO CORE ALTERNATIVE GRADUATION PATHWAY

The law establishes an alternative method to each a high school diploma without completing the Algebra II graduation requirement. The requirements are as follows:

- The student must complete two years of high school.
- The student's parent must sign a statement consenting to the child's graduation without completing the CORE and acknowledging that the child may be not able to proceed directly to a four-year university in Ohio without further coursework.
- The student, the parent and the high school must jointly develop a career plan for the student that specifies the student matriculating to a two-year degree program, acquiring a business or industry credential, or entering into an apprenticeship.
- The student's high school must provide counseling and support for the student related to the plan.
- The student may be required to take additional courses prescribed by the school to assist in the transition to work.
- The student must complete all other graduation requirements of the Garfield Heights Board of Education and the State of Ohio.

Prior to graduation, all Garfield Heights High School students must earn the appropriate credits each year to progress through the grade levels.

Credits required for grade level promotion:

Promotion to Grade 10 – Must have earned 5 credits

Promotion to Grade 11 – Must have earned 10 credits

Promotion to Grade 12 – Must have earned 15 credits

Total Credits Required for Graduation: 20 credits

Pupil Load:

Due to the number of class periods available, all students are required to take a minimum of five (5) credits per year.

English Requirements for Graduation:

Students are required to take and pass four years of English, in the following sequence:

- English I (or Honors English II)
- English II (or Honors English III)
- English III (College English III or Honors English IV)
- English IV (College or AP).

Students may take English III and English IV concurrently if the following provisions exist:

- A. The student passed English II and is eligible for graduation during the current school year.
- B. The counselor and/or administration has granted approval.

Early Graduation

Early graduation is not suitable or possible for most students. There are many advantages and opportunities for students to expand their academic and social development by completing four full years of high school. There are, however, limited circumstances when early graduation may better assist a student to accomplish future goals. Students interested in early graduation should begin discussions with their counselor during their sophomore year. Students must apply by March 1st of their sophomore year, develop an educational plan with their parents and guidance counselor, and earn 14 credits by the end of the sophomore year.

TYPES OF DIPLOMAS

The next page indicates the types of diplomas that may be awarded to students at Garfield Heights High School. The Ohio Department of Education mandates successful completion of their high school program of studies and the criteria indicated.

TO EARN A DIPLOMA:

Eligible students must complete all the Ohio Department of Education and Garfield Heights Board of Education course and credit requirements.

Beginning with the class of 2021, Garfield Heights High School will transition to the Latin (of Cum Laude) System to recognize its top graduating seniors. We are making this change after a thorough investigation of similar policies in area school districts.

The incoming freshmen will follow the Latin System outlined below:

Cum Laude, meaning “with honor,” students will have earned a GPA between 3.5-3.74

Magna Cum Laude, meaning “with great honor,” students will have earned a GPA between 3.75-3.99

Summa Cum Laude, meaning “with highest honors,” students will have earned a GPA above 4.0

By adopting the Latin System (or cum laude system), our intent is to raise academic rigor and provide a system where a greater number of high school scholars are recognized and celebrated for their hard work and academic focus.

For a number of reasons, shifting to a cum laude system is in the best interest of all students, especially high-achieving students.

- Students are more inclined to pursue coursework in areas of passion (i.e. theater, arts, Career Technical Education or music) without fear of negatively impacting their class rank.
- More of the district’s high-achieving students are recognized for their cumulative academics.
- High-achieving students are more likely to select the CCP/AP/Honors curriculum without fear of harming their standing in class rank, which ultimately better prepares them for their post-secondary experience.

As always, our guidance department and administrative staff will be available to answer questions as we transition to the Cum Laude system for the class of 2021.

Honors Diplomas

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

Ohio students have the opportunity to choose to pursue one of six honors diplomas:

1. [Academic Honors Diploma](#)
2. [International Baccalaureate Honors Diploma](#)
3. [Career Tech Honors Diploma](#)
4. [STEM Honors Diploma](#)
5. [Arts Honors Diploma*](#)
6. [Social Science and Civic Engagement Honors Diploma](#)

*includes dance, drama/theatre, music and visual art.

What is new for students in classes of 2021 and beyond?

Students in the class of 2021 and beyond must meet the [revised criteria](#) to earn an honors diploma. Please follow the link to see the updated ODE grid of options.

Communication to Students, Parents and JVSDs

Districts must communicate to parents and students about the option to earn an honors diploma and the criteria required for students to earn each one of the six honors diplomas. School districts cannot require students to apply for or declare their intent to earn an honors diploma.

Districts must also involve Joint Vocational School Districts (JVSDs) in the development of policies, guidelines and procedures for the honors diploma rule. At least annually, JVSDs also must update districts on the status of students enrolled at their schools with respect to the honors diplomas.

Issuing Honors Diplomas

The Ohio Department of Education does not provide materials for districts to recognize students who have attained an honors diploma. Local school district boards of education shall determine how to issue these students' honors diplomas. The honors diploma shall bear the date of its issue and contain the signatures of the president and treasurer of the district board of education, the superintendent of schools and the principal of the high school.

Old SAT to New SAT Concordance Table (1600 Scale)

Old SAT Total Score (400 to 1000)	New SAT Total Score (400 to 1000)	Old SAT Score (1010 to 1600)	New SAT Score (1010 to 1600)
400	400	1010	1090
410	420	1020	1100
420	430	1030	1110
430	450	1040	1120
440	460	1050	1130
450	480	1060	1130
460	490	1070	1140
470	510	1080	1150
480	520	1090	1160
490	530	1100	1170
500	550	1110	1180
510	560	1120	1190
520	580	1130	1200
530	590	1140	1210
540	610	1150	1220
550	620	1160	1230
560	640	1170	1240
570	650	1180	1250
580	670	1190	1260
590	680	1200	1270
600	700	1210	1280
610	710	1220	1290
620	720	1230	1300
630	730	1240	1310
640	740	1250	1310
650	750	1260	1320
660	750	1270	1330
670	760	1280	1340
680	770	1290	1350
690	780	1300	1360
700	790	1310	1370
710	800	1320	1380
720	810	1330	1390
730	820	1340	1400
740	830	1350	1410
750	840	1360	1420
760	850	1370	1420
770	860	1380	1430
780	860	1390	1440
790	870	1400	1450
800	880	1410	1460
810	890	1420	1470
820	900	1430	1480
830	910	1440	1480
840	920	1450	1490
850	930	1460	1500
860	940	1470	1510
870	950	1480	1510
880	960	1490	1520
890	970	1500	1530
900	980	1510	1540
910	990	1520	1540
920	1000	1530	1550
930	1010	1540	1560
940	1020	1550	1560
950	1030	1560	1570
960	1040	1570	1580
970	1050	1580	1590
980	1060	1590	1590
990	1070	1600	1600
1000	1080		

ATHLETIC ELIGIBILITY

In order to participate in interscholastic athletic programs, a student must have earned passing grades - in the previous grading period - in a minimum of five, one-credit courses (or the equivalent) which count toward graduation. Physical Education and Essentials courses are excluded.

Exception: New freshman students must have passed 75% of all classes taken during the fourth quarter of 8th grade to participate in the 1st quarter of their freshman year.

NOTE: If you are an athlete, it is **your responsibility** to make sure you see your counselor to make sure you are enrolled in enough classes to maintain eligibility.

For students interested in pursuing college-level athletics, NCAA Clearinghouse rules regarding core courses include:

- **NCAA Divisions I and II require 16 core courses.** See the information below.
- **Beginning August 1, 2016, NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become “locked in” at the start of the seventh semester and cannot be retaken for grade improvement.

Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Divisions I and II Initial-Eligibility Requirements

DIVISION I

16 Core Courses with a minimum GPA of 2.3

- 4 years of English.
- years of mathematics (Algebra I or higher).
- years of natural/physical science (1 year of lab if offered by high school). 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- years of additional courses (from any area above, foreign language or comparative religion/philosophy).

You must take the SAT or ACT and score a minimum of 400 on the SAT (Math and Reading only) or ACT sum score of 37.

DIVISION II

16 Core Courses with a minimum GPA of 2.0

- years of English.
- years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school). 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

You must take the SAT or the ACT and score a minimum of 820 on the SAT (Math and Reading only) or an ACT sum score of 68.

COLLEGE ENTRANCE REQUIREMENTS

The Minimum Core . . .

- English - 4 credits
- Math - 3 credits
- Science - 3 credits
- Social Studies - 3 credits
- Foreign Language - 2 credits
- Art/Fine Arts - 1 credit

For college preparation in Ohio:

***Some programs may require more extensive preparation in specific subject areas. Check with your guidance counselor and the college or university of your choice for specific information.**

Endorsed by the Admissions Officers of:

*Bowling Green State University
Central State University
Cleveland State University
Kent State University
Miami University
Ohio University
The Ohio State University*

*Shawnee State University
The University of Akron
University of Cincinnati
University of Toledo
Wright State University
Youngstown University*

College Credit Plus for Students & Families

Ohio's College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university College Credit Plus is **free**. That means no cost for tuition, books or fees if you attend public school in the state of Ohio. If you choose to attend a private college or are homeschooled, you may have limited costs.

Your high school may have an agreement with a local college for specific courses; however, you can choose to take College Credit Plus courses from any college that offers a course that would benefit your future. This could include online courses.

Once you find the university or college you would like to attend for College Credit Plus, you can go to their website and complete the application—each school has their own process and procedures; as well as their own requirements to enroll in College Credit Plus.

As stated, College Credit Plus is **free for all public school students who wish to attend a public Ohio university or college**. There may be fees for homeschooled students, or students that wish to attend a private university of college.

If you need help completing the College Credit Plus application, we encourage you to reach out to your school's guidance counselor for assistance with the process. To learn more about College Credit Plus, please visit the [College Credit Plus webpage](#) at Ohio Higher Education.

- [College Credit Plus for Home-School Families](#)
- [College Credit Plus for Nonpublic School Programs](#)

College Credit Plus Student / Parent Notification

Students at Garfield Heights High School may enroll in an Ohio Department of Education approved college full or part-time for non-sectarian courses for college credit only, or for both college and high school credit. The student must be accepted by the college and the college must send written notice to the student, parent, school and superintendent of public instruction within ten days of enrolling the student. The notice shall include courses and hours of enrollment and the option selected.

Prior to enrolling in the courses under the following options, students must see their counselor.

A. College Credit Option: The student may elect at the time of enrollment to receive college/post-secondary credit from a college or university for the course(s) he or she takes at college. The college will notify the student about payment of tuition and fees in the manner followed by the college, and the student shall be responsible for payment of all tuition, textbooks, materials, and fees associated with the course(s). This would be considered "Credit in Escrow" for college.

B. College and High School Credit Option: At the time of enrollment, students may elect to receive both high school and college credit for the courses he or she successfully completes at the college level. (The college will be reimbursed through the state foundation program and will not charge the student for tuition.) Textbooks, materials, or other fees directly related to the course are the student's responsibility.

Rules regarding college and high school graduation credit and grades are as follows:

- The school shall provide information about the program prior to March 1st of each year to all district students enrolled in grades 8 through 12.
- A student or his parent shall inform the principal in writing by March 30th of the student's intent to participate in the program for the upcoming school year. Failure to inform the school on time will result in ineligibility to participate during the next academic school year unless permission is granted by the Superintendent.
- Students who do not attend the class or complete the course in a successful manner will not earn credit. This may adversely affect students eligible for graduation. Additionally, students electing to earn college and high school credit will be billed for tuition.
- If a student successfully completes a course in which he was enrolled under the College and High School Credit Option, Garfield Heights High School shall award him or her appropriate credit toward high school graduation.
- Garfield Heights High School shall not award a student credit toward graduation for a successfully completed course in which he was enrolled under the College Credit Option (Option A).
- Garfield Heights High School credit awarded for courses successfully completed under this policy shall count toward graduation requirements and subject area requirements of the school district when the student has elected to receive high school credit.
 - a. If a course comparable to one a student completed at a college is offered by the district, the High School shall award comparable credit for the course completed at the college.
 - b. If no comparable course is offered by the district, Garfield Heights High School shall grant an appropriate number of credits in a similar subject area to the student.
 - c. If there is a dispute between the school and the student regarding high school credits granted for a course, the student may appeal the decision in accordance with state regulations.
- Evidence of successful completion of each course and the high school credits awarded by the district shall be included in the student's record. The record shall indicate that the credits were earned as a participant of the College/Post-Secondary Enrollment Options Program and shall include the name of the college at which the credits were earned.
- The grade achieved in a course completed at a college for which high school graduation credit was awarded will be counted in the student's cumulative grade point average as outlined in the Board of Education "grading system" policy. Colleges will give priority to their regular students in considering high school student admission. Once accepted, however, high school students in the College/Post- Secondary Enrollment Options Program cannot be displaced by regular students.

