

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's best to have a discussion with them, so you can decide proper placement together.
- Step #4 – Take your completed registration form home for review. Discuss your choices with your parents and ask them to sign-off indicating approval.
- Step #5 – 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 educational 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 with her topics which 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 educational 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 cr.

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

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 work force.

The requirements are as follows:

English	4 credits
Health	½ credit
Physical Education	½ credit (two quarter credit courses)
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 Advanced Science)
Electives	5 credits
Total	20 credits

Beginning with the graduating class of 2018, in addition to course credits, students will earn points toward graduation on seven end-of-course exams. These exams will replace the Ohio Graduation Tests. With few exceptions, students must accumulate a minimum of 18 points from scores on their end-of-course exams to become eligible for a diploma.

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 starting with the graduating class of 2018.

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.

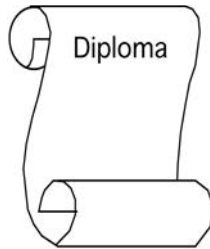
THE OHIO CORE ALTERNATIVE GRADUATION PATHWAY

The law establishes an alternative method to earn a 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 not be 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 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

1. Eligible students must complete all the Garfield Heights Board of Education course and credit requirements.
2. Beginning with the graduating class of 2018, in addition to course credits, students will earn points toward graduation on seven end-of-course exams. These exams will replace the Ohio Graduation Tests. With few exceptions, students must accumulate a minimum of 18 points from scores on their end-of-course exams to become eligible for a diploma.



HONORS DIPLOMA CRITERIA

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

Subject	High School Academic Diploma with Honors	Career-Technical Diploma with Honors
English	4 units	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including Physics and Chemistry	4 units including two units of advanced science ***
Social Studies	4 units	4 units
Foreign Language	3 units, including at least 2 units in each language studied	Not counted toward requirements
Fine Arts	1 unit	Not counted toward requirements
Career-Technical	Not counted toward requirements, and may not be used to meet requirements	Now counted in Electives
Electives	Not counted toward requirements	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections)*	27 ACT / 1210 SAT	27 ACT / 1210 SAT
Additional Assessment	Not applicable	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

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

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

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

***Advanced science refers to courses in the Ohio Core 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 the new high school syllabi, or with an entry-level college course (clearly preparing students for a college freshman-level science class such as anatomy, botany, or astronomy), or contain material above the current OGT level.

ATHLETIC ELIGIBILITY

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

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

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

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

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

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



Divisions I and II Initial-Eligibility Requirements

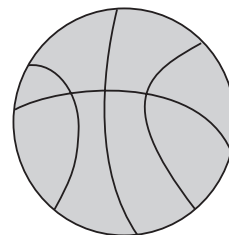
DIVISION I

16 Core Courses with a minimum GPA of 2.3

- 4 years of English.
- 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).

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

ATHLETIC ELIGIBILITY (continued)



DIVISION II

16 Core Courses with a minimum GPA of 2.0

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).

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

COLLEGE ENTRANCE REQUIREMENTS

The Minimum Core . . . *

English - 4 credits

Math - 3 credits

Science - 3 credits

Social Studies - 3 credits

Foreign Language - 2 credits

Art/Fine Arts - 1 credit



For College preparation in Ohio:

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

Endorsed by the Admissions Officers of:

Bowling Green State University

Central State University

Cleveland State University

Kent State University

Miami University

Ohio University

The Ohio State University

Shawnee State University

The University of Akron

University of Cincinnati

University of Toledo

Wright State University

Youngstown University

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.

COLLEGE CREDIT PLUS (Formerly PSEO)

Student / Parent Notification

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

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

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

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

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

1. The school shall provide information about the program prior to March 1st of each year to all district students enrolled in grades 8 through 12.
2. A student or his parent shall inform the principal in writing by March 30th of the student's intent to participate in the program for the upcoming school year. Failure to inform the school on time will result in ineligibility to participate during the next academic school year unless permission is granted by the Superintendent.
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 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
Urban Studies	page 24
General Education Courses	page 25

Updated: Spring 2015

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:

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

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

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

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

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

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

SENIOR PROJECT

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

Student requirements for participation:

1. **Senior Project Proposal Form** – This form must be signed by your off-site supervisor and a parent or guardian and turned in to GHHS administration.
2. **Senior Project Action Research Project** – This mini-project must center around the community service project or career you have agreed to shadow. This must be completed and turned in to GHHS administration.
3. **A minimum of 50 hours of on-site time** – Participants are required to keep a log/timesheet as evidence of completing at least 50 hours of shadowing or community service. Logs must be signed by your off-site supervisor daily and submitted to GHHS administration.
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 able 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 their 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 pass all five portions of the Ohio Graduation test and/or meet any additional requirements of the State of Ohio.





