

2022-2023

COURSE CATALOG

Garfield Heights City Schools

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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 then 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 indication approval.
- Step #5 – Bring your signed registration form to school on the appropriate day to input your requests in the computer. You will do this with your teacher and guidance counselor during your English class.
- Step #6 – Turn in your registration 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

The Role of the Counselor in Registration

The major role of the school counselor is to assist you in your education and career planning. Their purpose is to help each student make a satisfactory adjustment to life, both in school and out of school. 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

Credits required for grade level promotion:

Promotion to Grade 10 – Must have 5 credits

Promotion to Grade 11 – Must have 10 credits

Promotion to Grade 12 – Must have 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), and 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.

Sample Programs of Study

Sample Programs of Study are listed for each department subject area and for each CVCC program. (See Program of Study section). The sample Programs of Study are designed to provide a “road map” for the student showing how a student can meet Ohio high school graduation requirements and still take elective courses in a career-area of interest. Each Program of Study shows grade 9-12 course requirements and electives, related organization suggestions, and postsecondary options ranging from entry-level career options to two or four-year degree options.

OHIO CORE GRADUATION REQUIREMENTS

Students who enter the ninth grade for the first time on or after July 1, 2010 are required to meet the Ohio Core Graduation requirements. The Ohio core was designed to prepare students for college and the workforce.

The requirements are as follows:

English	4 credits
Health	½ credit
Physical Education	½ credit (two quarter credit courses)
Financial Literacy	½ credit
Math	4 units, which shall include one credit of Algebra II or its equivalent
Social Studies	3 units (American History, World History and Government in addition to social studies elective)
Science	3 units (Physical Science, Biology, one unit of Advance Science)
Electives	4.5 credits
Total	20 credits

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

*Beginning with students who enter 9th grade after July 1, 2022, students will need ½ credit of financial literacy.

**Fine arts may not be required for students in career-tech programs unless it is a component of local course requirements.

In addition students must take End of Course exams in Algebra I and ELA II and earn a competent score decided upon by the Ohio Department of Education to graduate. Students also must take end of course exams in Geometry, American History, Biology and Government. Proficient scores on end of course exams can be used to earn seals.

Students can earn from 1-5 points for each exam, based on their performance.

- 5 – Advanced
- 4 – Accelerated
- 3 – Proficient
- 2 – Basic
- 1 – Limited

Students who do not earn the required number of graduation points can still meet the requirements for a diploma if they earn a remediation-free score on a national college admission test (ACT/SAT/WorkKeys with industry credential). This assessment will be given to students free of charge in the spring of their junior year.

Students also can qualify for graduation by earning an approved industry-recognized credential and achieving a workforce-readiness score on the WorkKeys.

Visit education.ohio.gov for more information.

THE OHIO CORE ALTERNATIVE GRADUATION PATHWAY

The law establishes an alternative method to each high school diploma without completing the Algebra II graduation requirement.

The requirements are as follows:

1. The student must complete two years of high school.
2. 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.
3. 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.
4. The student's high school must provide counseling and support for the student related to the plan.
5. The student may be required to take additional courses prescribed by the school to assist in the transition to work.
6. The student must complete all other graduation requirements of the Garfield Heights Board of Education and the State of Ohio.

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:

Ohio law provides new graduation requirements for students in the classes of 2021 and beyond. Students in the classes of 2021 and 2022 may meet the new requirements or one of the original three pathways that were in place when they entered grade 9. Students in the classes of 2023 and beyond (those who entered grade 9 on or after July 1, 2019) must meet the new requirements. Ohio's new graduation requirements consist of three key components:

1. **Course Completion** Students will satisfy Ohio's curriculum requirements and any additional local requirements. Students will complete the state minimum 20 units, with specific units required in each content area.
2. **Competency Demonstration** 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. **Readiness Demonstration** 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, social and emotional competencies, and leadership and reasoning skills. (See next two pages for more information.)

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.

GRADUATION SEAL REQUIREMENTS

Must earn 2: One must be a state defined and one can be locally defined

Citizenship Seal: (1 of the 4)

To earn Ohio's Citizenship Seal, students must satisfy one of the listed American History options and one of the listed American Government options:

American History options:

- Earn a final course grade that is equivalent to a "B" or higher in an American History course
- Earn a score of proficient or higher on Ohio's State Test in American History
- Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test in US History
- Earn a "B" or higher in appropriate American History College Credit Plus course.

American Government options:

- Earn a final course grade that is equivalent to a "B" or higher in an American Government course
- Earn a score of proficient or higher on Ohio's State Test in American Government
- Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test in US Government
- Earn a "B" or higher in appropriate American Government College Credit Plus course

Technology seal: (1 of 3)

- Earn a score equivalent to proficient on an appropriate Advanced Placement test
- Earn a "B" or higher in an appropriate CCP technology course
- Complete a technology course that meets criteria established by the Ohio Department of Education

Industry-recognized seal:

- Earn a 12-point industry-recognized credential
- Earn a group of credentials totaling XX points in a single career field

Science Seal: (1 of 4)

- Earn a score of proficient on Ohio's State Test in Biology
- Earn a score equivalent to proficient on an AP test
- Earn a "B" or higher in a CCP course
- Earn a B or higher in an advanced science course

Biliteracy Seal: ALL

- Demonstrate eligibility for a high school diploma
- Demonstrate English language arts proficiency
- Demonstrate world language proficiency.

Ohio Means Jobs Seal:

- Demonstration of profession skills, work-readiness, and work ethic competencies
- Students must have a total of 3 mentors to validate 15 professional skills needed

College Ready Seal:

- Earn remediation free scores on the ACT/SAT
- English - 21 ACT/ 480 SAT
- Math- 22 ACT/ 530 SAT

Honors Diploma Seal: (1 of 5 of the Honors Diploma)

- Honors
- Career-Tech
- STEM
- Civics and Social Sciences
- Fine Arts

Military Seal: (1 of 2)

- Provide evidence of enlistment in an armed service
- Participate in a junior reserve officer training corps (JROTC) program for at least two school years

Community Service Seal (Local Seal):

· A student will accumulate a total of **40 Community Service** hours throughout the duration of their high school career

Student Engagement Seal (Local Seal):

Complete any of the 2 approved extracurricular activities

Fine and Performing Arts Seal (Local Seal):

· Earn a C or higher for a total of 2 Credits from the courses listed in fine and performing arts allowable courses

HONORS DIPLOMA CRITERIA

Students need to fill all but one criterion for either of the Diplomas with Honors

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content ⁴	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science ²	4 units, biology, chemistry, and at least one additional advance science ²	4 units, including two units of advanced science ²	5 units, including two units of advanced science ²	3 units, including one unit of advanced science ²	3 units, including one unit of advanced science ²
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum ³	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/WorkKeys¹	N/A	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸ /WorkKeys (6 Reading for Information & 6 Applied Mathematics) ⁷	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

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

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

½ unit physical education**
½ unit health

½ unit in American history
½ unit in government

5 units electives

1 Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

2 Advanced science refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).

3 Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

4 The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

5 Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

6 The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

7 Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

8 These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the OD

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 equivalent) which count towards graduation. Physical Education courses are excluded.

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

- Division I and II schools require students to meet academic standards for NCAA-approved core courses, core course GPA and test scores. To be eligible to practice, compete and receive athletics scholarships in their first full-time year at a Division I and II school, students must graduate from high school and meet all of the requirements below. Division III schools set their own admissions and eligibility standards.

Divisions I and II Initial-Eligibility Requirements

DIVISION I

1. Complete 16 Core Courses in the following areas:
 - 4 years of English
 - 3 years of mathematics (Algebra I or higher)
 - 2 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
 - 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)
2. Complete 10 out of their 16 core courses, including seven English, math or natural/physical science, before the start of the seventh semester. Once a student begins their seventh semester, they must have more than 10 core courses completed to be able to repeat or replace any of the 10 courses used to meet the 10/7 requirement.
3. Complete the 16 NCAA-approved core courses in eight academic semesters or four consecutive academic years from the start of ninth grade. If students graduate from high school early, they still must meet core-course requirements.
4. Earn an SAT combined score of ACT sum score that matches their core-course GPA (minimum 2.300) on the Division I qualifier sliding scale.

ATHLETIC ELIGIBILITY (continued)

DIVISION II

1. Complete 16 Core Courses in the following areas:
 - 3 years of English
 - 2 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)
2. Earn an SAT combined score or ACT sum score that matches their core-course GPA (minimum 2.200) on the Division II qualifier sliding scale.

***Given the unique circumstances due to COVID-19, there will be flexibility in the initial-eligibility standard for students who initially enroll full time in a collegiate institution during 2021-22.

**See your Guidance Counselor for further information.

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 on 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 additional information.

Endorsed by the Admissions Offices 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 (Formerly PSEO)

Student/Parent Notification

College Credit Plus is Ohio's dual enrollment program that provides students in grades 7-12 the opportunity to earn college and high school credits at the same time by taking courses from Ohio colleges or universities. The purpose of this program is to enhance students' career readiness and postsecondary success, while providing a wide variety of options to college-ready students, at no or limited costs to students and families.

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). The 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:

- 1. The school shall provide information about the program prior to February 1st of each year to all district students enrolled in grades 6 through 12.
- 2. By April 1 each year, public school students must notify their school counselor of their intent to participate in College Credit Plus during the upcoming school year by completing and submitting the Intent to Participate form. After April 1, public school students will need permission from the school principal to participate.
- 3. 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.

COLLEGE CREDIT PLUS (Formerly PSEO)
(continued)

4. If a student successfully completes a course in which he/she 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.
5. 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).
6. 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.
7. 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.
8. 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.**

****Ohio's dual enrollment program is currently under review. Some changes may occur. Please check our website for the most recent information.**



Cleveland State University 15 and 30 Credit Pathways

Please note: These pathways are intended only as a guide, and are subject to change. Enrollment in classes may be dictated by high school graduation requirements, student test/placement scores, completion of prerequisite courses, and course availability.

Students will meet with their CCP advisor to ensure appropriate registration.

Business.....	page 16
Business: Computer and Information Science.....	page 17
Education.....	page 18
Engineering.....	page 19
Liberal Arts and Social Sciences.....	page 20
Nursing.....	page 21
Science/Pre-Professional.....	pages 22-23
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Updated: Spring 2015

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	Credits	Major	Gen Ed
ENG 101 English I	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	Credits	Major	Gen Ed
ENG 101 English I	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 of which 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 (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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	Credits	Major	Gen Ed
ENG 102 English II	3		W/C
MTH 168 PreCalculus II; MTH 181 Calculus 1; 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	Credits	Major	Gen Ed
ENG 102 English II	3		W/C
MTH 168 PreCalculus II; MTH 181 Calculus 1; 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

*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 of which 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 (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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	Credits	Major	Gen Ed
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	Credits	Major	Gen Ed
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, NS	3-6		SS, AH, NS
General Education requirement: Diversity	3		DIV

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Gen Ed Key:

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M/QL = Mathematics/Quantitative Literacy Requirement (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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 NS 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	Credits	Major	Gen Ed
ESC 102 Tech. Writing & Prof. Comm. or ENG 102	3		W/C
MTH 168 PreCalculus II; MTH 181 Calculus 1; MTH 182 Calculus II	3 or 4		M/QL
MCE 180 CAE Lab I, ESC 152 Prog. 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 Prog. with Matlab, or ESC 151 C Programming**	2 or 3	X	
CHM 161 Preparatory Chemistry or CHM 261/266 Gen. Chemistry and Lab	3 or 4		SS or AH
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 1; 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 ACT/SAT or placement exam.