Examples of 15-credit and 30-credit paths from Cleveland State University are on the pages that follow.

Please note that these pathways are intended as a guide and are subject to change. Enrollment will be dictated by high school graduation requirements, student placement test scores, completion of pre-requisite courses, and course availability.

Business*

(Accounting, General Business, Business Economics, Finance, Information Systems, International Business, Management, Marketing, Operations Supply Chain Management)

15 Credit Pathway

Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 148 Mathematics for Business Majors I	3		M/QL
Spring Semester			
ENG 102 English II	3		W/C
MTH 149 Mathematics for Business Majors II	4		M/QL
BUS 151 The World of Business	3	X	

30 Credit Pathway

Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 148 Mathematics for Business Majors I	3		M/QL
BUS 151 The World of Business	3	X	
Natural Science with Lab elective	4		NS
General Education requirement: AH, AH NonUS, SS NonUS	3		SS or AH
Spring Semester			
ENG 102 English II	3		W/C
MTH 149 Mathematics for Business Majors II	4		M/QL
IST 203 Software Tools for Personal Productivity	3	X	
General Education requirement: AH, AH NonUS, SS NonUS	3		SS or AH
General Education requirement: Diversity	3		DIV

*These pathways are intended as a guide, and are subject to change. Enrollment in classes may be dictated by student test/placement scores, completion of prerequisite courses, and course availability. Students will meet with their CCP advisor to ensure appropriate registration.

Gen Ed Key:

SS = Social Sciences Requirement (2 courses, one of which must be focused outside the US**) AH =

Arts & Humanities Requirement (2 courses, one must be focused outside the US**)

DIV = Social Diversity Requirement (2 courses; one US Diversity and one African American Exp. M/QL

= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin

America, Asia or the Middle East (ALAAME)

NOTE: Social Science elective completed with macro/microeconomics.

Business: Computer and Information Science*

15 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 167 or 168 PreCalculus I or II; MTH 181 Calculus I	3 or 4		M/QL
Spring Semester			
ENG 102 English II	3		W/C
MTH 168 PreCalculus II; MTH 181 Calculus I; MTH 182 Calculus II	3 or 4		M/QL
CIS 151 Invitation to Computing	3	X	

30 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 167 or 168 PreCalculus I or II; MTH 181 Calculus I	3 or 4		M/QL
CIS 151 Invitation to Computing	3	X	
General Education requirement: AH, AH NonUS, SS, SS NonUS	3 - 6		SS or AH
Spring Semester			
ENG 102 English II	3		W/C
MTH 168 PreCalculus II; MTH 181 Calculus I; MTH 182 Calculus II	3 or 4		M/QL
CIS 260 Introduction to Programming	3	X	
General Education requirement: AH, AH NonUS, SS, SS NonUS	3		SS or AH
General Education requirement: Diversity	3		DIV

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= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin

America, Asia or the Middle East (ALAAME)

Education*

15 Credit Pathway

Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 116 or MTH 127 or MTH 325	3		M/QL
Spring Semester			
ENG 102 English II	3		W/C
MTH 117 or MTH 128 or MTH 326	4		M/QL
PSY 220 or PSY 221 Child or Adolescent Psych.	3		SS

30 Credit Pathway

Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 116 or MTH 127 or MTH 325	3		M/QL
PSY 220 Child Psychology	3		SS
Natural Science with Lab elective	4		NS
General Education requirement: AH, AH NonUS, SS NonUS	3 - 6		SS, AH, NS
Spring Semester			
ENG 102 English II	3		W/C
MTH 117 or MTH 128 or MTH 326	4		M/QL
PSY 221 Adolescent Psychology	3		
General Education requirement: AH, AH NonUS, SS NonUS, Natural Science	3 - 6		SS, AH, NS
General Education requirement: Diversity	3		DIV

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DIV = Social Diversity Requirement (2 courses; one US Diversity and one African American Exp. M/QL

= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin

America, Asia or the Middle East (ALAAME)

NOTE: Math, AH, AH NonUS, SS NonUS, and Natural Science General Education requirements may be determined by particular education focus

Engineering*			
(Chemical, Civil, Computer, Electrical, Mechanical)			
15 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 167 or 168 PreCalculus I or II; MTH 181 Calculus I	3 or 4		M/QL
Spring Semester			
ESC 102 Tech. Writing & Prof. Comm. or ENG 102	3		W/C
MTH 168 PreCalculus II; MTH 181 Calculus I; MTH 182 Calculus II	3 or 4		M/QL
MCE 180 CAE Lab I, ESC 152 Programming with Matlab, or ESC 151 C Programming**	2 or 3	X	

30 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 167 or 168 PreCalculus I or II; MTH 181 Calculus I	3 or 4		M/QL
MCE 180 CAE Lab I, ESC 152 Programming with Matlab, or ESC 151 C Programming**	2 or 3	X	
CHM 161 Preparatory Chemistry or CHM 261/266 General Chemistry and Lab	3 or 4		NS
Spring Semester	Credits	Major	Gen Ed
ESC 102 Tech. Writing & Prof. Comm. or ENG 102	3		W/C
MTH 168 PreCalculus II; MTH 181 Calculus I; MTH 182 Calculus II	3 or 4		M/QL
PHY 241 University Physics (if enrolled in MTH 182)	5	X	NS
General Education requirement: AH NonUS, SS NonUS	3		SS or AH
General Education requirement: Diversity	3		DIV

*These pathways are intended as a guide, and are subject to change. Enrollment in classes may be dictated by student test/placement scores, completion of prerequisite courses, and course availability. Students will meet with their CCP advisor to ensure appropriate registration.

**Course selection determined by engineering area of interest

Math, Chemistry, and Physics course eligibility is determined by student SAT/ACT or placement exam

Gen Ed Key:

SS = Social Sciences Requirement (2 courses, one of which must be focused outside the US**) AH =

Arts & Humanities Requirement (2 courses, one must be focused outside the US**)

DIV = Social Diversity Requirement (2 courses; one US Diversity and one African American Exp. M/QL

= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

Liberal Arts and Social Sciences*

15 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
Math	3 or 4		M/QL
Spring Semester			
ENG 102 English II	3		W/C
Math	4		M/QL
Elective or General Education Requirement: AH, AH NonUS, SS, SS NonUS	3		

30 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
Math	3 - 4		M/QL
Elective	2 or 3		
General Education requirement: AH, AH NonUS, SS NonUS, Natural Science	3 - 6		SS, AH, NS
Spring Semester			
ENG 102 English II	3		W/C
Math	3 - 4		M/QL
Natural Science with Lab elective	4		NS
General Education requirement: AH, AH NonUS, SS, SS NonUS	3		SS or AH
Elective	3		

*These pathways are intended as a guide, and are subject to change. Enrollment in classes may be dictated by student test/placement scores, completion of prerequisite courses, and course availability. Students will meet with their CCP advisor to ensure appropriate registration.

Gen Ed Key:

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Arts & Humanities Requirement (2 courses, one must be focused outside the US**)

DIV = Social Diversity Requirement (2 courses; one US Diversity and one African American Exp. M/QL

= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

*** Math, AH, AH NonUS, SS, SS NonUS, and Natural Science General Education requirements may be determined by particular Liberal Arts and Social Sciences focus**

Nursing*

15 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 116 Foundations of Quantitative Literacy	3		M/QL
Spring Semester			
ENG 102 English II	3	X	W/C
PSY 101 Introduction to Psychology	3	X	SS
BIO 106/107 Human Bio. in Health & Disease or 266/267 Human Anatomy & Physiology; or CHM 161 Preparatory Chemistry or CHM 251/256 College Chemistry and Lab	3 - 4	X	NS

30 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 116 Foundations of Quantitative Literacy	3		M/QL
PSY 101 Introduction to Psychology	3	X	SS
BIO 106/107 Human Bio. in Health & Disease or 266/267 Human Anatomy & Physiology; or CHM 161 Preparatory Chemistry or CHM 251/256 College Chemistry and Lab	3 - 4	X	NS
General Education Requirement: AH NonUS, SS NonUS	3		SS or AH
Spring Semester			
ENG 102 English II	3		W/C
MTH 147 Statistical Concept with Apps	3		M/QL
268/269 Human Anatomy & Physiology II; or CHM 251/256 or 252/257 College Chemistry and Lab I or II	3 - 4		NS
General Education requirement: AH NonUS, SS NonUS	3		SS or AH
General Education requirement: Diversity	3		DIV

*These pathways are intended as a guide, and are subject to change. Enrollment in classes may be dictated by student test/placement scores, completion of prerequisite courses, and course availability. Students will meet with their CCP advisor to ensure appropriate registration.

Gen Ed Key:

SS = Social Sciences Requirement (2 courses, one of which must be focused outside the US**) AH =

Arts & Humanities Requirement (2 courses, one must be focused outside the US**)

DIV = Social Diversity Requirement (2 courses; one US Diversity and one African American Exp. M/QL

= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

Science/Pre-Professional*

15 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 147 Statistics; MTH 167 or 168 PreCalculus I or II; MTH 181 Calculus I**	3 or 4		M/QL
Science course (see below) - determined by academic goal/major	3 to 5	X	NS
Spring Semester			
ENG 102 English II	3		W/C
MTH 347 Applied Statistics; MTH 168 PreCalculus II; MTH 181 Calculus I; MTH 182 Calculus II**	3 or 4		M/QL
Science course (see below) - determined by academic goal/major	3 to 5	X	NS

30 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 147 Statistics; MTH 167 or 168 PreCalculus I or II; MTH 181 Calculus I**	3 or 4		M/QL
Science course (see below) - determined by academic goal/major	3 to 5	X	NS
General Education Requirement: AH, AH NonUS, SS, SS NonUS	3 - 6		
Spring Semester			
ENG 102 English II	3		W/C
MTH 347 Applied Statistics; MTH 168 PreCalculus II; MTH 181 Calculus I; MTH 182 Calculus II**	3 or 4		M/QL
Science course (see below) - determined by academic goal/major	3 to 5	X	NS
General Education requirement: AH, AH NonUS, SS, SS NonUS	3		SS, AH
General Education requirement: Diversity	3		DIV

*These pathways are intended as a guide, and are subject to change. Enrollment in classes may be dictated by student test/placement scores, completion of prerequisite courses, and course availability. Students will meet with their CCP advisor to ensure appropriate registration.

**Environmental Studies majors may elect to take CHM 251/256 or PHY 221

AH, AH NonUS, SS, SS NonUS, General Education requirements may be determined by particular Pre-Professional or Sciences focus

Science/Pre-Professional Pathway Information continued on next page

Science/Pre-Professional* - continued

****Appropriate selection of math and science course(s) are determined by students' test placement/readiness, interest, academic goal, and intended science major**

Science Courses
Biology**
BIO 100 Living World (preparation for BIO 200)
BIO 200/201 Introductory Biology and Lab I
BIO 202/203 Introductory Biology and Lab II
Chemistry**
CHM 161 Preparatory Chemistry (preparation for CHM 261)
CHM 251/256 College Chemistry and Lab I
CHM 252/257 College Chemistry and Lab II
CHM 261/266 General Chemistry and Lab I
CHM 262/267 General Chemistry and Lab II
Physics**
PHY 221 College Physics I
PHY 222 College Physics II
PHY 241 University Physics I
PHY 242 University Physics II

Gen Ed Key:

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Arts & Humanities Requirement (2 courses, one must be focused outside the US**)

DIV = Social Diversity Requirement (2 courses; one US Diversity and one African American Exp. M/QL

= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME) |

Urban Studies*

15 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 116 Foundations of Quantitative Literacy	3		M/QL
Spring Semester			
ENG 102 English II	3		W/C
UST 200 Intro to Urban Studies	3	X	M/QL
UST 289 Physical Geography	3	X	NS

30 Credit Pathway			
Fall Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C
MTH 116 Foundations of Quantitative Literacy	3		M/QL
UST 200 Intro to Urban Studies	3	X	
UST 289 Physical Geography	3	X	NS
UST 250 The City in Film/AH Electives			AH
Spring Semester			
ENG 102 English II	3		W/C
UST 206 Megacities of Asia	3		SS
UST 259 or Science Elective**	3 - 4		NS
General Education requirement: AH NonUS, SS	3		SS, AH
General Education requirement: Diversity	3		DIV

*These pathways are intended as a guide, and are subject to change. Enrollment in classes may be dictated by student test/placement scores, completion of prerequisite courses, and course availability. Students will meet with their CCP advisor to ensure appropriate registration.