CUYAHOGA VALLEY CAREER CENTER

The Cuyahoga Valley Career Center 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



Earning College Credit

There are several opportunities for students to earn college credits for the career-technical coursework taken at CVCC. Most programs at CVCC are designated “Ohio College Tech Prep” (identified in the program listings by the ◆ symbol), in which students can earn transcribed college credit that is transferrable to any public two- or four-year college in Ohio. Students must meet specific requirements to qualify, including a 3.0 or better GPA at CVCC, completion of Algebra II or higher, and a 2.0 overall GPA. In addition, some CVCC programs are approved by the Ohio Board of Regents as “Career Technical Credit Transfer” courses (identified in the program listings by CT2). In these courses, students can earn credit in equivalent college courses by demonstrating agreed-upon technical knowledge and skills based on recognized industry standards. The credits transfer as subject-specific credits to any public two- or four-year institution in Ohio offering the equivalent technical course. CVCC also maintains individual agreements with several institutions that can lead to articulated college credit for CVCC coursework. A complete list can be found in the CVCC catalog or website. College-bound students should plan their four-year high school schedules carefully, so that they meet college entrance requirements and still have room in their schedule for a CVCC program.

Academics/Scheduling

Most CVCC programs are two years in length and generally yield 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.

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 their 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 school counseling 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 pre-requisite;
3. medical excuses that deny participation;
4. modifying scheduling decisions.

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

**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:

9th Grade

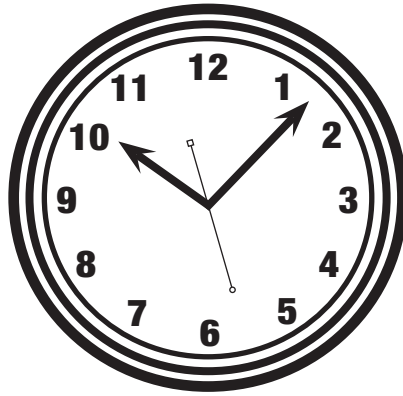
<u>Course</u>	<u>Credits</u>
English	1.00
Math	1.00
Science	1.00
Social Studies	1.00
Physical Education	.25
Health	.50

Electives - from .25 to 2.25 credits

10th Grade

<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>Credit</u>
English	1.00
Math	1.00
Social Studies	.50
Science	1.00

Electives - from 1.00 to 3.00 credits

12th Grade

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

Electives - from 2.00 to 4.00 credits

Four Year Academic Plan Worksheet

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

<u>Grade 11</u>			<u>Grade 12</u>		
1. Eng.	English III	1.00	1. Eng.		0.50
2. Math		1.00	Eng.		0.50
3. Science		1.00	2. Soc.Stud.	Government	0.50
4. Soc.Stud.	Government	.50	3. Math		1.00
5. Lunch	Lunch	0.00	4. Lunch	Lunch	0.00
6. Elective			5. Elective		
7. Elective			6. Elective		
8. Elective			7. Elective		
			8. Elective		

COURSE LISTINGS & CREDIT

<u>Course</u>	<u>Credit</u>	<u>Prerequisite</u>
<u>Art</u>		
Advanced Studio	.50	Intro to Art & 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
Business Law	.50	
Economics	.50	Gr. 10-12
General Business	.50	
<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
<u>English</u>		
English I	1.00	
*Honors English II	1.00	Recommendation
English II	1.00	English I
*Honors English III	1.00	English I / Recommendation
English III	1.00	English II / Recommendation
Accelerated English III	1.00	English II / Recommendation
*Honors English IV	1.00	English II / Recommendation