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

M/QL = Mathematics/Quantitative Literacy Requirement (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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	Credits	Major	Gen Ed
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, SS NonUS	3-6		SS, AH, NS
Spring Semester	Credits	Major	Gen Ed
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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AH = Arts & Humanities Requirement (2 courses, one of which 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 (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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, SS NonUS, and NS 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	Credits	Major	Gen Ed
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 & 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 & Lab	3-4	X	NS
General Education requirement: AH NonUS, SS NonUS	3		SS or AH
Spring Semester	Credits	Major	Gen Ed
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 of which 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 (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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 next page) - determined by academic goal/major	3-5	X	NS
Spring Semester	Credits	Major	Gen Ed
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 next page) - determined by academic goal/major	3-5	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 next page) - determined by academic goal/major	3-5	X	NS
General Education requirement: AH, AH NonUS, SS, SS NonUS	3-6		
Spring Semester	Credits	Major	Gen Ed
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 next page) - determined by academic goal/major	3-5	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 Science 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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AH = Arts & Humanities Requirement (2 courses, one of which 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 (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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	Credits	Major	Gen Ed
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	Credits	Major	Gen Ed
ENG 102 English II	3		W/C
UST 206 Megacities of Asia	3	X	SS
UST 259 or Science Elective**	3-4	X	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 of which 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 (2 courses)

NS = Natural Sciences (2 courses, one of which must have a lab)

** of the SS and AH 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 US

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

Social Sciences

ANT 101	Human Biocultural 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 US

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 of 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 Option

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 course. 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 may be made twice a year; September 1 to November 1, and March 1 to May 1. Applications are available in the guidance office.

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 is desired to better enable a student to accomplish the necessary college educational requirements for their career goal. Students interested in early graduation should begin discussions with their counselor as early as possible, but not later than their sophomore year. Students who would like to consider early graduation must submit an application to their counselor by March 1 of the student's sophomore year. A student/parent/principal/guidance conference must then be scheduled prior to May 1 of the student's sophomore year. An educational plan will need to be completed prior to this conference. Assistance in preparing the educational plan should be obtained from the guidance department. In order to be eligible, students must have earned a minimum of 14 credits by the end of their sophomore year. To be eligible for early graduation students must also have received a competent score in the Algebra I end of course exam and English Language Arts II end of course exam. They must also take the American History, Government, Geometry and Biology end of course exams and earn two diploma seals, one of which must be state defined.

CUYAHOGA VALLEY CAREER CENTER

The Cuyahoga Valley Career Center (CVCC) is an extension of **Garfield Heights High School** and offers students a variety of career and technical education programs during their junior and senior years. These programs are designed to provide students with marketable technical skills and preparation for a career or further education making use of those skills. Upon graduation from high school, students are ready for immediate employment or for continued training in their chosen field in an apprenticeship, at a technical institute or at a two- or four-year college. Entry to CVCC programs is by application online at www.cvccworks.edu.

Earning College Credit

Career-Technical Credit Transfer (CT)2 Students are guaranteed the transfer or applicable credits among Ohio's public colleges and universities and equitable treatment in the application of credits to admissions and degree requirements. (CT)2 helps more high school and career-technical students to go to college and enter with college credit; technical credit saves students money and time; and Ohio business and industry will benefit from more employees with higher education and advanced skills. This site provides information for campus staff to facilitate program approval for their career-technical programs.

Students who successfully complete specified technical programs are eligible to have technical credit transfer to Ohio public colleges and universities. This transfer of credit is described in Career-Technical Assurance Guides (CTAG). CTAGs are advising tools that assist students moving from Ohio secondary and career technical institutions to Ohio public institutions of higher education.

Ohio College Tech Prep program is a seamless, non-duplicative, integrated pathway of education and experience that begins in 11th grade and continues through college and beyond. The curriculum reflects real-world technical careers in high demand today and prepares students to be college and career ready. The Tri-C Tech Prep program connects high school and college education to high-skill and high-demand technical employment. Students are enrolled in the Tech Prep program through their high school district.

Bilateral Articulation Agreements are created between a high school career technical program and a specific Ohio college or university. These agreements are established, written and agreed upon by both educational institutions to grant college credit opportunities to high school students. Cuyahoga Valley Career Center has Bilateral Articulation Agreements with the following colleges and universities for select programs:

- Hocking Technical College • Stark State • The University of Akron • Kent State University • The Culinary Institute of America • University of Northwestern Ohio.

Academics/Scheduling

CVCC Programs are two years in length and carry 4 units of elective credit per year, although some programs carry a mix of academic and elective credits (credits are listed with each program description). Students generally attend CVCC for half of each school day to take a technical course, and take regular academic courses at **Garfield Heights High School** for the other half of the day. Exceptions are noted in the course descriptions. **Garfield Heights High School** provides bus transportation to and from CVCC.

continued

CUYAHOGA VALLEY CAREER CENTER

Admissions Requirements

Students enrolling at CVCC must have completed two years of high school by the year in which they begin a program. Students on track for graduation at the end of the sophomore year, by having completed at least seven of the fifteen core academic credits required for graduation by the Ohio Department of Education, are assigned “priority” status for enrollment. The credits must include two in Language Arts, two in Mathematics and any combination of three credits in Science, Social Studies, Health or Physical Education. Students not meeting this standard are assigned “regular” status and are accepted after all priority status students have been placed. For each regular status student, the guidance office must submit a written plan for completing graduation requirements and have received approval by the CVCC administration by the first day of school. Several CVCC programs have unique admission requirements (pre-requisite courses, grade point average, interviews, etc.) See the individual program descriptions for details. In accordance with best practices, admission of students with disabilities should be the result of an IEP/transition team meeting to which the appropriate CVCC representative has been invited.

Campus Wear

All CVCC students are required to purchase or rent prescribed campus wear, which must be worn while class is in session. Students in *Cosmetology, Culinary Arts, Dental Assisting, Health Careers, Medical Administrative Specialist* and *Public Health & Safety* purchase uniforms from uniform supply stores. *Hotels & Resorts* students purchase pants on their own, but jackets and caps are purchased through CVCC. Students in *Auto Body, Auto Service Technology* and *Power Equipment Technology* rent uniforms through CVCC. The cost is included in the class fee. All other students purchase program shirts through CVCC. Except where noted, uniform costs are **not** included in the listed program fees. Please note: Program fees may be subject to change.

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. There are circumstances that merit consideration for a change in class scheduling.

These include:

1. scheduling errors;
2. failure to complete a prerequisite;
3. medical excuses that deny participation; modifying scheduling decisions;
4. modifying schedule 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.

**ANY EXCEPTIONS TO THE ABOVE PROCEDURES
MUST BE APPROVED BY THE PRINCIPAL.**

REQUIRED SUBJECTS / COURSE LOAD

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, i.e. college, vocational education, etc., along with required courses each year.

The required courses at each grade level are as follows:

<u>9th Grade</u>	
<u>Course</u>	<u>Credits</u>
English	1.00
Math	1.00
Science	1.00
Social Studies	1.00
Physical Education	.25
Health	.50
Financial Literacy	.50

Electives - from .25 to 2.25 credits

<u>10th Grade</u>	
<u>Course</u>	<u>Credits</u>
English	1.00
Math	1.00
Science	1.00
Social Studies	1.00
Health	.50
Physical Education	.25

Electives - up to 2.25 credits

11th Grade

<u>Course</u>	<u>Credits</u>
English	1.00
Math	1.00
Social Studies	1.00
Science	1.00

Electives - from 1.00 to 3.00 credits

12th Grade

<u>Course</u>	<u>Credits</u>
English	1.00
Social Studies	.50
Math	1.00*

Electives - from 2.00 to 4.00 credits

Four

Year

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

<u>Grade 10</u>		
1. Eng.	English II	1.00
2. Math	_____	1.00
3. Science	_____	1.00
4. Soc. Stud.	Amer. History	1.00
5. PE	PE II	0.25
6. Lunch	Lunch	0.00
7. Elective	_____	0.50
8. Elective	_____	_____

Academic Plan Worksheet

COURSE LISTINGS & CREDIT

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

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

Course

Prerequisite

Credit

Art

Advanced Studio	.50	Intro to Art & beg. level of class desired
Ceramics	.50	Intro to Art
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
Fibers	.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
Video Production and News	.50	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. 10-12

***Note regarding honors classes: If a student received two “C’s” in an Honors level course, they will be subject to removal from the Honors Track Program. For a full-year class, this will occur at the end of the year; and in a semester course, at the end of the semester.**

COURSE LISTINGS & CREDIT

<u>Course</u>	<u>Credit</u>	<u>Prerequisite</u>
<u>English</u>		

English I	1.00	
*Honors English II	1.00	Recommendation
English II	1.00	English I
*Honors English III	1.00	Eng. 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
		EnglishIII/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	
Senior Seminar	1.00	Senior Standing
 <u>Foreign Language</u>		
Spanish I	1.00	"C" in English
Spanish II	1.00	"C" in Spanish I
*Honors Spanish II	1.00	Recommendation
*Honors Spanish III	1.00	"C" in Spanish II; Gr. 10-12
*Honors Spanish IV	1.00	"C" in Spanish III; Gr. 11-12
American Sign Language (ASL) I	1.00	"C" in English
American Sign Language (ASL) II	1.00	ASL I
American Sign Language (ASL) III	1.00	ASL II

***Note regarding honors classes: If a student received two "C's" in an Honors level course, they will be subject to removal from the Honors Track Program. For a full-year class, this will occur at the end of the year; and in a semester course, at the end of the semester.**

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	.50	
Basic Athletic Training II	.50	
Community Service	.50	Permission; 1 sem. Gr. 10-12
 <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

***Note regarding honors classes: If a student received two “C’s” in an Honors level course, they will be subject to removal from the Honors Track Program. For a full-year class, this will occur at the end of the year; and in a semester course, at the end of the semester.**

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
<u>Music - Vocal</u>		
Freshman Choir	1.00	Gr. 9
Varsity Choir	1.00	Gr. 10-12; Freshman 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. 1, "C" in Phys. Sci.; 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. 11-12
*Honors Human Anatomy & Physiology	1.00	Bio, Health, Chem. I Gr. 11-12
*Honors Advanced Chemistry	1.00	Alg. I, Chem., Perm.; Gr. 11-12
Environmental Physics	1.00	2 credits of Sci.; Gr. 11-12
*Honors Physics	1.00	Alg. I, Geom., Chem.; Gr. 11-12
Plant Science	.50	Bio., Chem., Perm.; Gr. 11-12

***Note regarding honors classes: If a student received two "C's" in an Honors level course, they will be subject to removal from the Honors Track Program. For a full-year class, this will occur at the end of the year; and in a semester course, at the end of the semester.**

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

Vocational

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

***Note regarding honors classes: If a student received two “C’s” in an Honors level course, they will be subject to removal from the Honors Track Program. For a full-year class, this will occur at the end of the year; and in a semester course, at the end of the semester.**

GHHS ART

See Sample Program of Study pg. 91

#638 AP 2D ART

Prerequisite: College bound and teacher approval

Credit: 1.00

Grades: Teacher Recommendation

Year

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.

#639 AP 3D ART

Credit: 1.00

Year

Prerequisite: Sculpture/Ceramics

Grades: All

Fee Charged

The class is designed for students who want to broaden their knowledge in Ceramics and/or Sculpture. The coursework is a year-long studio course that will guide students to produce college-level quality, artistic investigation, and breadth of work in chosen area of Sculpture or Ceramics. Portfolios of work are created and are evaluated based on standardized scoring descriptors aligned with skills and understanding developed in college foundation courses. 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 and 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 techniques such as clay, wood, plaster and wire.

GHHS ART

See Sample Program of Study pg. 91

#680 CERAMICS

Credit: .50

Semester

Prerequisite: Intro to Art

Grades: All

Fee Charged

Students will explore and create functional clay pieces such as plate-ware, teapots, cups, candlesticks and vases.