**Environmental Studies majors may elect to take CHM 251/256 or PHY 221

Gen Ed Key:

SS = Social Sciences Requirement (2 courses, one of which must be focused outside the US**) AH =

Arts & Humanities Requirement (2 courses, one must be focused outside the US**)

DIV = Social Diversity Requirement (2 courses; one US Diversity and one African American Exp. M/QL

= Mathematics/Quantitative Literacy Requirement (two courses)

NS = Natural Sciences (two courses, one of which must have a lab)

** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

General Education Courses

This list is not exhaustive, but intended as a guide, and is subject to change. Enrollment in classes may be dictated by student interest, intended major, completion of prerequisite courses, and course availability. Students will meet with their CCP advisor to ensure appropriate registration.



Arts and Humanities

COM 221	Communicating in Personal Relationships
MUS 111	The Enjoyment of Music
MUS 161	Roots of Rock and Soul
THE 111	Introduction to Theatre
UST 250	The City in Film

Arts and Humanities Non-U.S.

HIS 165	Introduction to Latin American History
HIS 175	Introduction to African History
PHL 255	Nonwestern Philosophy: African, Latin America, Asia, Middle East
REL 101	Understanding Religion: Africa, Latin America, Asia, Middle East

Social Sciences

ANT 101	Human Bicultural Evolution
COM 101	Principles of Communication
PSC 111	American Government
PSY 101	Introduction to Psychology
PSY 220	Child Development
PSY 221	Adolescent Psychology
SOC 101	Introduction to Sociology
UST 200	Introduction to Urban Studies

Social Sciences Non-U.S.

ANT 275	Ancient Mysteries: Africa, Latin America, Asia, Middle East
COM 201	Communication and Human Relationships in East Asian Societies
SOC 210	Introduction to Sociology of the Third World
UST 206	Megacities in Asia

US Diversity

ANT 100	Human Diversity
SOC 201	Race, Class and Gender
WST 151	Introduction to Women's Studies

SENIOR PROJECT

A senior may choose to participate in Senior Project the last few weeks of the year as an alternative to completing their high school career in the traditional manner. The Senior Project serves as part of our preparation for the possibility that all graduating seniors in Ohio may be required to complete a senior project in the future.

Student requirements for participation:

1. **Senior Project Proposal Form** – This form must be signed by your off-site supervisor and a parent or guardian and turned in to GHHS administration.
2. **Senior Project Action Research Project** – This mini-project must center around the community service project or career you have agreed to shadow. This must be completed and turned in to GHHS administration.
3. **A minimum of 50 hours of on-site time** – Participants are required to keep a log/ timesheet as evidence of completing at least 50 hours of shadowing or community service. Logs must be signed by your off-site supervisor daily and submitted to GHHS administration. ***CVCC students are only required to complete 25 hours.
4. **Senior Project Reflection** – A typed, one-page narrative discussing your personal experience.
5. **Senior Project Oral Presentation** – All participants are required to share information about their senior project experience. Presentations will be given during the school day in a walk-about format. Parents and supervisors are encouraged to attend. Student presenters must dress appropriately, as though they were interviewing for a job. Students will be presented with a certificate upon completion.

CREDIT FLEXIBILITY

Credit Flexibility options are designed for those students who demonstrate the ability, interest, and maturity to accept personal responsibility for their learning in a selected curricular area. Students must submit their proposal to the Credit Flexibility Committee. Approved credit awarded through this policy will be posted on the student's transcript and counted as required graduation credit in the related subject area or as an elective. Flexible Credit is designed to be an alternative to the traditional high school courses. Students utilizing the Credit Flexibility Option must still meet all of the graduation requirements of the State of Ohio and the Garfield Heights City Schools Board of Education.

Transportation, Fees and Supplies

The district shall not assume responsibility for student transportation, program registration fees, and/or purchase of books, materials, supplies, or other items necessary for student participation in such a program.

Application

Any high school student may apply for credit to be awarded through Credit Flexibility. To begin the process, the student must first meet with his/her school counselor. Applications can be made twice a year; September 1 to November 1 and March 1 to May 1. Applications are available in the guidance office

REGISTRATION PROCEDURES

PRE-REGISTRATION

Counselors will explain course offerings and requirements while advising students on individual choices. The counselors will also attempt to help the student recognize his/her abilities as to select appropriate classes for each student. Next, counselors and teachers will help students complete their final registration forms. Students will take the registration forms home for further discussion with their parents and obtain a parent signature indicating approval of the coursework. Registration forms are to be returned to the school according to the specified deadlines.

SCHEDULE CHANGES - FALL

Once classes begin for a school year, it is expected that students remain in the classes they requested and were scheduled for by our data processing system. This expectation enables us to maintain the balanced class sizes achieved through a computer-scheduling system.

here are circumstances that merit consideration for a change in class scheduling. These include:

1. scheduling errors;
2. failure to complete a pre-requisite;
3. medical excuses that deny participation;
4. modifying scheduling decisions.

Once a class has been in session for a designated time, a student's withdrawal can reflect on their grade status for the course. A grade of withdraw/fail will be issued to the student if removal occurs after the specified date.

THE PRINCIPAL MUST APPROVE ANY EXCEPTIONS TO THE ABOVE PROCEDURES.

Required Courses and Recommended Course Loads

Courses selected by all students should total a minimum of five (5) credits to a maximum of seven (7) credits. To qualify for graduation, students must have earned a minimum of 20 credits. These totals are a combination of elective subjects which vary according to each student's educational goals

The required courses at each grade level are as follows:

Grade 9

English	1.0 credit
Math	1.0 credit
Science	1.0 credit
Social Studies	1.0 credit
Health	.5 credit
Phys Ed.	.25 credit
Electives from	.25-2.25 credits

Grade 11

English	1.0 credit
Math	1.0 credit
Science	1.0 credit
Social Studies	1.0 credit
Electives from	1.0 – 3.0 credits

Grade 10

English	1.0 credit
Math	1.0 credit
Science	1.0 credit
Social Studies	1.0 credit
Health	.5 credit
Phys Ed.	.25 credit
Electives from	.25-2.25 credits

Grade 12

English	1.0 credit
Math	1.0 credit
Social Studies	1.0 credit
Electives from	2.0 – 4.0 credits

Four Year Academic Plan Worksheet

<u>Grade 9</u>			<u>Grade 10</u>		
1. Eng.		1.00	1. Eng.		1.00
2. Math		1.00	2. Math		1.00
3. Science	Physical Science	1.00	3. Science		1.00
4. Soc.Stud.	World History	1.00	4. Soc.Stud.	Am. History	1.00
5. PE	PE I	0.25	5. PE	PE II	0.25
Health	Health	0.50	6. Lunch	Lunch	0.00
6. Lunch	Lunch	0.00	7. Elective		0.50
7. Elective			8. Elective		
8. Elective					

<u>Grade 11</u>			<u>Grade 12</u>		
1. Eng.		1.00	1. Eng.		0.50
2. Math		1.00	Eng.		0.50
3. Science		1.00	2. Soc.Stud.	Elective	0.50
4. Soc.Stud.	Government	1.00	3. Math		1.00
5. Lunch	Lunch	0.00	4. Lunch	Lunch	0.00
6. Elective			5. Elective		
7. Elective			6. Elective		
8. Elective			7. Elective		
			8. Elective		

COURSE LISTINGS & CREDIT

<u>Course</u>	<u>Credit</u>	<u>Prerequisite</u>
<u>Art</u>		
Advanced Studio	.50	Intro to Art & class desired
Crafts	.50	Intro to Art
Drawing and Painting	.50	Intro to Art
AP Studio Art: 2-D Design	1.00	None
Intro to Art	.50	None
Sculpture	.50	Intro to Art
<u>Business Education</u>		
Accounting I	1.00	Basic Math ability, Gr. 9-12
General Business	.50	
Business Law	.50	
Economics	.50	Gr. 10-12
Entrepreneurship	.50	None; Gen. Bus. recommended
<u>Computer Education</u>		
Computer 101	.50	
Computer Applications I	.50	Computer 101
Computer Applications II	.50	Comp. Apps. I
Multimedia & Web Tools	.50	Comp. Apps. II; Gr. 10-12
Photoshop	.50	Comp. Apps. I & II; Gr. 10-12
*Honors Computer Science Principles	1.00	Must be in or have taken Pre-Calculus or teacher approval
<u>Drama</u>		
Theatre Appreciation	.50	
Drama I	.50	Gr. 10-12
Drama II	.50	Drama I; Gr. 11-12
Theatre 1010 – CCP	1.00	

COURSE LISTINGS & CREDIT

<u>Course</u>	<u>Credit</u>	<u>Prerequisite</u>
<u>Electives</u>	.05	Permission; 1 sem. Gr 10-12
Community Service	1.0	Senior status
Senior Seminar		
<u>English</u>		
English I	1.00	
*Honors English II	1.00	Recommendation
English II	1.00	English I
*Honors English III	1.00	English I / Recommendation
English III	1.00	English II / Recommendation
Accelerated English III	1.00	English II / Recommendation
*Honors English IV	1.00	English II / Recommendation
English IV	1.00	English III
Accelerated English IV	1.00	English III/ Accelerated English III Recommendation
*Advanced Placement Eng. 12	1.00	Honors English IV/Recommendation
Creative Writing I	.50	
Creative Writing II	.50	
Applied Language Arts	.50	Permission; Gr. 10-12
Mythology	.50	
Popular Fiction	.50	
<u>Family & Consumer Sciences</u>		
Food Technology	.50	
Chef's Class I	.50	Food Tech; Gr. 10-12
Chef's Class II	.50	Food Tech; Gr. 10-12
<u>Foreign Language</u>		
Latin American History/Culture	.50	
Spanish I	1.00	
Spanish II	1.00	
*Honors Spanish II	1.00	
*Honors Spanish III	1.00	
*Honors Spanish IV	1.00	
American Sign Language (ASL) I	1.00	
American Sign Language (ASL) II	1.00	
American Sign Language (ASL) III	1.00	ASL II

COURSE LISTINGS & CREDIT



<u>Course</u>	<u>Credit</u>	<u>Prerequisite</u>
<u>Health & Physical Education</u>		
PE-Life Fitness	.25	Required Gr. 9
PE-Individual Training	.25	Required Gr. 10
Health	.50	Required Gr. 9/10
Healthy Living	.50	Elective, Gr. 10-12
Health and Wellness	.50	
Advanced Physical Education	.50	
Dance and Fitness	.25	First year of PE
Basic Athletic Training I	.50	
Basic Athletic Training II	.50	
<u>Mathematics</u>		
Algebra I-T	1.00	Gr. 9
Geometry-T	1.00	Algebra I-T; Gr. 10
Algebra II-T	1.00	Geometry-T; Gr. 11
Sr. Math Topics	1.00	Algebra II-T; Gr. 12
Algebra I	1.00	Approval; Gr. 9
Geometry	1.00	Approval; Gr. 10
*Honors Geometry	1.00	H. Alg. I; Perm.; Gr. 9-10
Algebra II	1.00	Approval, Gr. 11-12
*Honors Algebra II	1.00	H. Geom.; Perm.; Gr. 10-12
Pre-Calculus	1.00	Approval; Gr. 11-12
*Honors Pre-Calculus	1.00	H. Alg. II, Perm., Gr. 11-12
*Honors Calculus	1.00	Pre-Calculus or Honors Pre-Calculus; Gr. 12
Probability & Statistics	.50	Algebra II or Approval
College Exam Math	.50	Algebra II; Gr. 11 or 12
Integrated Math	1.00	