***Note regarding honors classes: If a student receives 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 IV	1.00	English III
Accelerated English IV	1.00	English III/ Accelerated English III Recommendation
*Advanced Placement Eng. 12	1.00	Honors English IV Recommendation
Creative Writing I	.50	
Creative Writing II	.50	
Applied Language Arts	.50	Permission; Gr.10-12
<u>Family & Consumer Sciences</u>		
Food Technology	.50	
Chef's Class I	.50	Food Tech; Gr. 10-12
Chef's Class II	.50	Food Tech; Gr. 10-12
<u>Fine Arts</u>		
Drama I	.50	
Theatre Appreciation	.50	
<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

***Note regarding honors classes: If a student receives 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>		
Community Service	.50	Permission; 1 sem. Gr.10-12
Health	.50	Required Gr. 9/10
Personal Family Living	.50	Elective, Gr. 10-12
PE-Life Fitness	.25	Required Gr. 9
PE-Individual Training	.25	Required Gr. 10
Basic Athletic Training I	.50	
Basic Athletic Training II	.50	
Health and Wellness	.50	
 <u>Mathematics</u>		
*AP Calculus	1.00	Honors Pre-Calculus; grade 12
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 II	1.00	"C" in Geom., Gr. 11-12
Algebra I	1.00	Approval; Gr. 9
College Exam Math	.50	Algebra II; Gr. 11 or 12
Geometry	1.00	"C" in Alg.I; Gr. 10
*Honors Algebra II	1.00	H. Geom.; Perm.; Gr. 10-12
*Honors Calculus	1.00	Pre-Calculus or Honors Pre-Calculus; Gr. 12
*Honors Geometry	1.00	H. Alg. I; Perm.; Gr. 9-10
*Honors Pre-Calculus	1.00	H. Alg. II, Perm., Gr. 11-12
Math OGT Lab	.25	One Quarter, Gr. 11-12
Pre-Calculus	1.00	"C" in Alg. II; Gr. 11-12
Probability & Statistics	.50	Algebra II or Approval; Gr. 12

***Note regarding honors classes: If a student receives 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>		
A' Cappella Choir	1.00	Audition; Gr. 10-12
Concert Choir	1.00	
Music Appreciation	.50	
Music Express	1.00	Audition
<u>Science</u>		
Environmental Physics	1.00	2 credits of Science; Gr. 11-12
Environmental Science	1.00	
Astronomy I	.50	Alg. I, Chem.; Gr. 12
Biology	1.00	Taking Alg. I, "C" in Phys Sci.; Gr. 10-12
Biology-T	1.00	
Chemistry	1.00	Alg. I, Bio., Perm., Gr. 11-12
Forensic Science	.50	"C" in Chemistry; Gr. 11-12
*AP Biology 1.00		Bio., Chem., Perm.; Gr. 12
*Honors Advanced Chemistry	1.00	Alg. I, Chem., Perm.; Gr. 11-12
*Honors Biology	1.00	"C" in Honors Phys. Sci. and Recommendation.; Gr. 10
*Honors Chemistry	1.00	H. Bio., Geom.; Gr. 11
*Honors Physical Science	1.00	Gr. 9; Recommendation
Physical Science	1.00	Required Gr. 9
*Honors Human Anatomy & Physiology	1.00	Bio., Health, Chem.; 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 receives 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	.50	Gr. 11 or 12; required
*Honors Government	.50	Gr. 12; Application
Sociology	.50	Gr. 11-12; elective
Social Psychology	.50	Gr. 11-12; elective
Global Geography	.50	Gr. 11-12; elective
*AP United States History	1.00	Gr. 11-12; Application; elective
 <u>Vocational:</u>		
Career Based Intervention Program I (CBIP)	3.50	Perm., Age 16, Gr. 11
Career Based Intervention Program II (CBIP)	3.50	Perm., Age 16, Gr. 12

***Note regarding honors classes: If a student receives 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. 87

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

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 fusing and jewelry.

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

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

GHHS ART

See Sample Program of Study pg. 87

#680 CERAMICS

Prerequisite: Intro to Art

Credit: .50

Grades: All

Semester

Fee charged

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

#688 Fibers I

Prerequisite: Intro to Art

Credit: .50

Grades: All

Semester

Fee Charged

Fibers art teaches weaving with paper, fabric, and reed. Students will create functional and decorative pieces of art with their hands, needles, and looms. Additionally, students will learn the importance of fibers and textiles in the design and fashion industry, along with its importance in other cultures and countries.