#708 ADVANCED STUDIO

Prerequisite: Intro to Art

Beginning level of class desired

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

Credit: .50

Grades: 10-12

**Semester
Fee Charged**

CVCC CAREER FIELD

ARTS & COMMUNICATION

See Sample Program of Study pgs. 92-94

DIGITAL DESIGN

MEDIA ARTS

Credit: Year One - 4.0 elective per year
Year Two - 3.0 elective, 1.0 English 12
Fees: Year One - \$30
Year Two - \$30

Cross visual and technical boundaries and become a divergent thinker. See the exciting world full of details with electronic imaging and multimedia. In this nationally recognized program, you'll study traditional art concepts and master computer graphics software, create packaging design, portrait photography, social media, utilize digital photography to create beautiful compositions and more. Learn about branding and how to self-market. Prepare for a career in graphic design, advertising, social media, computer animation, multimedia production, publications or other exciting possibilities. This program offers professional certification as well as college credit opportunities.

GRAPHIC IMAGING TECHNOLOGY

Credit: Year One - 4.0 elective per year
Year Two - 3.0 elective, 1.0 English 12
Fees: Year One - \$75
Year Two - \$50

Let's go to press! In Graphic Imaging, you'll learn how to reproduce text, art and photo images through computer imaging, digital and conventional offset printing process. You'll be instructed in digital, offset and screen printing to print everything from books and magazines to posters and t-shirts. Learn the business of printing, graphics and imaging and prepare for one of the many exciting careers in this field. This program has achieved national PrintEd accreditation from the graphic Arts Education & Research Foundation.

Credit: Year One - 3.0 elective, 1.0 English 11
Year Two - 3.0 elective, 1.0 English 12
Fees: Year One - \$30
Year Two - \$30

Lights! Camera! Action! Develop your creative skills and gain a deeper understanding of the technology behind video and audio production. From concept to completion you will create audiovisual content for broadcast, Internet, and interactive multimedia applications. Independent study will offer you a chance to develop specific skills and interests. Prepare for a rewarding career in broadcasting, event videography, filmmaking, public relations, advertising, education or corporate communications.

GHHS BUSINESS

See Sample Program of Study pg. 95

These courses educate students about business, give all students opportunities to acquire skills and attitudes needed to function effectively in their future careers, help students understand career possibilities, and help students take on roles as citizens, workers and consumers. Business and computer skills prepare both the college-bound students and the student who plans to enter the job market upon graduation for the technological society of today.

#471 ACCOUNTING I**Prerequisite: Simple math ability****Credit: .50****Grades: 9-12****Year****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 $\frac{2}{3}$ of the coursework is completed online.

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

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

#498 BUSINESS LAW**Prerequisite: None*****Credit: .50****Grades: All*****Semester****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**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 marketplace. *General Business recommended.

#490 ENTREPRENEURSHIP**Prerequisite: None*****Credit: .50****Grades: 10-12****Semester****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.

CVCC CAREER FIELD**BUSINESS & ADMINISTRATIVE SERVICES**

See Sample Program of Study pgs. 96

**MEDICAL ADMINISTRATIVE
SPECIALIST**

Credit: Year One - 3.0 elective, 1.0 English 11
Year Two - 4.0 elective
Fees: Year One - \$105
Year Two - \$135

Be an indispensable part of the medical team! Doctors, dentists and other medical professionals depend heavily on administrative specialists to keep their offices running smoothly to best serve patients. In this program you'll learn to schedule patients, maintain their medical records and handle billing and insurance matters. In addition to standard office and computer skills, you'll learn the medical terminology and special medical office software. Work as a health unit coordinator or administrative assistant after graduation, or, with further education, become a coding specialist, health information technician or medical office manager.

GHHS COMMUNITY SERVICE

#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.

GHHS COMPUTER EDUCATION

#710: COMPUTER 101

Prerequisite: None

Credit: .50

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

Prerequisite: Computer 101*

Credit: .50

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 on application or feature to complete assignments. *May be taken concurrently with Computer 101.

#722 COMPUTER APPS. II	Credit: .50	Semester
Prerequisite: Comp. Apps. I	Grades: All	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 also utilized into classroom assignments.

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

This computer course presents an overview of Adobe Photoshop CS2. Students will design and edit images in this state-of-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.

#185 VIDEO PRODUCTION AND NEWS	Credit: .50	Semester
Prerequisite: Two computer courses	Grades: 10-12	Fee Charged

News Broadcasting is a project-based classroom where collaborative groups will be responsible for creating a school newscast and various video projects. This course will address the hands-on use of technology, primarily cameras and video editing software.

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

CVCC CAREER FIELD

INFORMATION TECHNOLOGY

See Sample Program of Study pgs. 97-98

**COMPUTER NETWORKING
ACADEMY**

Credit: **Year One - 3.0 elective,**

**PROGRAMMING &
SOFTWARE DEVELOPMENT**

Credit: **Year One - 3.0 elective,**

1.0 Algebra II or
Pre-Calculus (*Required*)
Year Two - 4.0 elective OR
3.0 elective,
1.0 Pre-Calculus (*Optional*)
(*Students not taking math
option remain in program
for 4.0 credits.*)

Fees: **Year One - \$30**
 Year Two - \$30

Specialists who set up and administer networked computers and related equipment are in great demand. Acquire the skills used by both PC Support Technicians and Network Administrators. You'll study hardware and operating systems for computer networks and train to upgrade, troubleshoot and administer the system. We'll prepare you for these high-paying jobs and give you a head state on a computer science program in college. (Students in this program must have access to the Internet to complete homework assignments.)

1.0 Algebra II or
Pre-Calculus (*Required*)
Year Two - 4.0 elective OR
3.0 elective,
1.0 Pre-Calculus (*Optional*)
(*Students not taking math
option remain in program
for 4.0 credits.*)

Fees: **Year One - \$15**
 Year Two - \$15

What makes technology work? Programs and software written by trained professionals who know how to problem solve. Designed for college-bound students, this program will teach you fundamental concepts that can be applied to all programming languages. using Java, C#, HTML5, CSS, JavaScript, and SQL, you'll learn to write software for websites, mobile devices, business applications and personal use. Start preparing for an in-demand career as a software developer, database administrator, or other information technology or computer science position.

GHHS DRAMA

#177 THEATRE APPRECIATION

Prerequisite: None

Credit: .50

Grade: 9

Semester

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.

#178 DRAMA I

Prerequisite: None

Credit: .50

Grades: 10-12

Semester

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 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 examiner of the craft's greatest teachers, particularly Constantin Stanislavski, Stella Adler and Sanford Meisner. This course will also build on student knowledge of Shakespeare and give each student the opportunity to perform their own Shakespearean monologue.		

GHHS ENGLISH

See Sample Program of Study pg. 99

GRADE LEVEL 9

#101 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 II	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 tests scores and teacher recommendation. In addition to the materials covered in English II, this course challenges the advanced students 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 in 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.***

GHHS ENGLISH

See Sample Program of Study pg. 99

GRADE LEVEL 11

#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 and completion of summer assignments is a must in order to remain in the course.

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

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 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/	Grade: 12	Fee Charged

Accelerated Eng. III/Recommendation

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.

GHHS ENGLISH

See Sample Program of Study pg. 99

#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 prepares students for the Advanced Placement Exam in English Literature and Composition offered in May. (*There is a \$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.

English program of study currently under review. Changes in course offerings may occur.

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.

GHHS ENGLISH

See Sample Program of Study pg. 99

ELECTIVE COURSES *(continued)*

#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.

#500 SENIOR SEMINAR

Prerequisite: Senior Standing

Credit: 1.00

Grade: 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.

CVCC CAREER FIELD

EDUCATION & TRAINING

See Sample Program of Study pg. 100

EDUCATION PROFESSIONS

Credit: Year One - 4.0 elective

Year Two - 4.0 elective

Fees: Year One - \$30

Year Two - \$52

Inspire and motivate! Make a difference!
Teach. Enjoy a career where you can make a

positive impact. This program introduces college minded students to the field of education and are the foundational courses which benefit all education majors regardless of speciality. Observation and field experiences provide the hands-on experience you need to decide if a career in education is for you. College credit is awarded with the successful completion of this training program.

CVCC CAREER FIELD

HOSPITALITY & TOURISM

See Sample Program of Study pgs. 101-102

CULINARY ARTS & FOOD SERVICES

HOTELS & RESORTS

Credit: Year One - 3.0 elective,
1.0 Biochemistry
Year Two - 4.0 elective
Fees: Year One - \$55
Year Two - \$30

Credit: 4.0, elective
Fees: Year One - \$66
(Includes program jackets and caps).
Year Two - \$15

The Culinary Arts program is a two-year

Students acquire practical work experience

certification course designed for students who have a passion to learn and develop skills necessary to work and advance in the hospitality and foodservice industry. This course will provide students the opportunity to learn basic and advanced culinary skills, in addition to management and customer service skills while working in a commercial kitchen environment and operating a student run restaurant and hosting community events. The Culinary Arts program is affiliated with ProStart®, a certification program administered through the National Restaurant Association Educational Foundation (NRAEF), which links students in the classroom to industry, to develop the best talent necessary for success and advancement in today's hospitality and foodservice industry. ProStart® also provides students the opportunity for industry certification, college credit and scholarships. Successful students will be self-motivated with a passion for food and people, and have skills to work well with others.

leading to entry-level positions in restaurants, catering and event centers, hotels, country clubs, hospitals, nursing homes, and other hospitality venues. Through direct classroom/lab instruction and community-based work experiences, students learn the fundamentals of food preparation, laundry and linen care, catering, and customer service. Math and English lessons are integrated into the class, and a strong emphasis is placed on employability skills. *Counselor recommendation is required for admission to this program.*

CVCC CAREER FIELD

HUMAN SERVICES

See Sample Program of Study pg. 103

COSMETOLOGY

Credit: Year One - 4.0 elective

(Cos. Lab & Theory) - *Both must be passed for promotion to Year Two.*

Year Two - 4.0 elective

(Cost. Lab & Theory)

Fees: Year One - \$616

Year Two - \$189

“Your appointment is confirmed for the full treatment in our salon... shampoo, cut, color, perm, style, manicure, pedicure and facial!” Customer service is key to becoming a great cosmetologist, but so are the techniques for providing proper personal care to hair, skin and nails. You’ll practice your skills on mannequins, classmates and outside customers in our professional salon. Upon completing the program, you’ll take the Ohio State Board of Cosmetology Licensing examination.

GHHS FOREIGN LANGUAGES

See Sample Program of Study pg. 104

A four-year sequence helps prepare 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.

**The current foreign language course of study is under review.
Changes in course offering may occur.**

#419 LATING AM. HISTORY & CULTURE

Prerequisite: None (Elective)

Credit: .50

Grades: 9-12

Semester

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

Prerequisite: “C” average in English

Credit: 1.00

Grades: All

Year

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
Prerequisite: Spanish I

Credit: 1.00
Grades: All

Year
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 has a "C" or above in Spanish I.

#420 HONORS SPANISH II
Prerequisite: Spanish I/Recommendation

Credit: 1.00
Grades: All

Year
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.

GHHS FOREIGN LANGUAGES

See Sample Program of Study pg. 104

#423 HONORS SPANISH III
Prerequisite: Spanish II*

Credit: 1.00
Grades: 10-12

Year
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
Prerequisite: Spanish III*

Credit: 1.00
Grades: 11-12

Year
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)
Prerequisite: "C" average in English

Credit: 1.00
Grades: 10-12

Year
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.

GHHS FOREIGN LANGUAGES

See Sample Program of Study pg. 104

#426 AMERICAN SIGN LANGUAGE II (ASL) Prerequisite: ASL I	Credit: 1.00 Grades: 10-12	Year Fee Charged
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Students will continue to expand vocabulary and concepts acquired in ASL I 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. Thorough in-class discussions and demonstrations. Students are exposed to elements of Deaf culture and the Deaf Community. It is recommended that a student earn a “C” or above in ASL I.