COURSE LISTINGS & CREDIT

<u>Course</u>	<u>Credit</u>	<u>Prerequisite</u>
<u>Music - Instrumental</u>		
Band	1.00	Permission
Jazz Ensemble	1.00	Audition
Music Theory I	.5	
Music Theory II	.5	Music Theory I
<u>Music - Vocal</u>		
Freshman Choir	1.00	Gr. 9
Varsity Choir	1.00	Gr. 10-12; Freshmen Choir or pass voice screening
Music Appreciation	.50	
The Music of the Movies	.50	
Music Express	1.00	Audition
<u>Science</u>		
Physical Science	1.00	Required Gr. 9
*Honors Physical Science	1.00	Gr. 9; Recommendation
Biology	1.00	Taking Alg. I, "C" in <u>Phys. Sci.</u> ; Gr. 10-12
Biology-T	1.00	
*Honors Biology	1.00	"C" in Honors Phys. Sci. and Recommendation.; Gr. 10
Chemistry	1.00	Alg. I, Bio., Perm., Gr. 11-12
Environmental Science	1.00	
*Honors Chemistry	1.00	H. Bio., Geom.; Gr. 11
Astronomy I	.50	Alg. I, Chem.; Gr. 12
Forensic Science	.50	"C" in Chemistry; Gr. 11-12
*AP Biology 1.00		Bio., Chem., Perm.; Gr. 12
*Honors Human Anatomy & Physiology	1.00	Bio., Health, Chem.; Gr. 11-12
*Honors Advanced Chemistry	1.00	Alg. I, Chem., Perm.; Gr. 11-12
Environmental Physics	1.00	2 credits of Science; Gr. 11-12
Honors Physics	1.00	Alg. I, Geom., Chem.; Gr. 11-12
Plant Science	.50	Bio., Chem., Perm.; Gr. 11-12

COURSE LISTINGS & CREDIT

<u>Course</u>	<u>Credit</u>	<u>Prerequisite</u>
<u>Social Studies</u>		
American History	1.00	Gr. 9; required
*Honors American History	1.00	Gr. 9; Application
World History	1.00	Gr. 10; required
*Honors World History	1.00	Gr. 10; Application
Topics in U.S. History - Part A	.50	Gr. 11-12; elective
Topics in U.S. History - Part B	.50	Gr. 11-12; elective
*Honors Topics in U.S. History - Part A	.50	Gr. 11-12; Application; elective
*Honors Topics in U.S. History - Part B	.50	Gr. 11-12; Application; elective
Government	1.00	Gr. 11; required
*AP Government	1.00	Gr. 11-12; Application; elective
Sociology	.50	Gr. 11-12; elective
Social Psychology	.50	Gr. 11-12; elective
Global Geography	.50	Gr. 12; elective
Global Issues	.50	Gr. 11-12; World History and American History
*AP United States History	1.00	Gr. 11-12; Application; elective
Sports History	.50	Gr. 9-12; elective
Economics	.50	Gr. 9-12; elective
<u>Vocational:</u>		
Career Based Intervention Program I (CBIP)	3.50	Perm., Age 16, Gr. 11
Career Based Intervention Program II (CBIP)	3.50	Perm., Age 16, Gr. 12

Art Courses

#638 AP 2D ART	Credit: 1.00	Year
Prerequisite: College bound and teacher approval	Grades: Teacher Recommendation	Fee Charged

The AP Art Course will help students build a two dimensional foundation for further study of visual art in college. Students will compile a portfolio of their best work for submission and review by the College Board who compares high school student's artwork from around the nation. Since this is the equivalent to a first-year college art class, students are expected to demonstrate a range of ability and skill using art techniques, problem-solving skills, and the elements and principles of art and design. The fee for the AP test/portfolio submission is approximately \$85.00.

#648 INTRODUCTION TO ART	Credit: .50	Semester
Prerequisite: None	Grades: All	Fee charged

This foundation class will focus on composition in design, exploring each element in-depth. Student will also survey Art History through contemporary art.

#658 DRAWING AND PAINTING	Credit: .50	Semester
Prerequisite: Intro to Art	Grades: All	Fee charged

Students will begin with figure drawing and portrait and perspective to build basic drawing skills, while moving to still-life, illustration/commercial art and experimental techniques. Students will also explore the use of Color using various media such as chalk, watercolor, acrylic and oils at a beginner's level.

#668 CRAFTS	Credit: .50	Semester
Prerequisite: Intro to Art	Grades: All	Fee charged

This course will focus on the beginning level of fine art crafts. Students will explore fibers, metal and glass in such techniques as batik, enameling, glass fusing and jewelry.

#678 SCULPTURE	Credit: .50	Semester
Prerequisite: Intro to Art	Grades: All	Fee charged

Students will explore three-dimensional form through the creation of sculpture in a variety of media and technique such as clay, wood, plaster, and wire.

#708 ADVANCED STUDIO	Credit: .50	Semester
Prerequisite: Intro to Art	Grades: 10-12	Fee charged
Beginning level of class desired		

Curriculum will be adjusted to higher standards according to student's abilities.

Business Courses

#471 ACCOUNTING I **Credit: 1.00** **Year**
Prerequisite: Simple Math ability **Grades: 9-12** **Fee charged**

Accounting I is for students who may be interested in a business career. Instruction covers keeping daily records of business transactions, determining profit or loss, and keeping track of inventory. Approximately 2/3 of the coursework is completed online.

#488 GENERAL BUSINESS **Credit: .50** **Semester**
Prerequisite: None **Grades: All** **No Fee**

General Business gives an understanding of general business practices and principles that affect the lives of all individuals, regardless of occupations. It covers and extends many of Ohio' requirements for financial literacy.

#498 BUSINESS LAW **Credit: .50** **Semester**
Prerequisite: None* **Grades: All*** **No Fee**

Business Law is designed to help the student recognize legal implications in his/her daily activities, to develop respect for laws and the realization that laws exist for the protection of society. The course content includes civil, criminal, consumer, and bankruptcy law. We will also participate in a mock trial. *General Business and upper-class status recommended.

#495 ECONOMICS **Credit: .50** **Semester**
Prerequisite: None* **Grades: 10-12** **No Fee**

Economics develops an understanding of how the basic economic theory of supply versus demand affects prices in the economy. A good course for the student pursuing a career in business or the consumer who wants to learn the intricacies of the market place. *General Business recommended.

#490 ENTREPRENEURSHIP **Credit: .50** **Semester**
Prerequisite: None* **Grades: 10-12** **No Fee**

This course has been designed for students who are interested in business education, particularly entrepreneurship and small business management. Students will study the role of entrepreneurship in our free enterprise system. Specifically, students acquire the knowledge and develop, create, and manage their own business. Topics include ownership, finance, networking, problem solving, applying technology, and management. *General Business recommended.

Computer Courses

#710 COMPUTER 101 **Credit: .50**
Prerequisite: None **Grades: All** **Semester**
Fee charged

This is the foundation for all other computer classes. Focus is on improving alphabetic and numeric keyboarding skills. A second focus is on learning the basics of word-processing, spreadsheet construction, and presentation design, using software from the Microsoft Office suite.

#721 COMPUTER APPS. I **Credit: .50**
Prerequisite: Computer 101* **Grades: All** **Semester**
Fee charged

This applications course focuses on basic-to-intermediate training using the Microsoft Office suite. The course emphasizes a combination of information gathering and technology, using the computer as a tool. Students work with more than one application or feature to complete assignments. *May be taken concurrently with Computer 101.

#722 COMPUTER APPS. II **Credit: .50**
Prerequisite: Comp.Apps.I **Grades: All** **Semester**
Fee charged

This advanced applications course focuses on software integration. Training continues in the Microsoft Office suite; emphasis is placed on linking and embedding objects among Word, Excel, or PowerPoint files. Additional software will be explored and utilized into classroom assignments.

#750 MULTIMEDIA & WEB TOOLS **Credit: .50**
Prerequisite: Comp.Apps.II **Grades: 10-12** **Semester**
Fee charged

A hands-on course designed to introduce students to a multimedia environment. Students learn graphic design, web design, HTML, video editing and capturing, and development of computer-aided instruction.

#754 PHOTOSHOP **Credit: .50**
Prerequisite: Comp.Apps.II **Grades: 10-12** **Semester**
Fee Charged

This computer course presents an overview of Adobe Photoshop CS2. Students will design and edit images in this state-of-the-art software. Techniques include: working with various palettes, layers, channels, and masks to create and modify images for both print and the Web. Students will complete a portfolio of their work.

#755 HONORS COMP. SCIENCE PRINCIPLES **Credit: .50**
Prerequisite: Must be in or have taken **Grades: 10-12** **Semester**
Pre-Calculus or have teacher approval **Fee Charged**
Elective

Students develop fundamental skills for programming such as computational thinking, logical sequencing and the nature of abstraction. In addition, students explore key elements of the technological world as a way of understanding the role of computer science. Finally, students will identify important behavioral practices for professionals in science related careers.

Drama Courses

#177 THEATRE APPRECIATION

Credit: .50

Semester

Prerequisite: None

Grade: 9

No fee

Theatre Appreciation is designed to provide an overview of theatre as an art form. Course content is based on the belief that a love for and knowledge of the theatre—whether as an active participant, a reader of good plays, or simply as a member of a theatre audience—is a significant means of enriching the individual human experience.

Visual references, lectures, discussions, and other course activities (including guest performers) will help new high school students appreciate the enjoyable aspects of Broadway musicals and film adaptations of classic plays and how they impact their lives.

#178 DRAMA I

Credit: .50

Semester

Prerequisite: None

Grades: 10-12

No Fee

Students will learn about the craft of acting and theatre production in addition to aspects of design and technical theatre. Additionally, students will learn about the history of theatre by investigating different eras (from the Greeks-Present) and the significant plays associated with them. Students will also be exposed to a variety of contemporary theatre styles and leave with a basic understanding of the skills and training necessary to pursue a career in the performing arts.

#179 DRAMA II

Credit: .50

Semester

Prerequisite: Drama I

Grades: 11-12

No Fee

Students will continue to learn about the craft of acting and theatre production and build on what they have learned in the areas of design and technical theatre. Additionally, students will learn advanced concepts associated with the history of theatre including the examination of the craft's greatest teachers particularly Constantin Stanislavski, Stella Adler, and Sanford Meissner. This course will also build on student knowledge of Shakespeare and give each student the opportunity to perform their own Shakespearean monologue.

#Thea1010 College Theatre Appreciation

Credit 1.0

Semester

Prerequisite: Must qualify for CCP English

Grades: 10-12

No fee

The examination of theatre as a performance art by the study of its origins through contemporary times, and how contemporary theatre practitioners approach their crafts. Performance not required.

Elective Courses

#038 COMMUNITY SERVICE
Prerequisite: Permission

Credit: .50
Grades: 10-12

Semester
No Fee

SOS (Students of Service) is for those students/philanthropists who would like to be instrumental in the development and organization of various community service projects including: American Red Cross Blood Drives, Jennings Hall Activities, and many more. The projects should demonstrate student involvement at all stages, including:

- 1) preparation; 2) service; 3) reflection; 4) recognition.

#500 SENIOR SEMINAR
Prerequisite: Senior Standing

Credit: 1.00
Grades: 12

Year
No Fee

This course is designed to prepare students to achieve post-secondary success as they transition from high school to the workforce, career training, or college. Topics of study will include speaking skills, time management, financial responsibility, ACT/SAT preparation, college and career research, and financial aid (FAFSA). Additionally, students will prepare resumes and references and have the opportunity to go on college visits. Students enrolled in this course are strongly encouraged to participate in Senior Project.

English Courses

GRADE LEVEL 9

#110 ENGLISH I	Credit: 1.00	Year
Prerequisite: None	Grade: 9	Fee charged

Introductory course in high school English, emphasizing the study of vocabulary, grammar, writing, basic research skills, oral presentation skills, reading skills, and preparation for the AIR tests. **Graduation requirement.**

#114 HONORS ENGLISH II	Credit: 1.00	Year
Prerequisite: Recommendation	Grade: 9	Fee charged

An advanced English course offered to 9th graders, for which a student qualifies on the basis of placement test scores and teacher recommendation. In addition to the material covered in English I, this course challenges the advanced student with additional reading, writing, and research at a more advanced level. Summer reading is required, and completion of summer assignments is a must in order to remain in the course.

GRADE LEVEL 10

#120 ENGLISH II	Credit: 1.00	Year
Prerequisite: English I	Grade: 10	Fee charged

Students conclude their preparation for the AIR tests and continue to expand their skills in vocabulary, grammar, writing, research, reading, and speaking. **Graduation requirement.**

#124 HONORS ENGLISH III	Credit: 1.00	Year
Prerequisite: Recommendation	Grade: 10	Fee charged

An advanced English course offered to 10th graders, for which a student qualifies on the basis of placement test scores and teacher recommendation. In addition to the material covered in English II, this course challenges the advanced student with additional reading, writing, and research at a more advanced level. Students are encouraged to take the PSAT for an additional fee. Summer reading is required, and completion of summer assignments is a must in order to remain in the course.