#689 Fibers II

Prerequisite: Intro to Art and Fibers I

Credit: .50

Grades: All

Semester

Fee Charged

Fibers II will extend students' knowledge from Fibers I on creating both functional and decorative pieces of art while learning about and using the following textiles and tools: Hand and machine sewing, dyeing fabrics using multiple techniques, making felt, and needle felting. Students will continue to learn the importance of fibers and textiles in today's fashion and art industry, along with the importance of its history throughout the world.

#708 ADVANCED STUDIO

Prerequisite: Intro to Art

Credit: .50

Grades: 10-12

Semester

Fee charged

Beginning level of class desired

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



CVCC CAREER FIELD

ARTS & COMMUNICATION

See Sample Programs of Study pgs. 88-90

DIGITAL DESIGN

◆ OHIO COLLEGE TECH PREP

Credit: Year One - 4.0 elective per year
Year Two - 3.0 elective, 1.0 English 12

Fees: \$30 each year

Students prepare to enter the exciting world of electronic imaging and multimedia. In this nationally recognized program, students study traditional art concepts and master computer graphics software to create advertising layouts, digital imagery, Web page designs and more. Students prepare for a career in computer animation, multimedia production, graphic design, advertising, publications or other exciting possibilities.

GRAPHIC IMAGING TECHNOLOGY

◆ OHIO COLLEGE TECH PREP

Credit: Year One - 4.0 elective per year
Year Two - 3.0 elective, 1.0 English 12

Fees: Year One - \$63
Year Two - \$50

Students learn how to reproduce text, art and photo images through computer imaging, photography and machine printing processes. The instructional focus is on offset presses, scanners, film/plate processors and computer graphics software to print everything from books and magazines to posters and t-shirts. Students will 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.

MEDIA TECHNOLOGY

◆ OHIO COLLEGE TECH PREP

Credit: Year One - 3.0 elective, 1.0 English 11
Year Two - 3.0 elective, 1.0 English 12

Fees: \$30 per year

Students gain a deeper understanding of the technology behind video and audio production. From concept to completion, students will create audiovisual content for broadcast, Internet, and interactive multimedia applications. Independent study will offer students a chance to develop specific skills and interests. Students in this program 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. 91

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 student and the student who plan to enter the job market upon graduation for the technological society of today.

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

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

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

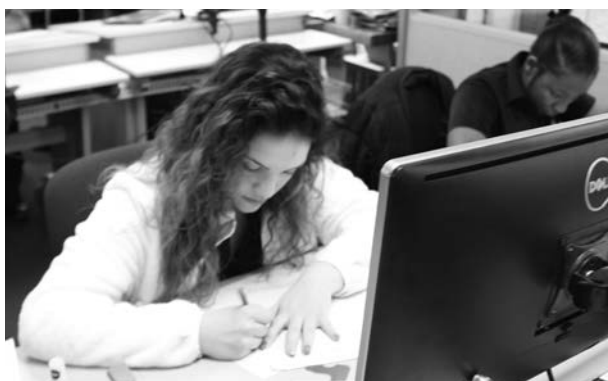
General Business gives an understanding of general business practices and principles which affect the lives of all individuals, regardless of occupations. It covers and extends many of Ohio' requirements for financial literacy.

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

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

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

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



See Sample Programs of Study pgs. 92

MEDICAL ADMINISTRATIVE SPECIALIST

◆ **OHIO COLLEGE TECH PREP**

Credit: Year One – 3.0 elective, 1.0 English 11

Year Two – 4.0 elective

Fees: Year One - \$135

Year Two - \$180

Students in this program prepare for positions in the office/reception area for a doctor, dentist, hospital or other medical facility. In this program students learn to schedule patients, maintain their medical records, and handle billing and insurance matters. In addition to standard office and computer skills, students will gain knowledge of medical terminology, and special medical office software. Students may gain employment 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



See Sample Programs of Study pgs. 93

MARKETING TECHNOLOGY

(ONE YEAR - SENIORS ONLY)

◆ **OHIO COLLEGE TECH PREP**

Credit: 4.0 elective

Fees: \$30

This program prepares students for college or employment in the field of marketing. Enrollees should have strong computer skills and the ability to use the Internet. Both classroom and field instruction are employed as students learn about sales, promotion, pricing, customer service, management systems, market research and the psychology of marketing. Emphasis is also placed on problem-solving, negotiation, communication, decision-making, teaming, creative thinking and office technology. Students can earn their IC³ (Internet & Computing Core Certification). Students must work in a paid marketing internship for an average of 15 hours per week at an approved work site. Students must provide their own transportation to and from CVCC and the internship.