#427 AMERICAN SIGN LANGUAGE III (ASL) Prerequisite: ASL II	Credit: 1.00 Grades: 11-12	Year Fee Charged
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ASL III 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. It is recommended that a student earn a “C” or above in ASL II.

GHHS HEALTH & PHYSICAL FITNESS

See Sample Program of Study pg. 105

#010 P.E.-LIFE FITNESS**

Credit: .25

Semester

Prerequisite: None

Grade: 9

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**

Credit: .25

Semester

Prerequisite: P.E. I

Grade: 10

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

Credit: .50

Semester

Prerequisite: None

Grades: 9-12

No Fee

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

#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.

GHHS HEALTH & PHYSICAL FITNESS

See Sample Program of Study pg. 105

#034 ADVANCED PHYSICAL EDUCATION

Prerequisite: None

Credit: .50

Grades: 10-12

Semester

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 the 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 P.E. course with a "B" or higher, or have an approved recommendation.

#036 DANCE AND FITNESS

Prerequisite: First year of P.E.

Credit: .25

Grades: All

Semester

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 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

Prerequisite: None

Credit: .50

Grades: 9-12

Semester

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.

#401 BASIC ATHLETIC TRAINING II
Prerequisite: Basic Athletic Training I

Credit: .50
Grades: 9-12

Semester
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.

CVCC CAREER FIELD

LAW & PUBLIC SAFETY

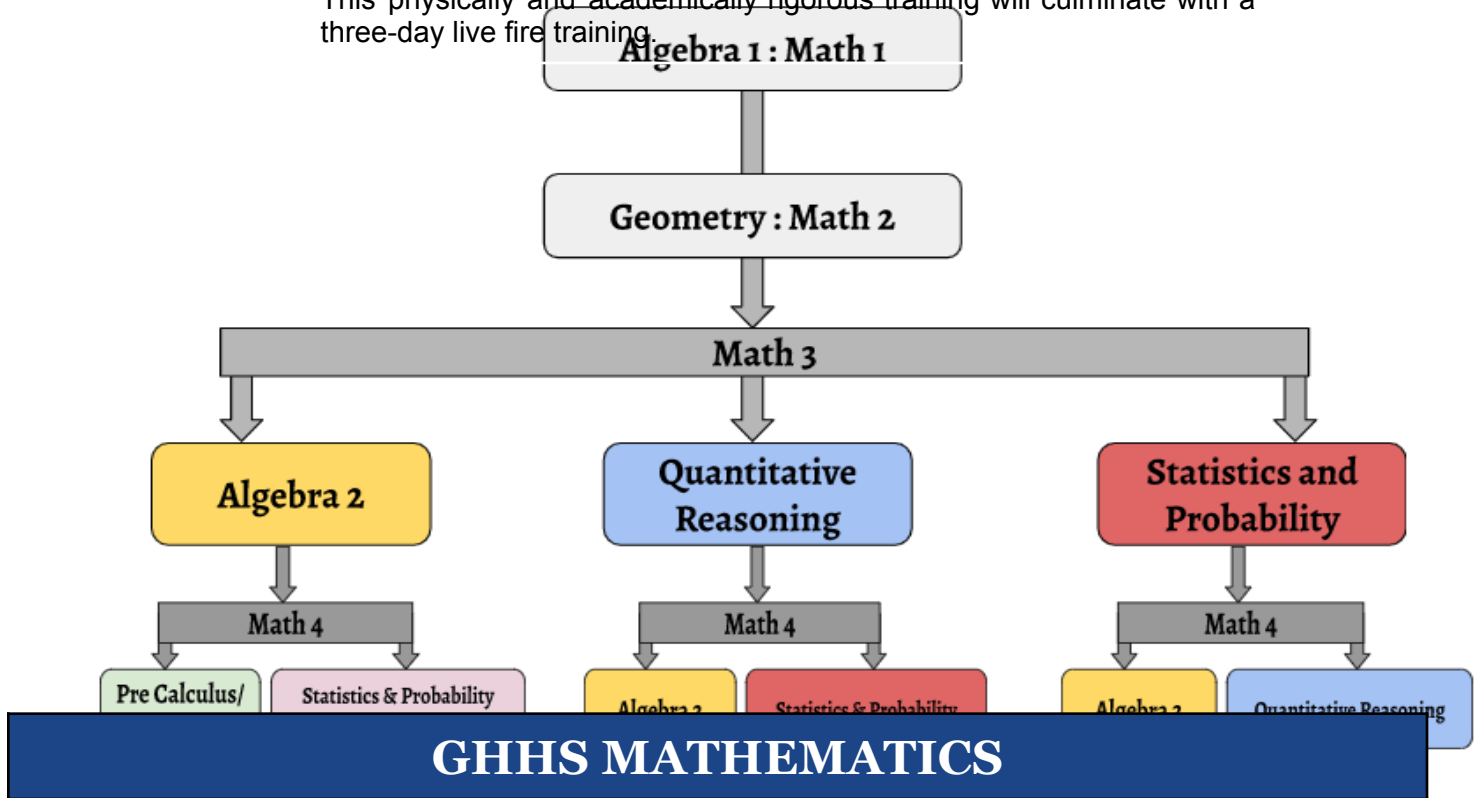
See Sample Program of Study pg. 106

FIRE & EMS ACADEMY

Credit: Year One - 3.0 elective,
Homeland security Foundations of
Firefighting & EMS
1.0 Anatomy & Physiology (*Required*)
Year Two - 4.0 elective, State of Ohio Fire Academy
EMT-B Training
Level 1 & 2 Ohio Fire Training
Fees: Year One - \$170
Year Two - \$180

Do you have the skills necessary to manage an emergency? You'll get them in Public Health and Safety. First, you'll concentrate on Public Safety Core which includes concepts related to a wide range of public

safety professions, including search and rescue, fire fighting, environmental protection and emergency medicine. Then, you'll concentrate on the Emergency Medical Technician (EMT) program and prepare to pass the National Emergency Medical Technician (EMT) exam. You will then begin the training for Firefighter 1 & 2 certification. This physically and academically rigorous training will culminate with a three-day live fire training.



GHHS MATHEMATICS

See Sample Program of Study pg. 107

MATH COURSE SEQUENCE POSSIBILITIES

HONORS MATH COURSE SEQUENCE POSSIBILITIES

GHHS MATHEMATICS

See Sample Program of Study pg. 107

Graduation requirement -- 4 credits of Math

#303 ALGEBRA I-T

Prerequisite: None

This course deals with solving equations, studying graphs, and it supplies the language and patterns of reasoning used in other branches of mathematics. Concepts of Algebra I including linear expressions, equations, polynomials and graphs are covered. Use of technology allows students to be actively thinking about information, making choices and executing skills. A scientific calculator is required.

Credit: 1.00

Grade: 9

Year

Fee Charged

#304 GEOMETRY-T

Prerequisite: Algebra I-T

This course is for students who have successfully completed Algebra I-T. This course covers Geometry concepts and helps students build critical skills in spatial, inductive and deductive reasoning. Use of technology allows students to be actively thinking about information, making choices and executing skills. A scientific calculator is required.

Credit: 1.00

Grade: 10

Year

No Fee

#306 ALGEBRA II-T

Prerequisite: Geometry-T

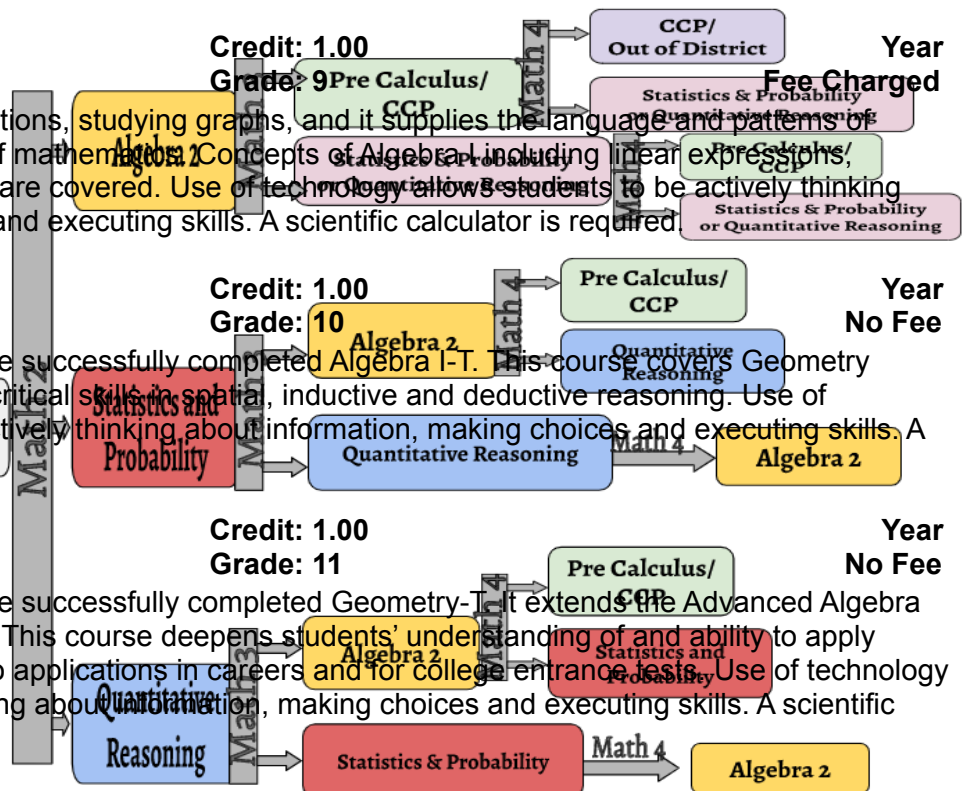
This course is for students who have successfully completed Geometry-T. It extends the Advanced Algebra concepts from the previous course. This course deepens students' understanding of and ability to apply advanced mathematical concepts to applications in careers and for college entrance tests. Use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

Credit: 1.00

Grade: 11

Year

No Fee



#308 SENIOR MATH TOPICS**Prerequisite: Algebra II-T****Credit: 1.00****Grade: 12****Year****No Fee**

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 the 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.

GHHS MATHEMATICS

See Sample Program of Study pg. 107

Graduation requirement -- 4 credits of Math**#310 ALGEBRA I****Prerequisite: Approval****Credit: 1.00****Grade: 9****Year****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 of Algebra I 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**Prerequisite: Approval****Credit: 1.00****Grade: 10****Year*****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. *A scientific calculator is required; a graphing calculator (preferably a TI-84 Plus) is recommended.

#324 HONORS GEOMETRY**Prerequisite: H. Alg. I and/or Approval****Credit: 1.00****Grades: 9-10****Year*****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**Prerequisite: Approval****Credit: 1.00****Grades: 11-12****Year****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 TI-84 Plus) is a requirement for this course.**

#314 HONORS ALGEBRA II	Credit: 1.00	Year
Prerequisite: H. Geom. and/or Approval	Grades: 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 TI-84 Plus) is a requirement for this course.**

GHHS MATHEMATICS

See Sample Program of Study pg. 107

Graduation requirement -- 4 credits of Math

#328 PRE-CALCULUS	Credit: 1.00	Year
Prerequisite: Algebra II and 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 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 students who plan to study mathematics or mathematics related fields in college and plan on taking AP calculus as a senior. Functions, Trigonometry and Analytic Geometry will be emphasized. ***A graphing calculator (preferably TI-83 Plus) is a requirement for this course.**

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

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

#318 PROBABILITY & STATISTICS	Credit: 1.00	Year
Prerequisite: Algebra I and Geometry	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.