GRADE LEVEL 11

#130 ENGLISH III	Credit: 1.00	Year
Prerequisite: English II/ Recommendation	Grade: 11	Fee charged

A course that promotes technical reading and writing with focus on authentic experiences. Students further their study of grammar and vocabulary, culminating in a major research paper that utilizes advanced research in both print and electronic sources. The study of American literature enhances analytical and critical thinking skills. **Graduation requirement.**

#133 ACCELERATED ENGLISH III	Credit: 1.00	Year
Prerequisite: English II/ Recommendation	Grade: 11	Fee charged

Students refine and enhance their expository and persuasive writing skills, including the study of grammar and vocabulary, culminating in a major research paper that utilizes advanced research in both print and electronic sources. The study of American literature enhances analytical and critical thinking skills. Successful completion of the research paper is a course requirement. Registration for PSAT is encouraged. Summer reading is required.

#134 HONORS ENGLISH IV	Credit: 1.00	Year
Prerequisite: Honors English III	Grade: 11	Fee charged
Recommendation		

An advanced English course offered to 11th graders, for which a student qualifies on the basis of test scores and teacher recommendation. In addition to the material covered in English III, this course challenges the advanced student with additional reading, writing, and research at a more advanced level. Successful completion of the research paper is a course requirement. Registration for PSAT is encouraged. Summer reading is required, and completion of summer assignments is a must in order to remain in the course.

GRADE LEVEL 12

#140 ENGLISH IV	Credit 1.00	Year
Prerequisite: English III	Grade 12	Fee charged

This course is designed for the college-bound high school student. This course will strengthen students' existing reading and writing skills while enhancing skills in the areas of critical analysis, research, and academic vocabulary. Students will read both informational and literary selections. Additionally, students will prepare for college-entrance exams. Graduation requirement.

#141 ACCELERATED ENGLISH IV	Credit 1.00	Year
Prerequisite: English III/ Accelerated English III/Recommendation		Fee charged

This writing-intensive course is designed to bridge the gap between high school and college. Topics include: grammar studies, vocabulary lessons, ACT/SAT preparation, and college and scholarship writing. Extensive reading is necessary, so a competence in analytical reading and writing is essential. Summer reading required.

#145 ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION

English IV	Credit: 1.00	Year
Prerequisite: Honors Eng. IV/ Recommendation	Grade: 12	Fee charged*

Advanced study of college-level writing skills and intensive analysis of great literature prepare students for the Advanced Placement Exam in English Literature and Composition, offered in May. (*There is an \$94 fee for this test.) Depending on student score, college credit may be earned. Summer reading is required, and completion of summer assignments is a must in order to remain in the course.

ELECTIVE COURSES

#118 CREATIVE WRITING I	Credit: .50	Semester
Prerequisite: None	Grades: 9-12	Fee Charged

This course is an introduction to the craft of creative writing. Students will examine literary conventions as well as the writing techniques and tools essential to effective writing and editing of a variety of genres. The emphasis will be on generating ideas while becoming familiar with some of the basic strategies for reading and discussing others' writing.

#142 CREATIVE WRITING II
Prerequisite: None

Credit: .50
Grades: 11-12

Semester
Fee Charged

This course continues to explore the craft of creative writing. Students will identify, explore and analyze traditional and non-traditional literary forms and genres while working on individual creative writing projects. This class provides an opportunity for students to write more intensively and extensively, creating new work and revising previously written work in a workshop setting.

APPLIED LANGUAGE ARTS

#160 - ALA Yearbook

#162 - ALA Newspaper

Prerequisite: Permission

Credit: .50
Grades: 10-12

Semester
No Fee

Workshop course in which students apply their language skills to create the high school yearbook and the high school newspaper. (After successful completion of Applied Language Arts, a student who wishes to continue in this area of work may register for Applied Language Arts again.) Students are scheduled by semester, but may take two semesters in one year for one full credit. Students are required to participate in fundraising activities both during the school year and throughout the summer before the class begins.

#181 MYTHOLOGY

Prerequisite: None

Credit: .50
Grades: All

Semester
No Fee

An introduction to the primary characters and most important stories of the classical Greek, Roman, Norse, Mid and Far Eastern, African and American Mythologies. This course emphasizes creation, nature, and hero myths as they shaped ancient civilizations and how these myths affect culture today. Students will enjoy entertaining stories and develop awareness for allusions and examples of mythology in the modern world. Including references in trademarks, names of business products, and mythology's influence on the arts, literature, and sciences.

Foreign Language Courses

A four-year sequence helps prepare students for the College Placement Test enabling students to earn extra college credits. It is strongly recommended that a student selecting a foreign language have at least an overall “C” average. Also, it is strongly recommended that a student advancing to the next level of foreign language have a “C” average for the previous year.

#419 LATIN AM. HISTORY & CULTURE **Credit: 0.5** **Semester**
Prerequisites: None (Elective) **Grades: 9-12** **No Fee**

Latin American History and Culture is an introductory course designed for students who are interested in learning about Spanish/Latin American history and culture. The curriculum will focus on how Hispanic Americans came to be in the Americas, as well as how the history of Latin America affects modern arts and society.

#421 SPANISH I **Credit: 1.00** **Year**
Prerequisite: “C” average in English **Grades: All** **Fee charged**

This course involves speaking, listening, reading and writing Spanish as well as studying the culture and traditions of Spanish speaking countries. It is designed for college-bound students who have demonstrated above average abilities and possess a diligent work ethic. As part of the 21st century teaching model students are expected to work in collaboration and cooperation with fellow students. Students are encouraged to explore and discover information about the Spanish language in a variety of ways; project based learning, hands on activities, as well as presentations to enhance public speaking skills. It is recommended that a student has a “C” average or above in English.

#422 SPANISH II **Credit: 1.00** **Year**
Prerequisite: Spanish I **Grades: All** **Fee charged**

Spanish II is available to all students who have successfully completed the first year of Spanish or Spanish Pre-II with a fair degree of knowledge and mastery. It reviews and expands the major grammar points of the language. Emphasis is placed on understanding, speaking, writing, and reading. As part of the 21st century teaching model students are expected to work in collaboration and cooperation with fellow students. Students are encouraged to explore and discover information about the Spanish language in a variety of ways; project based learning, hands on activities, as well as presentations to enhance public speaking skills. It is recommended that a student earn a “C” or above in Spanish I.

#420 HONORS SPANISH II **Credit: 1.00** **Year**
Prerequisite: Spanish I/Recommendation **Grades: All** **Fee charged**

Students who have successfully completed the first year of Spanish with a clear and precise understanding of conjugating verbs and sentence structures are encouraged to take this course. This is a rigorous course that is designed to incorporate college readiness, skills and preparation. An emphasis is placed on understanding, speaking, writing and reading the Spanish language. As part of the 21st century teaching model students are expected to work in collaboration and cooperation with fellow students. Students are encouraged to explore and discover information about the Spanish language in a variety of ways; project based learning, hands on activities, as well as presentations to enhance public speaking skills.

#423 HONORS SPANISH III **Credit: 1.00** **Year**

Prerequisite: Spanish II* **Grades: 10-12** **Fee charged**

***A “C” average in Spanish II is recommended.**

This course is an expansion of speaking, listening, reading and writing skills which will be further developed in Spanish III. This course includes exposure to Spanish literature and film blended with study of culture and careers. As part of the 21st century teaching model students are expected to work in collaboration and cooperation with fellow students.

Students are encouraged to explore and discover information about the Spanish language in a variety of ways; project based learning, hands on activities, as well as presentations to enhance public speaking skills.

#424 HONORS SPANISH IV **Credit: 1.00** **Year**

Prerequisite: Spanish III* **Grades: 11-12** **Fee charged**

***A “C” average in Spanish III is recommended.**

Honors Spanish IV is an expansion of speaking, listening, reading and writing skills developed in Spanish III complimented with literature, poetry, history, art, and film. As part of the 21st century teaching model students are expected to work in collaboration and cooperation with fellow students. Students are encouraged to explore and discover information about the Spanish language in a variety of ways; project based learning, hands on activities, as well as presentations to enhance public speaking skills.

#425 AMERICAN SIGN LANGUAGE I (ASL) **Credit: 1.00** **Year**

Prerequisite: None **Grades: 9-12** **Fee charged**

The purpose of this course is to enable students to begin to acquire proficiency in American Sign Language through a linguistic, communicative, and cultural approach. Emphasis is placed on the development of receptive and expressive signing skills and on the acquisition of the fundamentals of ASL grammar. An exposure to the deaf and hard of hearing culture will be presented. Students will participate in interactive classroom activities using the “Voices Off” Policy to ensure ASL immersion.

#426 AMERICAN SIGN LANGUAGE II (ASL) **Credit: 1.00** **Year**

Prerequisite: None **Grades: 9-12** **Fee charged**

Students will continue to expand vocabulary and concepts acquired in ASL 1 as well as moving from signing concrete concepts to abstract concepts. Expansion of conversational range to build on the core knowledge of the language includes talking about other people and activities, giving directions, and making requests. Both expressive and receptive skills of students will be the focus of the course, with an equal emphasis. Students will participate extensively in interactive classroom activities using the “Voices Off” Policy to ensure ASL immersion. Students develop discourse skills appropriate for establishing connections with deaf acquaintances and handling a variety of interruptions. Through in-class discussions, and demonstrations. Students are exposed to elements of Deaf culture and the Deaf Community.

#427 AMERICAN SIGN LANGUAGE III (ASL) **Credit: 1.00** **Year**

Prerequisite: ASL II **Grades: 9-12** **Fee charged**

ASL 3 will further develop the student’s expressive/receptive skills. It is conducted entirely in ASL offering the students opportunities to demonstrate their expressive/receptive skills. It will cover various topics and an in-depth study of descriptive classifiers (DCL’s) and is designed to further the development of spontaneous language usage through poetry and storytelling. Deaf cultural topics are included to provide context for vocabulary units and to expand cultural perspectives and understandings.

Health and Physical Education Courses

#010 P.E.-LIFE FITNESS**

Prerequisite: None

Credit: .25

Grade: 9

Semester
Fee Charged*

Uniform and lock required.* Students will be taught the benefits and importance of physical activity while they are involved in a regular exercise program. A variety of cardiorespiratory endurance activities as well as muscular strength, muscular endurance and flexibility exercises will be highlighted. Teamwork, self-reliance, physical skills and social skills will be emphasized. Activities which require active physical contact will not be coeducational. **Graduation requirement.

#020 P.E.-IND.TRAINING**

Prerequisite: P.E. I

Credit: .25

Grade: 10

Semester
Fee Charged*

Uniform and lock required.* Students will continue to learn the benefits of exercise while they are involved in a regular exercise program. Muscular strength and muscular endurance will be emphasized as students develop and participate in an individualized weight training program. On alternating days, students will participate in various team and individual sports. Carry-over value to leisure time activities will be stressed. **Graduation requirement.

****Students who may not participate in physical activity due to medical reasons will be rescheduled for when they are healthy or they must complete extensive written work in order to receive credit for either of these two courses.**

#021 HEALTH

Prerequisite: None

Credit: .50

Grade: 9-12

Semester
No fee

Required for freshmen, this course deals with aspects of social, emotional, mental, and physical health. Units include: alcohol, tobacco & other drugs, growth and development, body systems, and nutrition & physical education. Current events related to healthy lifestyle choices and wellness are also included.

#031 HEALTHY LIVING

Prerequisite: None

Credit: .50

Grade: 10-12

Semester
No Fee

Have you ever said to yourself, "when am I going to use what I am learning in this class in the future?" If so, this is the perfect course for you! Personal Family Living is a course designed to teach lifelong skills that are needed for independent living. The goal of this course is to teach basic health concepts, social roles and responsibilities, post-high school opportunities, and an understanding of personal finances. At the end of this course you will have the skills and abilities to function as a successful adult in the real world.

#032 HEALTH AND WELLNESS

Prerequisite: None

Credit: .50

Grades:

Semester
No Fee

This course will explore the meaning of "wellness" in today's society. It will aim to help students understand that wellness extends beyond physical fitness, but reaches to mental, social and emotional health as well.

#034 ADVANCED PHYSICAL EDUCATION **Credit: .50** **Semester**
Prerequisites: None **Grades: 10, 11, 12** **Fee Charged**

Individual fitness, strategizing, coaching and officiating will be included in this course. Upon completion of this course students will be able to create a personal fitness program featuring nutrition and exercise. Students will learn fundamentals of coaching and officiating. They will have opportunities to learn more about life long fitness skills. Students will be expected to visit a fitness center, participate in all activities, learn how to coach and officiate games.

Students will be graded on participation, fitness activities, officiating skills, written tests, quizzes and projects. The class is open to sophomores through seniors who have passed their second PE course with a "B" or higher, or have an approved recommendation.