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: Adopt a Family, Parade of Bears, Jennings Hall Activities, Coats and Toys for Kids distribution and many more. The projects should demonstrate student involvement at all stages, including: 1) preparation; 2) service; 3) reflection; 4) recognition.



GHHS COMPUTER EDUCATION

See Sample Program of Study pg. 91

#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. **Graduation requirement.**

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

#722 COMPUTER APPS. II

Prerequisite: Comp.Apps.I

Credit: .50

Grades: All

Semester

Fee charged

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

#750 MULTIMEDIA & WEB TOOLS

Prerequisite: Comp.Apps.II

Credit: .50

Grades: 10-12

Semester

Fee charged

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

#754 PHOTOSHOP

Prerequisite: Comp.Apps.II

Credit: .50

Grades: 10-12

Semester

Fee Charged

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

CVCC CAREER FIELD

INFORMATION TECHNOLOGY

See Sample Programs of Study pgs. 94-95

COMPUTER NETWORKING ACADEMY

◆ **OHIO COLLEGE TECH PREP
CT² CAREER TECHNICAL
CREDIT TRANSFER**

Credit: Year One - 3.0 elective,
1.0 Algebra II or
College Prep Math or
Pre-Calculus (*Algebra II,
College Prep Math or
Pre-Calculus must be
taken at CVCC in Year One.*)
Year Two - Year Two 4.0 elective **OR**
3.0 elective, 1.0 College
Prep Math or
Pre-Calculus
(*For promotion to Year Two,
student must have passed
Algebra II in Year One at
CVCC or elsewhere.*)

Fees: \$30 each year

Students acquire a knowledge base and skills used by PC Support Technicians and Network Administrators. Students will be trained in setting up computer networks, installing, configuring and upgrading hardware and administering network operating systems with a particular emphasis on network security systems. Successful students have the ability to engage in technical reading and to solve complex problems. Students are strongly encouraged to pursue post-secondary education. Course prerequisites include grades of C or better in Keyboarding, Algebra I, and Introduction to Computers or instructor permission. Students are prepared for certification exams for CISCO Certified Entry Network Technician, CISCO Certified Network Associate, CompTIA Security+, CompTIA A+, CompTIA Network + and IC³ (Internet & Computing Core Certification), and Microsoft Technology Associate.

PROGRAMMING & SOFTWARE DEVELOPMENT

◆ **OHIO COLLEGE TECH PREP**

Credit: Year One - 3.0 elective, 1.0
Algebra II or College
Prep Math or
Pre-Calculus (*Algebra II,
College Prep Math or
Pre-Calculus must be taken
at CVCC in Year One.*)
Year Two - Year Two 4.0 elective **OR**
3.0 elective, 1.0 College
Prep Math or
Pre-Calculus
(*For promotion to Year Two,
student must have passed
Algebra II in Year One at
CVCC or elsewhere.*)

Fees: \$15 per year

This program teaches the fundamentals needed for programming software for Web sites, smart devices, business applications, game development, gaming devices and personal use. Students will learn and use several programming languages, including Visual Basic, Java, and C#. To be successful in this field, students are strongly encouraged to pursue post-secondary education, earning at least a two-year Associate Degree. Students have the opportunity to acquire MTA (Microsoft Technology Associate) Software Development, MTA Web Development Fundamentals, MTA HTML5 App Development, MTA Database, IC³ (Internet & Computing Core Certification), and also to sit for the Advanced Placement in Computer Science exam. Course prerequisites include grades of C or better in Keyboarding, Algebra I, and Introduction to Computers or instructor permission.