#308 QUANTITATIVE REASONING

Credit: 1.00

Year

Prerequisite: Algebra I and Geometry

Grades: 11-12

***No Fee**

The Mathematical Modeling and Reasoning course is an advanced quantitative reasoning course.

Quantitative Reasoning (QR) is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. Critical thinking is its primary objective and outcome. It emphasizes interpretation, representation, calculation, analysis/synthesis, assumptions and communication.

GHHS MATHEMATICS

See Sample Program of Study pg. 107

Graduation requirement -- 4 credits of Math

#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 nonlinear 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.

GHHS MUSIC

See Sample Program of Study pg. 108

#600 BAND	Credit: 1.00	Year
Prerequisite: Approval**	Grades: All	*Fee Charged
<p>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 of an instrument. Mandatory rehearsals for Marching Band begin mid-July, a few weeks before school opens. Fee for miscellaneous equipment and clearing 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.)</p> <p>*Board mandated \$25.00 transportation fee charged in addition to course fees.</p>		

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 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 signing 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.

#620 FRESHMAN CHOIR	Credit: 1.00	Year
Prerequisite: None	Grade: 9	Fee Charged
<p>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 spring concert in May. The skills acquired in this course will prepare students to move on the Varsity Choir as sophomores.</p>		

GHHS MUSIC

See Sample Program of Study pg. 108

#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 their 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 ½ 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.

*Board member mandated \$25.00 activity fee charged in addition to course fees.

#640 MUSIC APPRECIATION

Credit: .50

Semester

Prerequisite: None

Grades: All

No Fee

Music Appreciation is a non-performance music course that is geared towards students that are not already members of the school's choirs or bands. The course is designed to encourage students to view music in a social context and as an ingredient of the student's own life and an important component of human life in all cultures. It uses history as a resource for understanding how music has fulfilled basic human purposes in other ages and utilizes many kinds of music for study throughout the course. The overall goal of the course is no to attempt to make students like all the music they will study, but to help students understand and respect it by recognizing musical characteristics, acquiring knowledge about music, and developing musical skills. Although performance is not an assessment goal of the course, skills in analysis, listening, performing, creating and critiquing are all employed in the study of a wide variety of music and culture.

#641 THE MUSIC OF THE MOVIES

Credit: .50

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 a film. This course will examine the evolution of American film music and the composers who created it.

GHHS SCIENCE

See Sample Program of Study pg. 109

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 mathematical 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.

GHHS SCIENCE

See Sample Program of Study pg. 109

Graduation requirement -- 3 credits of Science

#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	Credit: 1.00	Year
Prerequisite: Alg.I, Bio., Perm.	Grades: 11-12	Fee Charged

Chemistry is the study of the properties, composition, and structure of matter and the changes 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	Credit: 1.00	Year
Prerequisite: None	Grades: 11-12	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.

#372 HONORS CHEMISTRY	Credit: 1.00	Year
Prerequisite: Hon. Bio.**	Grade: 11	Fee Charged

**A minimum grade of a "B" must have been earned in Honors Biology in order to take this course. A rigorous, in-depth study of the structure and properties of matter for the advanced student. Topics covered in

the course are similar to those in Chemistry, with additional work in the areas of chemical bonding and applied mathematics. A research paper and/or group presentation should be expected. Laboratory work is also a significant portion of the course. A STRONG mathematical background is essential for the course. (Algebra II is highly recommended and should be taken concurrently.)

GHHS SCIENCE

See Sample Program of Study pg. 109

Graduation requirement -- 3 credits of Science

#358 ASTRONOMY	Credit: .50	Semester
Prerequisite: Alg. I & Chem.*	Grade: 12	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	Credit: .50	Semester
Prerequisite: Chemistry*	Grades: 11-12	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	Credit: 1.00	Year
Prerequisite: Bio., Chem., Perm.**	Grade: 12	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 advanced scientific training. The course includes advanced 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
	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 Chemistry of 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 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.

GHHS SCIENCE

See Sample Program of Study pg. 109

Graduation requirement -- 3 credits of Science

#376 HONORS ADV. CHEMISTRY	Credit: 1.00	Year
Prerequisite: Alg.I, Chem. & Perm.	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.**	Grade: 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., Perm.*	Grades: 11-12	Fee Charged

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.

GHHS SCIENCE

See Sample Program of Study pg. 109

Graduation requirement -- 3 credits of Science

#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, AND EVOLUTION LAB

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.

CVCC CAREER FIELD

HEALTH SCIENCE

See Sample Program of Study pg. 110-111

DENTAL ASSISTING

Credit: Year One - 3.0 elective,
1.0 Anatomy & Physiology
Year Two - 4.0 elective
Fees: Year One - \$374
Year Two - \$180

Smile, and the world will smile back as you help patients maintain healthy teeth and gums. You'll be the dentist's second pair of hands as you provide chairside assistance during dental procedures. You'll learn to professionally polish teeth, take dental x-rays, prepare dental materials and instruments, make crowns and bridges and manage the dental office. Graduate to a good job in a dental practice to enter college to become a dental hygienist, lab technician or even a dentist.

HEALTH CAREERS

Credit: Year One - 3.0 elective, 1.0 Anatomy & Physiology (*Both Health Careers and Anatomy & Physiology must be passed for promotion to Year Two.*)
Year Two - 4.0 elective OR
3.0 elective,
1.0 Pathophysiology
Fees: Year One - \$137
Year Two - \$115

Wanted: Caring, compassionate people for careers in the health field. You'll learn basic health care skills. In your second year, you'll have the opportunity to earn your State-Tested Nurse Assisting and/or Phlebotomy certifications.

CVCC CAREER FIELD

HEALTH SCIENCE

See Sample Program of Study pg. 112

SPORTS MEDICINE EXERCISE SCIENCE

Credit:	Year One -	3.0 elective, 1.0 Anatomy & Physiology (<i>Anatomy & Physiology must be passed for promotion to Year Two.</i>)
	Year Two -	4.0 elective <u>OR</u> 3.0 elective, 1.0 Pathophysiology
Fees:	Year One -	\$30
	Year Two -	\$TBD

If you are interested in sports, exercise, conditioning, nutrition and fitness, this is for you! Our pathways can lead you to careers in physical therapy, athletic training, occupational therapy, and more. Our program is designed to provide an atmosphere in which you will develop the skills and knowledge necessary to excel in postsecondary exercise science educational programs. This scientifically based program provides instruction into techniques approved by the American College of Sports Medicine (ACSM) and the National Strength and Conditioning Association (NSCA). It includes a hands-on learning approach in a state-of-the-art facility with diagnostic and therapeutic equipment. You will

have the opportunity to learn in exercise and sports environments alongside certified athletic trainers, physical therapists, and various other exercise and sports professionals utilizing advanced therapeutic techniques to prevent and heal injuries.

GHHS SOCIAL STUDIES

See Sample Program of Study pg. 113

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

9th grade	--	American History
10th grade	--	World History
11th grade	--	Government
12th grade	--	Social Studies elective

#210 AMERICAN HISTORY

Credit: 1.00

Year

Prerequisite: None

Grade: 9

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 AMERICAN HISTORY

Credit: 1.00

Year

Prerequisite: Application*

Grade: 9

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.

#230 WORLD HISTORY

Credit: 1.00

Year

Prerequisite: None

Grade: 10

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.**

GHHS SOCIAL STUDIES

See Sample Program of Study pg. 113

Graduation requirement -- 3 credits of Social Studies

#233 HONORS WORLD HISTORY

Credit: 1.00

Year

Prerequisite: Application

Grade: 10

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. *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

Grades: 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

Grades: 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 60s, 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.

GHHS SOCIAL STUDIES

See Sample Program of Study pg. 113

Graduation requirement -- 3 credits of Social Studies

#224 HONORS TOPICS IN U.S. HISTORY

PART A

Credit: .50

Semester

Prerequisite: Application*

Grades: 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 in 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*

Grades: 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 60s, 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 in 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.

GHHS SOCIAL STUDIES

See Sample Program of Study pg. 113

Graduation requirement -- 3 credits of Social Studies

ELECTIVE COURSES

#206 SPORTS HISTORY IN AMERICA

Prerequisite: None

Credit: .50

Grades: 9-12

**Semester
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

Prerequisite: Application*

Credit: 1.00

Grades: 11-12

**Year
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 exams, and be able to write a well-constructed essay. **The charge for the AP test is approximately \$94.00.

#241 SOCIOLOGY

Prerequisite: None

Credit: .50

Grades: 11-12

**Semester
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.***

#514 FINANCIAL LITERACY**Prerequisite: None****Credit: .50****Grade 9****Semester**

This class will cover the information necessary to manage your finances as an adult. Information on credit, income taxes, consumer buying, insurance, and financial planning will be discussed. **Graduation requirement.**

GHHS SOCIAL STUDIES

See Sample Program of Study pg. 113

Graduation requirement -- 3 credits of Social Studies

ELECTIVE COURSES (continued)

#244 AP GOVERNMENT**Prerequisite: Application*****Credit: 1.00****Grades: 11-12****Year****Fee Charged****

AP 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 charge for the AP test is approximately \$90.00.

#278 SOCIAL PSYCHOLOGY**Prerequisite: None****Credit: .50****Grades: 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 that is 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: Word Hist., Amer. Hist.****Credit: .50****Grades: 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.***

CVCC CAREER FIELD

PROGRAMS DESIGNED FOR STUDENTS WITH DISABILITIES

JOB TRAINING

Credit: 4.0 elective year

Fees: None

Job Training is a community-based, career- technical education program designed to help individuals with disabilities obtain, maintain and advance in competitive employment. If a student demonstrates individual job readiness, the Job Training team emphasizes the idea of matching student abilities with existing employer needs. The program instructor networks within the community to find successful leads within the community, supports the initial training period, provides regular follow-along and retention services, and works with students to promote maximum growth in their natural environment setting. In addition to working with employers and students, the Job Training Coordinator provides regular communication to any adult services that may be in place to promote a smooth transition to adult services. Job Training is recommended to be a one-year program.

TRANSITION TO WORK

Credit: 4.0 elective year

Fees: \$30 each year

Transition to Work is a program designed to assist students in the development of appropriate work behaviors, employability skills and social skills for the workplace. This is done through work experience in-house and at non-paid, community-based training sites. Either section of this program can be repeated to meet individual needs as determined by recommendations of the IEP team, which will include appropriate consideration of program referral guidelines. Annual re-application is required.

SALES AND SERVICE FUNDAMENTALS

Credit: 4.0 elective year

Fees: \$30 each year

Sales & Service Fundamentals is a transition-focused program designed to provide students with disabilities the knowledge, skills and aptitude necessary to succeed in a service occupation. Students will

develop employability skills and the competencies necessary to transition to a work environment. Sales & Service Fundamentals offers a balance of classroom academics and practical application in various supervised community-based vocational settings. Annual re-application is required.

GHHS CAREER EDUCATION

#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 during 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. Students 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 their 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 **Career Based Intervention Program, students 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 return to the regular school program. Students must provide their own transportation.

CVCC CAREER FIELD

CONSTRUCTION TECHNOLOGIES

See Sample Program of Study pgs. 114-115

BUILDING & PROPERTY MAINTENANCE

Credit: 4.0 elective
Fees: \$50 per year

Students needing entry-level skills are taught the basic elements of building, grounds and equipment maintenance, as well as basic custodial services.

The emphasis is on the acquisition of employability skills and basic competencies needed for entry-level jobs in these fields. This is a one-year program with an option to repeat for a second year. Re-application is required.