#036 DANCE AND FITNESS **Credit: .25** **Semester**
Prerequisite: First year of PE **Grades: All** **No Fee**

Dance and Fitness will explore dance styles that include line dancing, aerobics dance, salsa, ballet, hip hop, and swing to modern dance. No experience is required; however, the students will be required to participate in front of classmates. A fitness unit will also be completed in this course which includes Pilates, aerobics, body sculpting, and fitness conditioning. The students will also develop a fitness program that will be designed to encourage a healthy lifestyle.

#040 BASIC ATHLETIC TRAINING I **Credit: .50** **Semester**
Prerequisite: None **Grades: 9-12** **No Fee**

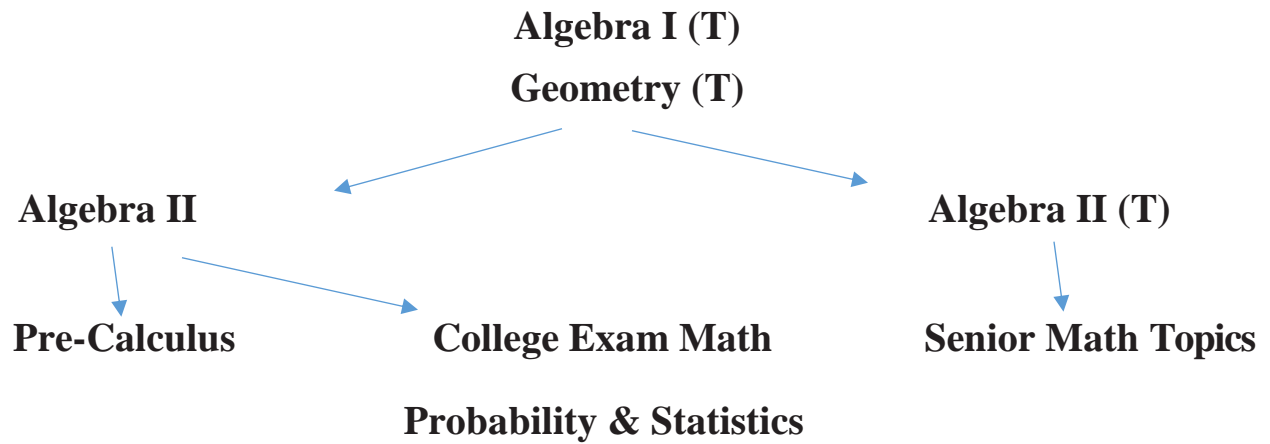
An elective course designed to promote the benefits of exercise through strength and conditioning. Students looking to maintain a healthy lifestyle, eliminate stress through physical activity, or train for sport-specific skills will benefit from this course. Students are required to keep a journal/log documenting their physical activity. Proper dress is required.

#041 BASIC ATHLETIC TRAINING II **Credit: .50** **Semester**
Prerequisite: Basic Athletic Training I **Grade: 9-12** **No fee**

An elective course designed to further promote the benefits of exercise through strength and conditioning. Students looking to maintain a healthy lifestyle, eliminate stress through physical activity, or train for sport-specific skills will benefit from this course. Students are required to keep a journal/log documenting their physical activity. Proper dress is required.

Math Courses

MATH COURSE SEQUENCE POSSIBILITIES



- | |
|---|
| <p>Honors Geometry</p> <p>Honors Algebra II</p> <p>Honors Pre-Calculus</p> <p>Honors Calculus</p> |
|---|

Graduation requirement — 4 credits of Math

#310 ALGEBRA I **Credit: 1.00** **Year**
Prerequisite: Approval **Grade: 9** **Fee charged**

This course deals with solving equations, studying graphs, and it supplies the language and patterns of reasoning used in other branches of mathematics. Concepts including linear expressions, equations, polynomials, and graphs are covered. *A scientific calculator is required; a graphing calculator (preferably a TI-84 Plus) is recommended.

#320 GEOMETRY **Credit: 1.00** **Year**
Prerequisite: Approval **Grade: 10** ***No Fee**

Geometry deals with points, lines and planes. It develops powers of spatial visualization. Students perceive the role of inductive/deductive reasoning in both mathematical and non-mathematical situations, and they strengthen their basic algebra skills necessary for success on the Ohio Graduation Test in Mathematics. *A scientific calculator is required; a graphing calculator (preferably a TI-84 Plus) is recommended.

#324 HONORS GEOMETRY **Credit: 1.00** **Year**
Prerequisite: H. Alg. I and/or Approval **Grades: 9-10** ***No Fee**

This course is for high ability students who plan to study mathematics or mathematics related fields in college. Geometry deals with points, lines and planes. It develops powers of spatial visualization. Students perceive the role of inductive/deductive reasoning in both mathematical and non-mathematical situations, and they strengthen their basic algebra skills. *A scientific calculator is required; a graphing calculator (preferably a TI-84 Plus) is recommended.

#316 ALGEBRA II **Credit: 1.00** **Year**
Prerequisite: Approval **Grade: 11-12** **Fee Charged**

Algebra II is basic to all higher mathematics. Algebra II deals with properties of numbers, graphs, expressions, equations, and inequalities as well as matrices, logarithms, and trigonometry. ***A graphing calculator (preferably a TI-84 plus) is a requirement for this course.**

#314 HONORS ALGEBRA II **Credit: 1.00** **Year**
Prerequisite: H.G geom. and/or Approval **Grade: 10-11** ***No Fee**

This course is for high ability students who plan to study mathematics or mathematics related fields in college. Algebra II is basic to all higher mathematics. Algebra II deals with properties of numbers, graphs, expressions, equations, and inequalities as well as matrices, logarithms, and trigonometry. ***A graphing calculator (preferably a TI-84 plus) is a requirement for this course.**

#308 SENIOR MATH TOPICS **Credit: 1.00** **Year**
Prerequisite: Algebra II(T) **Grade: 12**

This course is for students who have successfully completed Algebra II-T. It extends the Advanced Algebra concepts from the previous course. This course deepens students' understanding of and ability to apply advanced mathematical concepts to applications in careers and for college entrance tests. Use of technology allows students to be actively thinking about information, making choices, and executing skills. A scientific calculator is required.

#328 PRE-CALCULUS **Credit: 1.00** **Year**
Prerequisite: Approval **Grades: 11-12** ***No Fee**

This course is for those students who plan to attend college or any other post-secondary education. Trigonometry and Analytic Geometry as well as functions will be emphasized. *A graphing calculator (preferably a TI-84 plus) is a requirement for this course.

#334 HONORS PRE-CALCULUS **Credit: 1.00** **Year**
Prerequisite: H.Alg.II and/or Approval **Grades: 11-12** ***No Fee**

This course is for high ability students who plan to study mathematics or mathematics related fields in college and plan on taking AP calculus as a senior.. Functions, Trigonometry & Analytic Geometry will be emphasized. *A graphing calculator (preferably a TI-83 plus) is a requirement for this course.

#330 HONORS CALCULUS **Credit: 1.00** **Year**
Prerequisite: Pre-Calc. or Honors Pre-Calc. **Grades: 12** ***No Fee**

This course is for students who plan to study mathematics or mathematics related fields in college. Content includes the study of limits, derivatives, and integrals and their applications. *A graphing calculator (preferably a TI-84 plus) is a requirement for this course.

#318 PROBABILITY & STATISTICS **Credit: .50** **Semester**
Prerequisite: Algebra II **Grades: 11-12** ***No Fee**

Course content includes data analysis, probability, and gaming. A scientific calculator is required for this course.

#349 COLLEGE EXAM MATH **Credit: .50** **Semester**
Prerequisite: Algebra II **Grades: 11-12** ***No Fee**

The course is designed to help students prepare for college admissions tests. The students will study materials and review concepts found in the mathematics sections of the SAT and ACT tests. Taking this course in conjunction with pre-calculus would give students the best advantage for college math placement. *A scientific calculator is required for this course.

#1530 COLLEGE ALGEBRA **4 College Credits**
Prerequisite: Appropriate score on Tri-C Placement Test

Topics include extensive function (linear, quadratic, polynomial, radical, roots , power, piece-wise, exponential, logarithmic) representation including verbal, numeric, graphic, and algebraic, identifying properties of the different function types, transformation of functions, solve linear, polynomial, rational, absolute value, exponential and logarithmic equations.

Solve quadratic, polynomial and rational inequalities in one variable. Determine and graph conic sections, solve non-linear systems of equations and inequalities and solve systems of equations using matrices, arithmetic and geometric sequences and series. Includes applications and activities to build skills in problem solving.

#540 Trigonometry **3 College Credits**
Prerequisite: Appropriate Score on Tri-C Placement Test

This course is part of a two-semester sequence. Topics include trigonometric functions and their values for all angles, vectors and oblique triangles, graphs of trigonometric functions, trigonometric identities and equations. Applications and activities to build skills in problem solving included.

Music Courses

#600 BAND **Credit: 1.00** **Year**
Prerequisite: Approval** **Grades: All** ***Fee charged**

This is an organization for those whose ability to play a band instrument has been approved by the high school/middle school band director. It consists of rehearsals, marching and playing concert music. **A prerequisite consists of two or three years of study on an instrument. Mandatory rehearsals for Marching Band begin mid-July, a few weeks before school opens. Fee for miscellaneous equipment and cleaning is charged each year. Due to limitations of equipment, the total number of percussionists admitted to the course will not exceed thirteen (13). (When necessary, the top 13 drummers will be selected on the basis of an audition.) *Board mandated \$25.00 transportation fee charged in addition to course fees.

The curriculum for choral music is designed to develop a working understanding and appreciation of choral music and choral singing through the discipline of learning the skills and techniques for the proper use of the singing voice. In the Concert Choir, A Cappella Choir and Music Express, students work to master correct breathing, posture, diction, part singing and basic musicianship skills. These skills are essential for any student planning to pursue any music or performance career. As a result of these studies, students gain important life experience such as the ability to work with others, goal setting and working toward those goals, overcoming the anxiety of public speaking and performance, improved self image, and the rewards of hard work. These experiences are beneficial to all students no matter what type of career they plan to have. This curriculum is designed to help students become better individuals as well as musicians.

#610 Music Theory **Credit .5** **Semester**
Prerequisite: Prior experience with band **Grade: 10-12** **Fee charged**

Students should be either currently enrolled in/or have prior experience in band or choir classes. This class will cover beginner skills dealing with music theory such as clef identification, note naming, simple and compound meter rhythms, intervals and chords, and basic voice leading.

#611 Music Theory II **Credit .5** **Semester**
Prerequisite: Prior experience with band **Music Theory I** **Grade: 10-12**

This class will cover more advanced analysis and music writing skills to apply learned skills from music theory I. Topics such counterpoint, 2-part harmony, 4-part harmony, and chord building will be used to help students learn how to compose music and analyze various pieces of music.

#620 FRESHMAN CHOIR **Credit: 1.00** **Year**
Prerequisite: None **Grade: 9** **Fee charged**

Freshmen Choir is a beginning choral ensemble for ninth graders who love to sing and have a positive attitude. Students will study appropriate choral singing techniques while preparing quality choral literature for a winter concert in December and a spring concert in May. The skills acquired in this course will prepare students to move on to the Varsity Choir as Sophomores.

#630 VARSITY CHOIR	Credit: 1.00	Year
Prerequisite: Freshmen Choir or pass voice screening	*Grades: 10-12	Fee charged

Varsity Choir is an advanced choral ensemble for students who have either successfully completed one year of Freshmen Choir or passed a voice screening audition administered by the director. Transfer students who were in choir at the previous school are also welcome to enroll provided they are receiving a passing grade.

This course focuses on the elements of appropriate choral singing techniques while preparing quality choral literature for a winter concert in December, a spring concert in May and performances for the community. Members need a positive attitude, a love of singing and the ability to follow instructions.

#635 MUSIC EXPRESS	Credit: 1.00	Year
Prerequisite: Audition	Grades: All	*Fee charged

The Music Express is a show choir (singing and dancing) comprised of select students who are already a member of A Cappella Choir, Concert Choir, or Band. Members must be extremely dedicated and willing to perform many concerts, contests, and community events in addition to their regular concert requirements. Students are chosen by audition on the following basis:

1. Ability to read music.
2. Ability to match pitch.
3. Vocal range of at least 1-1/2 to 2 octaves.
4. Tone quality and vocal production.
5. Breath control and diction.
6. Coordination and dance ability.
7. Attitude.
8. Availability for rehearsals and performances.