CONSTRUCTION TRADES

Credit: Year One - 4.0 elective OR
3.0 elective, 1.0 Alg. II
Year Two - 4.0 elective OR
3.0 elective, 1.0 Alg. II
Fees: Year One - \$140
Year Two - \$140

You and your classmates will actually construct small modular homes as you learn about building, remodeling, maintaining and repairing public or private buildings or homes. You'll acquire basic skills in carpentry, drywall installation, roofing, masonry, wiring, plumbing, and related skills such as safety, mathematics, blueprint reading, and estimating. At graduation, jump directly into an entry-level job or continue your education as an apprentice. Construction Trades is now in partnership with Ohio's Pre-Apprenticeship program. This program is open to seniors, but preparation starts during the junior year. The School-to-Apprenticeship program helps students enter an occupation requiring a high level of skill. Business and education are linked with a formal apprenticeship program approved by the U.S. Department of Labor, Bureau of Apprenticeship, which sets demanding occupational and academic standards. Students in the School-to-Apprenticeship program can complete up to one year of apprenticeship credit during their senior year. Students learn competencies necessary for entry-level employment in their career area.

CVCC CAREER FIELD

CONSTRUCTION TECHNOLOGIES

See Sample Program of Study pgs. 116-117

ELECTRICAL SYSTEMS

Credit: Year One - 4.0 elective
Year Two - 3.0 elective
1.0 Construction Math

Fees: Year One - \$138
Year Two - \$50

With a growing shortage of qualified electrical workers, it has never been a better time to join the electrical industry. There are plenty of opportunities available in this high demand field. Each student is provided with trade-related classroom training that produces competency and pride that leads to true craftsmanship. Learn how to use many of the latest tools and technologies with hands-on training in our fully equipped lab. The Electrical program's diversified coursework gives students a strong foundation in electrical systems installation and repair, in addition to receiving skill training working and earning a paycheck on the job. Electrical Systems is now in partnership with Ohio's Pre-Apprenticeship program. This program is open to seniors, but preparation starts during the junior year. The School-to-Apprenticeship program helps students enter an occupation requiring a high level of skill. Students in the School-to-Apprenticeship program can complete up to one year of apprenticeship credit during their senior year. Students learn competencies necessary for entry-level employment in their career area.

HEATING & AIR CONDITIONING

Credit: Year One - 4.0 elective
Year Two - 3.0 elective
1.0 Construction Math

Fees: Year One - \$130
Year Two - \$50

Great jobs, great work, great future! With the national focus on energy usage and alternative energy sources, jobs in HVAC are expected to have higher than average growth. In our state-of-the-art facilities, you will build skills in heating, refrigeration, air conditioning, refrigerant handling, airflow, building science and combustion analysis. With several pathways to directly into industry, apprenticeships, or on to college, the HVAC career path is one of the most diverse programs offered. This program is accredited by the Partnership for Air Conditioning Heating and Refrigeration Accreditation (PAHRA).

CVCC CAREER FIELD

ENGINEERING & SCIENCE TECHNOLOGIES

See Sample Program of Study pgs. 118-119

**ENGINEERING
TECHNOLOGIES**

Credit: **Year One** - 4.0 elective **OR**
 3.0 elective
 1.0 Algebra II or
 Pre-Calculus

Year Two - 3.0 elective,
 1.0 Adv. Physics (required)
 OR
 2.0 elective
 1.0 Adv. Physics
 1.0 Algebra II or
 Pre-Calculus

Fees: **Year One** - **\$138**
 Year Two - **\$50**

With a growing shortage of qualified electrical workers, it has never been a better time to join the electrical industry. There are plenty of opportunities available in this high demand field. Each student is provided with trade-related classroom training that produces competency and pride that leads to true craftsmanship. Learn how to use many of the latest tools and technologies with hands-on training in our fully equipped lab. The Electrical program's diversified coursework gives students a strong foundation in electrical systems installation and repair, in addition to receiving skill training working and earning a paycheck on the job. Electrical Systems is now in partnership with Ohio's Pre- Apprenticeship program. This program is open to seniors, but preparation starts during the junior year. The School-to-Apprenticeship program helps students enter an occupation requiring a high level of skill. Students in the School-to-Apprenticeship program can complete up to one year of apprenticeship credit during their senior year. Students

**ARCHITECTURAL &
MECHANICAL DESIGN**

Credit: **Year One** - 4.0 elective
 Year Two - 3.0 elective
 1.0 Construction Math

Fees: **Year One** - **\$130**
 Year Two - **\$50**

Great jobs, great work, great future! With the national focus on energy usage and alternative energy sources, jobs in HVAC are expected to have higher than average growth. In our state-of-the-art facilities, you will build skills in heating, refrigeration, air conditioning, refrigerant handling, airflow, building science and combustion analysis. With several pathways to directly into industry, apprenticeships, or on to college, the HVAC career path is one of the most diverse programs offered. This program is accredited by the Partnership for Air Conditioning Heating and Refrigeration Accreditation (PAHRA).

learn competencies necessary for entry-level employment in their career area.

CVCC CAREER FIELD

MANUFACTURING TECHNOLOGIES

See Sample Program of Study pg. 120

MACHINE TECHNOLOGY

Credit: 4.0 elective year

Fees: Year One - \$50

Year Two - \$50

Do you have the skills necessary to manage an emergency? You'll get them in Public Health and Safety. First, you'll concentrate on Public Safety Core which includes concepts related to a wide range of public safety professions, including search and rescue, fire fighting, environmental protection and emergency medicine. Then, you'll concentrate on the Emergency Medical Technician (EMT) program and prepare to pass the National Emergency Medical Technician (EMT) exam. You will then begin the training for Firefighter 1 & 2 certification. This physically and academically rigorous training will culminate with a three-day live fire training.

CVCC CAREER FIELD

TRANSPORTATION SYSTEMS

See Sample Program of Study pg. 121-123

AUTO BODY REPAIR & REFINISHING

Credit: 4.0 elective per year
Fees: Year One - \$135
Year Two - \$135

If you like mechanics but have an artistic flair, you'll enjoy restoring damaged cars to their former glory. In Auto Body, our ASE-certified instructor will teach you welding, fiberglass and metal repair, frame straightening, custom painting and refinishing, parts replacements and quality customer service. Our students have restored antique autos and often work on their own cars. Prepare for a career in body repair, painting or even insurance estimating.

POWER EQUIPMENT TECHNOLOGY

Credit: 4.0 elective per year
Fees: Year One - \$183
Year Two - \$158

Versatility is your strength when you complete this program in engine mechanics. Under the guidance of an ASE- and EETC-certified instructor, you'll become adept at repairing all types of engines - small, light, heavy-duty, two- and four-cycle, gas and diesel - and their related systems, such as air and hydraulic brakes, electrical systems, power take-off accessories and transmissions. This program is accredited by the Equipment & Engine Training Council (EETC).

AUTO SERVICE TECHNOLOGY

Credit: Year One - 3.0 elective, 1.0 English 11
Year Two - 4.0 elective
Fees: Year One - \$115
Year Two - \$140

Twenty-first century automobiles carry more computers than the Apollo missions to the moon. In this ASE/NATEF-certified program you'll learn to diagnose, adjust, repair and replace the mechanical and electrical parts of the sophisticated machinery that is today's late-model car. Using state-of-the-art equipment such as scan tools, you'll learn to overhaul engines, service transmissions, fix electrical systems, repair brakes and suspensions, and more.

SAMPLE PROGRAMS OF STUDY

Sample Programs of Study are listed for each department subject area and for each CVCC program. These samples are designed to provide a “road map” for the student. They show how a student can meet Ohio high school graduation requirements and still take elective courses in a career area of interest. Each program of study shows grades 9-12 course requirements and electives, related organization/activities suggestions, and post-secondary options ranging from entry-level career options to two or four- year degree options.

(Refer to the Table of Contents to find a specific department or CVCC program.)

GHHS SAMPLE PROGRAM OF STUDY

VISUAL ART 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	Govt/Soc, Psyc, or Geogr.	Sculpture	Ceramics/Painting	Foreign Language I
12	English IV	Coll. Exam Math/Prob. & Stats	Environmental Physics	Soc, Psych, 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 Photographer Art Teacher

CVCC SAMPLE PROGRAM OF STUDY

ARTS & COMMUNICATION - DIGITAL DESIGN

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/Multimedia & Web Tools
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Digital Design I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Digital Design II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN VISUAL COMMUNICATION & DESIGN WITH INTERACTIVE MEDIA CONCENTRATION

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Survey of Mathematics (or higher)	Macintosh Basics	Introduction to Visual Communications	Vector Graphics	Photography for Designers	Digital Imaging I
2nd Sem.	Introduction to Mass Communication	Communications Elective	Typography & Layout	Media Design	Web Publishing I: HTML	Animation for the Web & Media	
3rd Sem.	IT Elective	General Psychology	Portable Document Format	Current WYSIWYG Web Editors	Web Publishing II: Web Design	Digital Video I	Arts & Humanities/ Social & Behavioral Science Elective
4th Sem.	Professional Practice in Visual Communication & Design	Portfolio Preparation	Interactive Media	IT Elective	Arts & Humanities/ Social & Behavioral Science Elective		

CVCC SAMPLE PROGRAM OF STUDY

ARTS & COMMUNICATION - GRAPHIC IMAGING TECHNOLOGY

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES								
Grade	English	Math	Science	Social Studies	Course	Course	Course	Course
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I	Introduction to Art/Drawing	
10	English II	Geometry	Biology	World History	PE	Computer Apps II/ Photoshop	Painting	
11	English III	Algebra II	Chemistry	Govt/Soc, Psys, or Geogr.				Graphic Imaging I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.				Graphic Imaging II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN VISUAL COMMUNICATION & DESIGN WITH DIGITAL PUBLISHING CONCENTRATION								
College	Course	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Introduction to Microcomputer Applications	Introduction to Business	Macintosh Basics	Introduction to Visual Communications	Introduction to Digital Publishing	Troubleshooting & Maintaining Computer Publishing Systems	Photography for Designers
2nd Sem.	College Composition II	Survey of Math (or higher)	Digital Page Layout	Vector Graphics	Digital Imaging I	Principles of Microeconomics		
3rd Sem.	Principles of Marketing	Portable Document Format	Digital Workflow	Web Publishing I: HTML	Digital Imaging II	Field Experience II	Arts & Humanities/ Social & Behavioral Science Elective	Arts & Humanities/ Social & Behavioral Science Elective
4th Sem.	Professional Practice in Visual Communication & Design	Portfolio Preparation	Color Scanning & Reproduction	Digital Production & Layout	Estimating and Production Development	Commercial Printing		

CVCC SAMPLE PROGRAM OF STUDY

ARTS & COMMUNICATION - MEDIA ARTS

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	Creative Writing
10	English II	Geometry	Biology	World History	PE	Computer Apps II/ Photoshop	
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Media Arts I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Media Arts II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN MEDIA ARTS & STUDIES

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Story: Pre-production Methods	Macintosh Basics	Fundamentals of Design & Layout	Introduction to Digital Filmmaking	Introduction to Digital Photography	
2nd Sem.	College Composition II	Introduction to Mass Communication	Media Arts & Studies Colloquium	Sound Recording & Design	Digital Imaging I	Vector Graphics	Digital Cinematography
3rd Sem.	Survey of Mathematics (or higher)	Applied Integrated Media I	Motion Graphics for Digital Video	Advanced Editing	Advanced Motion Graphics		
4th Sem.	Professional Prep & Portfolio Review	Field Experience	Applied Integrated Media II	DVD Authoring & Design	Visual Effects for Compositing for Digital Video	Arts & Humanities/ Social & Behavioral Science Elective	Media Arts Elective

GHHS SAMPLE PROGRAM OF STUDY

BUSINESS/COMPUTERS

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, Psych, or Geogr.	Accounting I	Multimedia & Web Tools/Photoshop	Foreign Language I
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, 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 Prepper Paralegal Court Reporter Fashion Merchandising		Accountant IT Analyst Hotel/Restaurant Management Insurance Administration Real Estate Management Hospital Management

CVCC SAMPLE PROGRAM OF STUDY

BUSINESS & ADMINISTRATIVE SERVICES MEDICAL ADMINISTRATIVE SPECIALIST

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
10	English II	Geometry	Biology	World History	PE	Introduction to Art	Business Law
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Medical Administrative Specialist I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Medical Administrative Specialist II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN BUSINESS MANAGEMENT

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I		Intro to Microcomputer Applications		Business Language Skills	Internet Fundamentals	Introduction to Business
2nd Sem.		College Algebra	Medical Terminology I	Business Communications	Filing with Microcomputer Applications	Word Processing I	Document Formatting and Production
3rd Sem.	Arts & Humanities/ Social & Behavioral Science Elective		Medical Terminology II		Electronic Spreadsheet Use and Design	Word Processing II	Office Management
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Accounting Elective	Basic Medical Transcription		Database Use and Design	Desktop Publishing	Office Procedures and Practices

CVCC SAMPLE PROGRAM OF STUDY

INFORMATION TECHNOLOGY - COMPUTER NETWORKING ACADEMY

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	
10	English II	Geometry	Biology	World History	PE	Introduction to Art/ Computer Apps II	Java Programming I&II
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Computer Networking Academy I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Computer Networking Academy II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN INFORMATION TECHNOLOGY WITH NETWORK SOFTWARE CONCENTRATION

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Arts & Humanities/ Social & Behavioral Science Elective		Intro to Microcomputer Applications	Intro to PC Maintenance	Information Technology Concepts	Microcomputer Operating Systems
2nd Sem.		College Algebra	TCP/IP	Network Fundamentals	Internet Fundamentals	Computer User Support	Operating System Technologies I
3rd Sem.	Technical Writing	Arts & Humanities/ Social & Behavioral Science Elective		Network Administration I	Network Security Fundamentals	PC Servicing and Troubleshooting	Operating System Technologies II
4th Sem.		Arts & Humanities/ Social & Behavioral Science Elective	Introduction to Business	Network Administration II	A+ Certification Preparation	Computer System Peripherals	Networking Capstone

CVCC SAMPLE PROGRAM OF STUDY

INFORMATION TECHNOLOGY - PROGRAMMING & SOFTWARE DEVELOPMENT

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/ Multimedia & Web Tools	Java Programming I&II
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Programming & Software Dev. I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Programming & Software Dev. II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN INFORMATION TECHNOLOGY WITH MAINFRAME PROGRAMMING CONCENTRATION

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Arts & Humanities/ Social & Behavioral Science Elective	Introduction to Business	Intro to Microcomputer Applications	Information Technology Concepts	Programming Logic	
2nd Sem.	College Composition II	College Algebra	Financial Accounting			Internal Computer Functions	Application Program Development I
3rd Sem.	Fundamentals of Interpersonal Communication		Elementary Probability & Statistics			Assembly Language Programming	Application Program Development II
4th Sem.		Arts & Humanities/ Social & Behavioral Science Elective			IT Elective	System Analysis & Design	Application Program Development III

GHHS SAMPLE PROGRAM OF STUDY

ENGLISH

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES

Grade	English	Math	Science	Social Studies	Course	Course	Course
9	Honors English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I	Introduction to Art
10	Honors English II	Geometry	Biology	World History	PE	Creative Writing	
11	Honors English III	Algebra II	Chemistry	Govt/Soc, Psych, or Geogr.	Foreign Language I	Newspaper	Yearbook
12	AP English Literature & Composition	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, 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/Publisher Dramatic Arts/Production Broadcasting/Radio/TV Law

CVCC SAMPLE PROGRAM OF STUDY

EDUCATION & TRAINING - EDUCATION PROFESSIONS

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	Foreign Language I
10	English II	Geometry	Biology	World History	PE	Introduction to Art/Crafts	Foreign Language II
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.	Computer Apps II	Personal & Family Living	Education Professions I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Social Psychology			Education Professions II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN EARLY CHILDHOOD EDUCATION

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	Fundamentals of Interpersonal Communication	College Composition I	Survey of Math (or higher)	General Psychology	Intro to Early Childhood Education		
2nd Sem.	Human Biology Science/Lab	College Composition II		Child Growth & Development	Early Language Development	Art in Early Childhood	Cognition and Problem Solving
3rd Sem.			Early Childhood Education Elective	Infant/Toddler Development & Relationships	Including Children with Special Needs	Music, Movement, and Outdoor Env.	Exp. With Young Children
4th Sem.			Child Behavior and Guidance	Center-Family Relationships	Childhood Health Safety & Nutrition	Student Teaching Practicum	Student Teaching Seminar

CVCC SAMPLE PROGRAM OF STUDY

HOSPITALITY & TOURISM - CULINARY ARTS

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/ Food Technology
10	English II	Geometry	Biology	World History	PE		Chef's Class I&II
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Culinary Arts I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Culinary Arts II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN HOSPITALITY MANAGEMENT WITH CULINARY ARTS CONCENTRATION

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Survey of Math (or higher)	Introduction to the Hospitality Industry	Sanitation and Safety	Basic Food Preparation	Customer Service	Menu Planning and Nutrition
2nd Sem.	College Composition II	Applied Accounting	Introduction to Microcomputer Applications		Advanced Food Preparation	Baking Production and Sales	Dining Room Operations
3rd Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Arts & Humanities/ Social & Behavioral Science Elective	Hospitality Purchasing	Facilities Design and Maintenance		Hospitality Management and Supervision	Restaurant Operations
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective		Hospitality Cost Control		Advanced Culinary Skills	Restaurant Management Experience	

CVCC SAMPLE PROGRAM OF STUDY

HOSPITALITY & TOURISM - HOTELS & RESORTS

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	Food Technology
10	English II	Geometry	Biology	World History	PE	Introduction to Art	Chef's Class I&II
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Hotels & Resorts I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Hotels & Resorts II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN HOSPITALITY MANAGEMENT WITH LODGING-TOURISM CONCENTRATION

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Survey of Math (or higher)	Introduction to Microcomputer Applications	Introduction to the Hospitality Industry	Sanitation and Safety	Basic Food Preparation	Customer Service
2nd Sem.	College Composition II	Applied Accounting	Arts & Humanities/ Social & Behavioral Science Elective		Dimensions of Tourism	Housekeeping Operations	Front Office Operations
3rd Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Hospitality Purchasing			Facilities Design and Maintenance	Hospitality Law	Hospitality Management & Supervision
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Hospitality Cost Control			Hospitality Marketing & Sales	Convention Management and Meeting Planning	Lodging & Tourism Management Practicum

CVCC SAMPLE PROGRAM OF STUDY

HUMAN SERVICES - COSMETOLOGY

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	Speech I
10	English II	Geometry	Biology	World History	PE	Introduction to Art/Drawing	General Business/ Business Law
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Cosmetology I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Cosmetology II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN ASSOCIATE OF TECHNICAL STUDY DEGREE (OFFICE OPERATIONS MANAGEMENT)

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Survey of Math (or higher)	Internet Fundamentals	Introduction to Business	Business Language Skills	Introduction to Microcomputer Applications	
2nd Sem.	College Composition II	Business Communications	Word Processing I	Principles of Management	Basic Filing with Microcomputer Applications	Electronic Spreadsheet Use and Design	Basic Business Formatting
3rd Sem.	Arts & Humanities/ Social & Behavioral Science Elective						
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective						20 Credits of Technical Study

GHHS SAMPLE PROGRAM OF STUDY

FOREIGN LANGUAGE

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, Psych, or Geogr.	Computer 101/ Computer Apps I	Spanish III	German III
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, 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

GHHS SAMPLE PROGRAM OF STUDY

HEALTH/PHYSICAL EDUCATION

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, Psych, 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 Lifeguard 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

CVCC SAMPLE PROGRAM OF STUDY

LAW & PUBLIC SAFETY FIRE & EMS ACADEMY

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	Spanish I
10	English II	Geometry	Biology	World History	PE	Introduction to Art/ Basic Athletic Training	Spanish II
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Fire & EMS Academy I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Fire & EMS Academy II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN ENVIRONMENTAL, HEALTH & SAFETY TECHNOLOGY

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Introduction to Microcomputer Applications	Fundamentals of Speech Communication	Survey of Math (or higher)	Introduction to Environmental Technology	Arts & Humanities/ Social & Behavioral Science Elective	
2nd Sem.	Human Biology/Lab	Introduction to Inorganic Chemistry	Introduction to Environmental Law	Health & Safety in the Workplace			
3rd Sem.	EH&S Management Systems	Emergency Planning and Response	Risk Assessment	Standard First Aid & Personal Safety	Hazardous Materials Transportation	Environmental Sampling & Analysis	Arts & Humanities/ Social & Behavioral Science Elective
4th Sem.	Introduction to Business	ENG 2151 Technical Writing	Solid & Hazardous Waste Management	Field Experience	Professional Practice	Arts & Humanities/ Social & Behavioral Science Elective	

GHHS SAMPLE PROGRAM OF STUDY

MATHEMATICS

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, Psych, or Geogr.	Probability & Statistics	Java Programming I	Foreign Language III
12	English IV	Honors Calculus	Environmental Physics	Soc, Psych, 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

GHHS SAMPLE PROGRAM OF STUDY

FINE ARTS - MUSIC

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, Psych, or Geogr.	Computer 101/ Introduction to Art	Concert Choir	Band
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.	Economics	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

GHHS SAMPLE PROGRAM OF STUDY

SCIENCE

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, Psych, or Geogr.	General Business	Computer Apps II	Foreign Language III
12	English IV	Coll. Exam Math/ Prob. & Stats	Honors 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

CVCC SAMPLE PROGRAM OF STUDY

HEALTH SCIENCE - DENTAL ASSISTING

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES

Grade	English	Math	Science	Social Studies	Course	Course	Course
9	English I	Algebra I	Earth Science	American History	Health/PE	Computer 101/ Computer Apps I	Food Technology
10	English II	Geometry	Biology	World History	PE	Introduction to Art/ Computer Apps II	
11	English III	Algebra II	Chemistry	Govt/Soc, Psyc, or Geogr.			Dental Assisting I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Dental Assisting II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN DENTAL HYGIENE

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Anatomy and Physiology I	Intro to Biochemistry	General Psychology			
2nd Sem.		College Algebra	Dental Anatomy	General and Oral Histopathology	Preventative Oral Health Services I	Radiology	Dental Hygiene Care Ethics
3rd Sem.			Head and Neck Anatomy	Oral Microbiology and Immunology	Preventative Oral Health Services II	Periodontics I	Concepts in Dental Materials
4th Sem.	Fundamentals of Interpersonal Communication		Pharmacology and Therapeutics	Local Anesthesia and Pain Management	Preventative Oral Health Services III	Periodontics II	Nutrition for Dental Hygiene
5th Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Arts & Humanities/ Social & Behavioral Science Elective			Preventative Oral Health Services IV	Community Oral Health	Dental Hygiene Practice

CVCC SAMPLE PROGRAM OF STUDY

HEALTH SCIENCE - HEALTH 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	
10	English II	Geometry	Biology	World History	PE	Introduction to Art	Personal & Family Living
11	English III	Algebra II	Chemistry	Government			Health Careers I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Health Careers II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN NURSING (REGISTERED NURSING)

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	College Algebra	Intro to Biological Chemistry	General Psychology			
2nd Sem.			Anatomy and Physiology I	LifeSpan Development	Health Assessment	Self-Care Needs: Life Span I	
3rd Sem.			Anatomy and Physiology II	Microbiology	Community/Home Nursing	Health Deviations I	
4th Sem.	College Composition II					Specialized Healthcare Needs	
5th Sem.	Arts & Humanities/ Social & Behavioral Science Elective					Health Deviations II	Health Management