#641 THE MUSIC OF THE MOVIES	Credit: 0.5	Semester
Prerequisite: None	Grades: 9-12	No Fee

Film music is something most people take for granted as it plays in the background of the latest summer blockbuster, but music plays an enormous role in manipulating our emotions during a film. It can tug at your heartstrings, make your pulse race, create suspense, frighten you, delight you, warn you of danger or even play a character in the film. This course will examine the evolution of American film music and the composers who created it.

Science Courses

Graduation requirement - 3 credits of science.

#340 PHYSICAL SCIENCE

Credit: 1.00

Semester

Prerequisite: None

Grade: 9

Fee charged

This course offers a deeper understanding in the fundamental properties of energy and matter through an investigation into physics and chemistry. Students will develop scientific understanding, inquiry skills and laboratory techniques while applying math and reasoning skills to scientific problems. Physics fundamentals include motion, forces, energy, heat, and temperature. Chemical topics include the properties of matter, atomic structure and its relationship to the periodic table, chemical bonding and reactions, acids/bases and nuclear chemistry.

#363 HONORS PHYSICAL SCIENCE

Credit: 1.00

Year

Prerequisite: Recommendation

Grade: 9

Fee charged

This course provides a solid foundation in basic chemistry and physics while heavily emphasizing the use of mathematic modeling and mathematics as a tool to aid in developing scientific understanding, inquiry, and process skills. Students will develop lab techniques and skills, application of math and reasoning skills that help students to better develop their scientific literacy. This course begins with a look at accuracy, precision and uncertainty.

Chemical topics including explorations in matter, atoms in the Periodic Table, chemical reactions, balancing equations, solutions, acids, bases, and salts will be explored. The fundamental principles of physics explored include motion, forces, work, energy, heat, and temperature. The depth of material, additional mathematics analysis and insertions of scientific history and interdisciplinary connections separate the honors from the traditional course.

#360 BIOLOGY

Credit: 1.00

Year

Prerequisite: Physical Science

Grades: 10-12

Fee charged

Biology is the study of the three basic patterns of life; patterns of structure, patterns of function and patterns of change. The course deals with living organisms in all their manifestations. The pace and depth of this course is rigorous. This course meets all the requirements for the state of Ohio's end-of-course exams. The course of study includes: Heredity, Evolution, Diversity, and Interdependence of Life and Cellular Structure, Function and Processes.

#361 BIOLOGY-T

Credit: 1.00

Year

Prerequisite: Physical Science

Grades: 10-12

Fee charged

Biology is the study of the three basic patterns of life; patterns of structure, patterns of function and patterns of change. The course deals with living organisms in all their manifestations. It is a laboratory course. Use of technology allows students to be actively thinking about information, making choices, and executing skills. This course meets all the requirements for the state of Ohio's end-of-course exams. The course of study includes: Heredity, Evolution, Diversity, and Interdependence of Life and Cellular Structure, Function and Processes.

#364 HONORS BIOLOGY

Credit: 1.00

Year

Prerequisite: Recommendation**

Grade: 10

Fee charged

**A minimum grade of a "B" must have been earned in Honors Physical Science in order to take this course. This is a course designed for any student who desires a more intense study plan than regular biology. Basic topics are the same as biology. This course meets all the requirements for the state of Ohio's end-of-course exams. The course of study includes: Heredity, Evolution, Diversity and Interdependence of Life and Cellular Structure, Function, and Processes.

#370 CHEMISTRY**Prerequisite: Alg.I, Bio.,Perm.****Credit: 1.00****Grades: 11-12****Year****Fee charged**

Chemistry is the study of the properties, composition and structure of matter and the changes that matter undergoes. It deals with inorganic, organic and environmental chemistry. This course is recommended for college-bound students only, especially those who are planning to major in a scientific field such as chemistry, biology, lab or medical technology, pharmacy, medicine, nursing, agriculture, forestry, geology, etc.

#371 ENVIRONMENTAL SCIENCE**Prerequisite: none****Credit: 1.00****Grades: 11-12****Year****Fee charged**

In this course, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. The course is interdisciplinary, focusing on both rigorous scientific analysis as well as sociological and political aspects. Environmental Science encompasses a wide variety of topics including: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources in environmental systems; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; man's influence on the environment; and changes in environments.

#358 ASTRONOMY I**Prerequisite: Alg. I & Chem.*****Credit: .50****Grades: 12****Semester****Fee charged**

* a "C" average in Chemistry is recommended.

Astronomy I is a course designed to allow the student to gain knowledge and insight into the functioning of the solar system, stars, galaxies, and the evolution of the universe. The student will learn to locate visible objects in space and understand the physical and chemical changes associated with celestial objects. The student will complete an Astronomy project and engage in naked eye and telescopic observations.

#369 FORENSIC SCIENCE**Prerequisite: Chemistry *****Credit: .50****Grades: 11-12****Semester****Fee charged**

* a "C" average in Chemistry is recommended.

This course introduces some of the specialized fields of forensic science and applies them to a number of suspicious situations and criminal cases. Topics will include biochemistry, analytical chemistry, organic chemistry, pharmacology, physics, serology, and toxicology. This course is designed for college-bound seniors who have successfully completed Chemistry. Students currently enrolled in Chemistry are also permitted.

#366 AP BIOLOGY**Prerequisite: Bio., Chem., Perm.******Credit: 1.00****Grade: 12****Year****Fee charged***

This course is recommended for college preparatory students only, who expect to major in sciences, nursing, or health professions, or meet a college requirement, and who wish to secure advance scientific training. The course includes advance biological topics and is a sequel to Biology. Dissections and independent lab work are required. **Must have a minimum "B" average in Chemistry. *This course will prepare students for the AP exam given in May. Cost of this test is approximately \$85.00.

#368 HONORS HUMAN ANATOMY & PHYSIOLOGY	Credit: 1.00	Year
Prerequisite: Bio., Chem., Health*	Grade: 12	Fee charged

*** a "C" average in Chemistry is recommended.**

This class is recommended for seniors who are contemplating careers in the field of medicine, nursing, physical therapy, physical education, etc. Students currently enrolled in Chem or Environmental Science are also permitted. The course is designed to provide a more detailed explanation of human body parts and functions beyond those already covered in the standard school biology or health classes. This will be accomplished through the dissection of animals that closely relate to man in structure such as sheep and cow parts, pigs and also through observing and working with an authentic skeleton.

#376 HONORS ADV. CHEMISTRY	Credit: 1.00	Year
Prerequisite: Alg.I, Chem. & Permission	Grade: 12	Fee charged

This course is a continuous flow of subject matter from Chemistry. It provides a more complete program for the scientifically-oriented student. The course deals with the physical, analytical and semi-micro qualitative inorganic chemistry. Students planning to enter a scientific or medical field are strongly advised to take this course.

# 378 ENVIRONMENTAL PHYSICS	Credit: 1.00	Year
Prerequisite: 2 credits of Science	Grades: 11-12	Fee charged

This course will offer a general overview of the study of physics including: kinematics, dynamics, heat, electricity, magnetism, optics, modern physics, and their importance to our global society. Assessment will include laboratory activities, research, oral, written, and multimedia projects. This course is NOT recommended for students seeking careers in science, mathematics or medical fields. **This course does not count towards the physics requirement for the Honors Diploma.**

#380 HONORS PHYSICS	Credit: 1.00	Year
Prerequisite: Alg.II, Geom. & Chem.**	Grades: 12	Fee charged

**** a "C" average in Chemistry is recommended.**

Physics is an honors lab course that seeks to integrate theory with practice. Honors physics will stress the theoretical and mathematical basis of physics. Strong mathematical skills are essential. This course will provide students with an introductory study of the theories and laws governing the interaction of matter, energy, work, power, wave properties, light, sound, electricity, magnetism, nuclear physics, and relativity. This course is recommended for college preparatory students who expect to follow a career in science.

#390 PLANT SCIENCE	Credit: .50	Semester
Prerequisite: Bio., Chem., Permiss.*	Grade: 11-12	Fee charged

*** a "C" average in Chemistry is recommended.**

Plant Science is an introductory course which integrates botany, and plant ecology. The course is designed primarily to give the student an overview of plant anatomy and physiology, taxonomy, and ecology. The class will include classroom instruction, laboratory work, and a considerable amount of time outdoors. Students currently enrolled in Chemistry are also permitted.

#1060 Environment, Ecology, and Evolution 3 College Credits

Prerequisite: Appropriate score on Tri-C Placement Test

Designed for non-science majors. Questions about the natural world are explored through an introduction to the principles of evolution and ecology, including how populations change over time and how organisms interact with each other and the environment. Topics include scientific inquiry; nature of science; evolutionary processes; diversity of life; population, community, and ecosystem ecology; human impacts on the environment; environmental stewardship; and regional environmental concerns.

#106L Environment, Ecology, & Evolution Laboratory 1 Credit

Prerequisite: Enrollment in BIO 1060

Designed for non-science majors. Questions about the natural world are explored through hands-on laboratory and field activities focusing on evolution, ecology, and environmental science. Scientific inquiry is used to investigate how populations change over time; the diversity of life; community ecology; ecosystem ecology; and human impacts on the environment.

Social Studies

Graduation requirement - 3 credits of Social Studies taken in the following sequence:

Grade 9 – World History
Grade 10 – American History

Grade 11 – Government
Grade 12 - Elective

#230 WORLD HISTORY
Prerequisite: None

Credit: 1.00
Grade: 9

Year
Fee Charged

A study of man’s outstanding accomplishments in the areas of politics, economics, science, and art from the Renaissance to the present-day with an emphasis on western civilizations. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course meets all the requirements for the state of Ohio’s end-of-course exams. **Graduation requirement.**

#233 HONORS WORLD HISTORY
Prerequisite: Application

Credit: 1.00
Grade: 9

Year
Fee Charged

A study of man’s outstanding accomplishments in the areas of politics, economics, science, and art from the Renaissance to the present-day with an emphasis on western civilizations. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

*Students who apply should be working at the “A” and “B” level in all classes and be able to write a well-constructed essay.

#210 AMERICAN HISTORY
Prerequisite: None

Credit: 1.00
Grade: 10

Year
Fee Charged

Includes the time period beginning in 1865 and continuing through to present-day. It is the study of the past and present history of the United States within the realm of world events. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course meets all the requirements for the state of Ohio’s end-of-course exams. **Graduation requirement.**

#214 HONORS AM. HISTORY
Prerequisite: Application*

Credit: 1.00
Grade: 10

Year
Fee Charged

Includes the time period beginning in 1865 and continuing through to present-day. It is the study of the past and present history of the United States within the realm of world events. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course meets all the requirements for the state of Ohio’s end-of-course exams.

*Students who apply should be working at the “A” and “B” level in all classes and be able to write a well-constructed essay.

#220 TOPICS IN U.S. HISTORY - PART A **Credit: .50** **Semester**
Prerequisite: None **Grade: 11-12** **Fee Charged**

Part A will cover Exploration through 1876. The course will include a look into two or three significant events of the time period. Examples include, but are not limited to, the Colonial Period, the American Revolution, the development of the Constitution, the American Civil War, and the Reconstruction Period. The intent is to delve into a few topics in much more depth than can be done in the ninth grade survey course. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. Social Studies elective.

#221 TOPICS IN U.S. HISTORY - PART B **Credit: .50** **Semester**
Prerequisite: None **Grade: 11-12** **Fee Charged**

Part B will cover 1877 through present times. The course will include a look into two or three significant events of the time period. Examples include, but are not limited to, American Imperialism, the Jazz Age, World War I, The Great Depression, World War II, the Cold War, the 60's, the Civil Rights Movement, and the Vietnam War. The intent is to delve into a few topics in much more depth than can be done in the ninth grade survey course. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. Social Studies Elective.

#224 HONORS TOPICS IN U.S. HISTORY
PART A **Credit: .50** **Semester**
Prerequisite: Application* **Grade: 11-12** **Fee Charged**

Part A will cover Exploration through 1876. The course will include a look into two or three significant events of the time period. Examples include, but are not limited to, the Colonial Period, the American Revolution, the development of the Constitution, the American Civil War, and the Reconstruction Period. The intent is to delve into a few topics in much more depth than can be done in the ninth grade survey course. This honors level course will include outside readings and projects. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. *Students who apply should be working at the "A" and "B" level in all classes and be able to write a well-constructed essay.

#225 HONORS TOPICS IN U.S. HISTORY
PART B **Credit: .50** **Semester**
Prerequisite: Application* **Grade: 11-12** **Fee Charged**

Part B will cover 1877 through present times. The course will include a look into two or three significant events of the time period. Examples include, but are not limited to, American Imperialism, the Jazz Age, World War I, The Great Depression, World War II, the Cold War, the 60's, the Civil Rights Movement, and the Vietnam War. The intent is to delve into a few topics in much more depth than can be done in the ninth grade survey course. This honors level course will include outside readings and projects. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

*Students who apply should be working at the "A" and "B" level in all classes and be able to write a well-constructed essay.