CVCC SAMPLE PROGRAM OF STUDY

SPORTS MEDICINE EXERCISE SCIENCE

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	
10	English II	Geometry	Biology	World History	PE	Introduction to Art	Personal & Family Living
11	English III	Algebra II	Chemistry	Government			Sports Medicine Exercise Science I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Sports Medicine Exercise Science II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN NURSING (REGISTERED NURSING)

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	College Algebra	Intro to Biological Chemistry	General Psychology			
2nd Sem.			Anatomy and Physiology I	LifeSpan Development	Health Assessment	Self-Care Needs: Life Span I	
3rd Sem.			Anatomy and Physiology II	Microbiology	Community/Home Nursing	Health Deviations I	
4th Sem.	College Composition II					Specialized Healthcare Needs	
5th Sem.	Arts & Humanities/ Social & Behavioral Science Elective					Health Deviations II	Health Management

GHHS SAMPLE PROGRAM OF STUDY

SOCIAL STUDIES

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

CVCC SAMPLE PROGRAM OF STUDY

CONSTRUCTION TECHNOLOGIES - BUILDING & PROPERTY MAINTENANCE

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	General Business
10	English II	Geometry	Biology	World History	PE	Introduction to Art	Business Law
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Building & Property Maintenance (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Building & Property Maintenance (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN CONSTRUCTION ENGINEERING TECHNOLOGY

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Technical Mathematics I		Construction Orientation	Intro to Microcomputer Applications	Engineering Drawing	Architectural and Mechanical Design
2nd Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Technical Mathematics II	College Physics I	Construction Print Reading	Technical Statics		
3rd Sem.	Technical Writing		Principles of Structural Design	Basic Survey Practices	Construction Methods	Mechanical & Electrical Systems	Strength of Materials
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Accounting/Bus./ Constr. Electives			Construction Scheduling	Construction Estimating	Construction Management

CVCC SAMPLE PROGRAM OF STUDY

CONSTRUCTION TECHNOLOGIES - CONSTRUCTION TRADES

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	General Business
10	English II	Geometry	Biology	World History	PE	Introduction to Art	Business Law
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Construction Trades I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Construction Trades II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN CONSTRUCTION ENGINEERING TECHNOLOGY

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Technical Mathematics I		Construction Orientation	Intro to Microcomputer Applications	Engineering Drawing	Architectural and Mechanical Design
2nd Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Technical Mathematics II	College Physics I	Construction Print Reading	Technical Statics		
3rd Sem.	Technical Writing		Principles of Structural Design	Basic Survey Practices	Construction Methods	Mechanical & Electrical Systems	Strength of Materials
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Accounting/Bus./ Constr. Electives			Construction Scheduling	Construction Estimating	Construction Management

CVCC SAMPLE PROGRAM OF STUDY

CONSTRUCTION TECHNOLOGIES - ELECTRICAL SYSTEMS

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/ Drawing
10	English II	Geometry	Biology	World History	PE	General Business	Business Law
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Electrical Systems I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Electrical Systems II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN INTEGRATED SYSTEMS MAINTENANCE

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	Mechanical/ Electrical Print Reading	Mechanical Power Transmission	Applied Electricity I	College Composition I	Technical Mathematics I	HVAC/Refrigeration I	
2nd Sem.	Business Communication	Introduction to Microcomputer Applications	Fundamentals of Fluid Power	Industrial Piping & Tubing	Applied Electricity II	Arts & Humanities/ Social & Behavioral Science Elective	
3rd Sem.	Programmable Logic Controllers Maintenance I	Commercial Writing	Fluid Power	Technical Writing	Professional Success Strategy		
4th Sem.	Fundamentals of Electronics & Instrumentation	Programmable Logic Controllers II	Applied National Electric Code	Reliability Centered Maintenance	Arts & Humanities/ Social & Behavioral Science Elective		

CVCC SAMPLE PROGRAM OF STUDY

CONSTRUCTION TECHNOLOGIES - HEATING & AIR CONDITIONING

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/ Drawing
10	English II	Geometry	Biology	World History	PE	General Business	Business Law
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Heating & Air Conditioning I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Soc, Psych, or Geogr.			Heating & Air Conditioning II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN ENVIRONMENTAL SYSTEMS MAINTENANCE

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	Mechanical/ Electrical Print Reading	Mechanical Power Transmission	Applied Electricity I	College Composition I	Technical Mathematics I	HVAC/Refrigeration I	
2nd Sem.	Business Communication	Introduction to Microcomputer Applications	Fundamental Boiler Technology	Industrial Piping & Tubing	Applied Electricity II	Arts & Humanities/ Social & Behavioral Science Elective	
3rd Sem.	Programmable Logic Controllers Maintenance I	Commercial Writing	HVAC and Refrigeration	Technical Writing	Professional Success Strategy		
4th Sem.	Fundamentals of Electronics & Instrumentation	Applied National Electrical Code	Applied Boiler Technology	Reliability Centered Maintenance	Arts & Humanities/ Social & Behavioral Science Elective		

CVCC SAMPLE PROGRAM OF STUDY

ENGINEERING & SCIENCE - ENGINEERING TECHNOLOGY

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/ Drawing
10	English II	Geometry	Biology	World History	PE	Computer Apps II	Business Law
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Engineering Technology I (CVCC)
12	English IV	Pre-Calculus		Soc, Psych, or Geogr.			Engineering Technology II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN ELECTRICAL ENGINEERING TECHNOLOGY

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Calculus I		Productivity Tools for Engineers	Digital Circuits/ Microprocessors I	DC Circuits	Intro to Robotics
2nd Sem.	Fundamentals of Electronics & Instrumentation	Calculus II	Arts & Humanities/ Social & Behavioral Science Elective	College Physics I	Digital Circuits/ Microprocessors II	A/C Circuits	
3rd Sem.	Technical Writing		C Programming	College Physics II	Industrial Electronics I	Electronics I	Signal Analysis
4th Sem.	Intro to Organizational Psychology	Surface Mount Soldering	Instrumentation and Control	Programmable Logic Controllers	Printed Circuit Layout	Electronics II	Electrical design Project

CVCC SAMPLE PROGRAM OF STUDY

ENGINEERING & SCIENCE - ARCHITECTURAL & MECHANICAL DESIGN

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/ Drawing
10	English II	Geometry	Biology	World History	PE	Computer Apps II	Photoshop
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Architectural & Mechanical Design I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats.	Environmental Physics	Soc, Psych, or Geogr.			Architectural & Mechanical Design II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN DRAFTING AND DESIGN ENGINEERING TECHNOLOGY

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Technical Mathematics I	Technology Orientation	Computer Applications & Programming	Engineering Drawing	AutoCAD 2D	Machine Tools & Manufacturing Processes
2nd Sem.	Technical Mathematics II	Engineering Materials and Metallurgy	CNC Programming & Operation	Advanced AutoCAD	College Physics I		
3rd Sem.	College Physics II	College Composition II	CAD/CAM Processes	Geometric Dimensioning and Tolerances	Architectural CAD	Arts & Humanities/ Social & Behavioral Science Elective	
4th Sem.	Fundamentals of Product Development	Solid Modelling 3D	Cooperative Field Experience	Arts & Humanities/ Social & Behavioral Science Elective	Arts & Humanities/ Social & Behavioral Science Elective		

CVCC SAMPLE PROGRAM OF STUDY

MANUFACTURING TECHNOLOGIES - MACHINE TECHNOLOGY

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/ Drawing
10	English II	Geometry	Biology	World History	PE	General Business	Economics
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Machine Trades I (CVCC)
12	English IV	Pre-Calculus	Environmental Physics	Soc, Psych, or Geogr.			Machine Trades II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN MANUFACTURING INDUSTRIAL ENGINEERING TECHNOLOGY

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Technical Mathematics I	Technology Orientation	Computer Applications & Programming	Engineering Drawing	AutoCAD 2D	Machine Tools & Manufacturing Processes
2nd Sem.	Technical Mathematics II	Engineering Materials and Metallurgy	CNC Programming & Operation	Architectural and Mechanical Design	College Physics I		
3rd Sem.	College Physics II	College Composition II	Architectural and Mechanical Design	Fluid Power	MET Elective	Arts & Humanities/ Social & Behavioral Science Elective	
4th Sem.	Fundamentals of Product Development	MET Elective	MET Elective	Arts & Humanities/ Social & Behavioral Science Elective	Arts & Humanities/ Social & Behavioral Science Elective		

CVCC SAMPLE PROGRAM OF STUDY

TRANSPORTATION SYSTEMS - AUTO BODY REPAIR & REFINISHING

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/ Drawing
10	English II	Geometry	Biology	World History	PE	Computer Apps II/ Photoshop	Painting
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Auto Body Repair & Refinishing I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats.	Environmental Physics	Soc, Psych, or Geogr.			Auto Body Repair & Refinishing II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN ASSOCIATE OF TECHNICAL STUDY DEGREE (OFFICE OPERATIONS MANAGEMENT)

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Survey of Math (or higher)	Internet Fundamentals	Introduction to Business	Business Language Skills	Introduction to Microcomputer Applications	
2nd Sem.	College Composition II	Business Communications	Word Processing I	Principles of Management	Basic Filing with Microcomputer Applications	Electronic Spreadsheet Use and Design	Basic Business Formatting
3rd Sem.	Arts & Humanities/ Social & Behavioral Science Elective						
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective						20 Credits of Technical Study

CVCC SAMPLE PROGRAM OF STUDY

TRANSPORTATION SYSTEMS - AUTO SERVICE TECHNOLOGY

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/ Drawing
10	English II	Geometry	Biology	World History	PE	Computer Apps II	General Business/ Economics
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Auto Service Technology I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats.	Environmental Physics	Soc, Psych, or Geogr.			Auto Service Technology II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN DEGREE IN AUTOMOTIVE TECHNOLOGY

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Survey of Math (or higher)	Numerical Applications in Automotive Service	Automotive Electrical Fundamentals	Intro to Automotive Service Procedures	Automotive Braking Systems	
2nd Sem.	College Composition II	Automotive Alignment, Steering & Suspension	Intro to Microcomputer Applications	Automotive Field Experience I	Automotive Electrical Systems	Automotive Engines	
3rd Sem.	Business	Engine Performance	Arts & Humanities/ Social & Behavioral Science Elective	Manual Transmission & Drivetrain	Automotive Field Experience II	Automotive HVAC	Automotive Electronic Engine Controls
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective	Automotive Field Experience III	Arts & Humanities/ Social & Behavioral Science Elective	Automatic Transmission	Automotive Electrical Diagnosis	Automotive Service Operations	Automotive Professional Study

CVCC SAMPLE PROGRAM OF STUDY

TRANSPORTATION SYSTEMS - POWER EQUIPMENT TECHNOLOGY

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	General Business/ Economics
11	English III	Algebra II	Chemistry	Govt/Soc, Psych or Geogr.			Power Equipment Technology I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats.	Environmental Physics	Soc, Psych, or Geogr.			Power Equipment Technology II (CVCC)

SAMPLE POST SECONDARY CURRICULUM RESULTING IN ASSOCIATE OF TECHNICAL STUDY DEGREE (OFFICE OPERATIONS MANAGEMENT)

College	Course	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Survey of Math (or higher)	Internet Fundamentals	Introduction to Business	Basic Language Skills	Introduction to Microcomputer Applications	
2nd Sem.	College Composition II	Business Communications	Word Processing I	Principles of Management	Basic Filing with Microcomputer Applications	Electronic Spreadsheet Use and Design	Basic Business Formatting
3rd Sem.	Arts & Humanities/ Social & Behavioral Science Elective						
4th Sem.	Arts & Humanities/ Social & Behavioral Science Elective						20 Credits of Technical Study

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