#240 GOVERNMENT**Credit 1.00****Year****Prerequisite: None****Grade: 11****Fee Charged**

This required course will focus upon the political behavior of American citizens. The main emphasis is directed to the study of the U.S. Federal government and a comparative study of other forms of national government. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course meets all the requirements for the state of Ohio's end-of-course exams.

Graduation requirement.**ELECTIVE COURSES****#206 SPORTS HISTORY IN AMERICA****Credit: .50****Semester****Prerequisite: None****Grades: 9-12****Fee charged**

The purpose of this course is to examine the role of sports in American Society. The effects of sports on race and gender will be examined. The Civil Rights Movement and its effects on sports such as baseball, football, basketball, and golf will be examined. The role of women and Title IX on sports in America will be discussed. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

Social Studies Elective.**#235 AP UNITED STATES HISTORY****Credit: 1.00****Year****Prerequisite: Application*****Grade: 11-12****Fee charged****

An intensive study of the formal and informal structures of government and the processes of the American political system. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. It also provides preparation for the AP Exam in May. An emphasis is placed on interpreting documents, mastering a significant body of factual information, and writing critical essays. Topics include life and thought in colonial America, revolutionary ideology, constitutional development, Jeffersonian and Jacksonian democracy, nineteenth-century reform movements, and Manifest Destiny. Other topics include the Civil War and Reconstruction, immigration, industrialism, Populism, Progressivism, World War I, the Jazz Age, the Great Depression, the New Deal, World War II, the Cold War, the post-Cold War era, and the United States at the beginning of the twenty-first century. *Students who apply should be working at the "A" and "B" level in all classes, have successfully completed end-of-course in exams, and be able to write a well-constructed essay. **The charge for the AP test is approximately \$94.00.

#241 SOCIOLOGY**Credit: .50****Semester****Prerequisite: None****Grade: 11-12****Fee charged**

This course is designed to focus on group behavior with special attention on relationships, the family unit, teenagers, adults, sports, and ethnic and cultural aspects of our society. You will develop an understanding of why groups behave the way they do. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. ***Social Studies Elective.***

#244 AP GOVERNMENT
Prerequisite: Application

Credit: 1.00
Grade: 11-12

Year
Fee charged

A.P. United States Government and Politics is an intensive study of the formal and informal structures of government and the processes of the American political system. The course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. The goals of this course are to increase understanding of the American Political system and to prepare for the AP U.S. Government and Politics Exam. *Students who apply should be working at the "A" and "B" level in all classes, have successfully completed end of course exams and be able to write a well-constructed essay. **The approximate cost of the AP test is \$90.00.

#278 SOCIAL PSYCHOLOGY
Prerequisite: None

Credit: .50
Grade: 11-12

Semester
Fee charged

This is a systematic study of human behavior, the fundamental needs of man, and individual differences. The student obtains an understanding of his own personal make-up and behavior and that of his fellow man. Some of the topics include perception, growth and development, thinking, motivation, frustration, anxiety, personality, intelligence and personal adjustment.

This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course meets all the requirements for the state of Ohio's end-of-course exams. **Social Studies Elective.**

#209 GLOBAL ISSUES
Prerequisite: World History and American History

Credit: .50
Grade: 11-12

Semester
Fee Charged

This course will examine the topics that have a global impact and will provide a deeper understanding of the role the United States has had in global issues.

#298 GLOBAL GEOGRAPHY
Prerequisite: None

Credit: .50
Grade: 12

Semester
Fee charged

This course will help students better understand the complexities of the quickly changing modern world. A major aspect of this course will be the exploration of global cultures and cultural practices. Some of the topics deal with global religions, family practices, foods, traditions, and cultural taboos. The course will also emphasize current global events and issues such as the environment, globalization and the global economy, political and cultural conflicts, and human rights. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. **Social Studies Elective.**

#495 ECONOMICS
Prerequisite: None*

Credit: .50
Grades: 10-12

Semester
No Fee

Economics develops an understanding of how the basic economic theory of supply versus demand affects prices in the economy. A good course for the student pursuing a career in business or the consumer who wants to learn the intricacies of the market place. *General Business recommended.

Career-Based Intervention

#070 & #072 CBIP I**

Credit: 3.50

Year*

Prerequisite: Permission

Grade: 11

No Fee

*Schedule 2 periods for CBIP class.

The **Career Based Intervention Program is for students 16 years of age or older by October 1st. Students must apply for membership in the program. They will then be evaluated by their counselor and the CBIP coordinator and approved by the principal and their parents. Students will attend classes the scheduled periods of the school day and work at an on-the- job assignment for the remainder of the day. Students must be willing to spend five (5) days per week, a minimum of three (3) hours a day, and/or Saturday and Sunday, at their work station. Student must remain employed throughout the school year and show evidence of satisfactory attendance both in the classroom and on-the-job, to receive credit. Students who fail to acquire and maintain a job will be removed from the program and returned to the regular school program. Students must provide their own transportation. A private car is highly desirable. CBIP is a two-year opportunity. It is highly recommended that applicants have credits obtained before applying for the program.

#074 & #076 CBIP II**

Credit: 3.50

Year*

Prerequisite: Permission

Grade: 12

No Fee

*Schedule 2 periods for CBIP class.

For the **Career Based Intervention Program, students must be 16 years of age or older and must be closing in on possible graduation in the near future, as determined by the counselors and CBIP coordinator. Students completing CBIP I will be evaluated and are possible candidates for CBIP II as determined by the counselors. Students will attend their scheduled classes and work at an on-the-job assignment for the remainder of the day. Students must be willing to spend five (5) days per week and/or weekends to fulfill a fifteen (15) hour state minimum work standard. Students must remain employed throughout the school year on-the- job to receive credit. Students who fail to acquire and maintain a job will be removed from the program and returned to the regular school program. Students must provide their own transportation.

Sample Programs of Study

Sample programs of study are listed for each department. These samples are designed to provide a roadmap for students. They show how a student can meet the Ohio Graduation Requirements and still take electives in a career-area of interest. Each program of study shows grades 9-12 course requirements and electives relating to organization/activity suggestions and post-secondary options to 2 or 4-year degree options.

Visual Arts Careers

Required Academic, Elective and Career Technical Courses

Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I	Introduction to Art
10	English II	Geometry	Biology	World History	PE	Computer Apps II/ Photoshop	Drawing/Crafts
11	English III	Algebra II	Chemistry	Soc. Psyc. or Geogr.	Sculpture	Ceramics/ Painting	Foreign Language I
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc. Psyc. or Geogr.	Multimedia & Web Tools	Advanced Studio Art	Foreign Language II

Sample Career Options

Entry Level Sample Career Options	Associate Degree Sample Career Options	Bachelor Degree Sample Career Options
Layout Assistant Photography Assistant Store Display Artist	Interior Designer Landscape Designer Photographer Graphic Designer Clothing Design	Art Gallery Management Artist / Illustrator Art Therapist Film Industry Photograph er Art Teacher

Business/Computer Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I	General Business/ Business Law
10	English II	Geometry	Biology	World History	PE	Introduction to Art/ Computer Apps II	Economics
11	English III	Algebra II	Chemistry	Govt./ Soc. Psyc. or Geogr.	Accounting I	Multimedia & Web Tools/ Photoshop	Foreign Language I
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc. Psyc. or Geogr.	Accounting II	Java Programming I&II	Foreign Language II
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
Bank Teller Cashier Office Assistant		Retail Management Tax Preparer Paralegal Court Reporter Fashion Merchandising			Accountant IT Analyst Hotel/Restaurant Management Insurance Administration Real Estate Management Hospital Management		

English Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	Honors English II	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I	Introduction to Art
10	Honors English III	Geometry	Biology	World History	PE	Creative Writing	
11	Honors English IV	Algebra II	Chemistry	Govt./ Soc. Psyc. or Geogr.	Foreign Language I	Newspaper	Yearbook
12	AP English Literature & Composition	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc. Psyc. or Geogr.	Foreign Language II	Video Production	Popular Fiction/ British Literature
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
Government Agencies Secretary/Clerk Child Care		Stage Production Human Services Insurance Agent Travel Agent Business Management			Public Relations English Teacher Journalist/Writer/Publis her Dramatic Arts/Production Broadcasting/Radio/TV Law		

Foreign Language Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Physical Science	American History	PE/ Computer 101	Spanish I	German I
10	English II	Geometry	Biology	World History	PE/Health	Spanish II	German II
11	English III	Algebra II	Chemistry	Govt./ Soc. Psyc. or Geogr.	Computer 101/ Computer Apps I	Spanish III	German III
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc. Psyc. or Geogr.	Introduction to Art	Spanish IV	German IV
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
Travel Agent Clerk Government Agency Clerk Military Service		Tour Guide Police Officer/Firefighter Social Services Aide Airline Attendant Advertising/Marketing			International Business/Law Translator International Banking Government Agencies Technical Writer Labor Union Management		

Health and Physical Education Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Physical Science	American History	Health/Life Fitness	Computer 101/ Computer Apps I	Foreign Language I
10	English II	Geometry	Biology	World History	Individual Training/ PFL	Computer Apps II	Foreign Language II
11	English III	Algebra II	Chemistry	Govt./ Soc. Psyc. or Geogr.	Elective Activity	Introduction to Art	Foreign Language III
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Sociology	Basic Athletic Training	Human Anatomy & Physiology	Social Psychology
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
Military Service Nurse Aide Life Guard Coaching Assistant		Medical Assistant Child Care Aide Pharmacy Assistant Massage Therapist Social/Human Services Assistant			Personal Trainer Exercise Physiologist Recreation Management Sports Medicine Teacher/Coach Health Center Management		

Mathematics Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Honors Geometry	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I	Foreign Language I
10	English II	Honors Algebra II	Biology	World History	PE	Introduction to Art/ Computer Apps II	Foreign Language II
11	English III	Honors Pre-Calculus	Chemistry	Govt. / Soc, Psyc, or Geogr.	Probability & Statistics	Java Programming I	Foreign Language III
12	English IV	Honors Calculus	Environmental Physics	Soc, Psyc, or Geogr.	Economics	Java Programming II	Foreign Language IV
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
Customer Service Merchandising Bank Clerk Construction Trades		Engineering Technologist Auto Service Technician Pilot Draftsman/Surveyor			Financial Planner Stock Broker Architect Accountant Financial Management Engineer		

Fine Arts/Music Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Physical Science	American History	Health/PE	Concert Choir	Band
10	English II	Geometry	Biology	World History	PE	Concert Choir	Band
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.	Computer 101/ Introduction to Art	Concert Choir	Band
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psyc, or Geogr.	Jazz Ensemble	Concert Choir	Band
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
D.J. Dancer Musician		Art Therapist Choreographer Performer Accompanist			Professional Musician Recording Engineer Radio/TV Personality Advertising Music Teacher		

Science Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Honors Physical Science	American History	Health/PE	Computer 101/Computer Apps I	Foreign Language I
10	English II	Geometry	Honors Biology	World History	PE	Introduction to Art	Foreign Language II
11	English III	Algebra II	Honors Chemistry	Govt./ Soc, Psyc, or Geogr.	General Business	Computer Apps II	Foreign Language III
12	English IV	Coll. Exam Math/ Prob. & Stats	Physics	Psychology	AP Biology	Plant Science/ Human Anatomy & Physiology	Honors Advanced Chemistry
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
Landscaping Assistant Veterinary Assistant Emergency Medical Technician		Veterinary Technician Laboratory Assistant Electrician Wildlife/Fisheries Management			Physician Engineer Architect Dietician Turfgrass Management Science Teacher		

Social Studies Careers

Required Academic, Elective and Career Technical Courses							
Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Physical Science	Honors American History	Health/PE	Computer 101/Computer Apps I	Foreign Language I
10	English II	Geometry	Biology	Honors World History	PE	Introduction to Art/Computer Apps II	Foreign Language II
11	English III	Algebra II	Chemistry	Honors Topics in U.S. History	General Business/ Business Law		Foreign Language III
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Sociology	Social Psychology/ Global Geography	AP United States History	Foreign Language IV
Sample Career Options							
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options		
Police Officer Legal Clerk Child Care		Legal Assistant Court Reporter Civil Service Teaching Aide			Politician Economist Criminologist Teacher Financial Analyst International Business		