GHHS ENGLISH

See Sample Program of Study pg. 96

GRADE LEVEL 9

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

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

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

An accelerated version of English I, 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 PARCC tests and continue to expand their skills in vocabulary, grammar, writing, research, reading, and speaking. ***Graduation requirement.***

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

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

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. 96

#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 and Diagnostic ACT is mandatory.

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

An accelerated version of English III, for which a student qualifies on the basis of placement 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 and Diagnostic ACT is mandatory. Summer reading is required, and completion of summer assignments is a must in order to remain in the course.

GRADE LEVEL 12

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

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

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

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

GHHS ENGLISH

See Sample Program of Study pg. 96

#145 ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION

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

Advanced study of college-level writing skills and intensive analysis of great literature prepare students for the Advanced Placement Exam in English Literature and Composition, offered in May. (*There is an \$85 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

Prerequisite: None	Credit: .50	Semester
	Grades: 9-10	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	Semester
	Grades: 11-12	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	Credit: .50	Semester
Prerequisite: Permission	Grades: 10-12	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. 96

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.



GHHS FAMILY & CONSUMER SCIENCE

See Sample Program of Study pg. 97

FCS educational programs focus on instruction that empower individuals to take action for the well-being of themselves and others in the workplace, community and home. The FCS content standards call for using real-life scenarios as a framework for course content, helping students develop a high level of competence in problem solving, interpersonal skills, citizenship and leadership while balancing work and family. FCS education provides a foundation for all career fields.

#580 FOOD TECHNOLOGY

Prerequisite: None

Credit: .50

Grades: All

Semester

Fee charged

Presents information to enable students to make wise food choices, employ food safety and sanitation techniques, and recognize food groups and dietary guidelines. Students will learn the basics of food preparation and planning and put this knowledge into practice while cooking in the lab. Fees apply and there is a limited class size. Food for Today textbook will be used.

#591 CHEF'S CLASS I

Prerequisite: Food Tech

Credit: .50

Grades: 10-12

Semester

Fee charged

Develop practical problem solving that influences cultural and social factors that affects the body weight and healthy lifestyles. Demonstrate safe food-handling practices related to food-borne pathogens and kitchen environments. Use time management strategies, decision-making skills, peer pressure and multicultural awareness that relate to educational, work and family goals that sustain productive, meaningful lifestyles. Students will be in the cooking lab demonstrating knowledge of family meals. Fees apply and there is a limited class size.

#592 CHEF'S CLASS II

Prerequisite: Food Tech

Credit: .50

Grades: 10-12

Semester

Fee charged

An advanced food course which will focus on foods of the world and American regional cooking. The course will include the study of the geography, climate, culture, and cuisine of the country/region being studied. Countries/regions included for study in this course are: regional American cooking, Latin America, Europe, the Mediterranean countries, the Middle East and Africa, and Asia. A look at meal patterns, menus, recipes, and regional differences will also be explored.

See Sample Programs of Study pg. 98

TEACHING PROFESSIONS

(SENIORS ONLY)

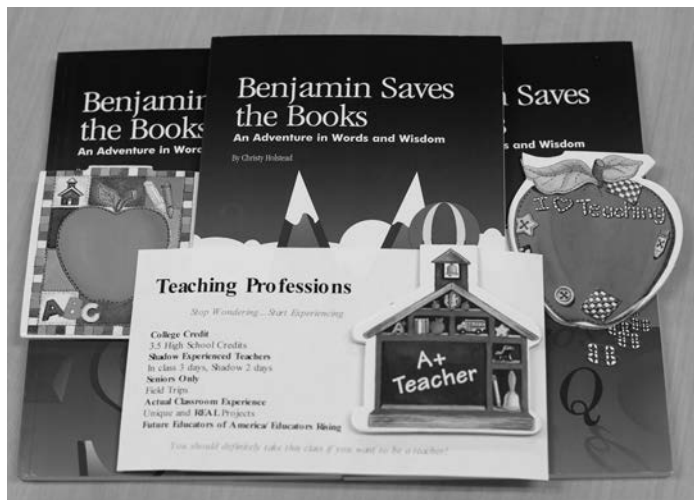
◆ **OHIO COLLEGE TECH PREP**

CT² CAREER TECHNICAL CREDIT TRANSFER

Credit: 4.0 elective

Fees: \$59

This program introduces college-bound seniors to the teaching profession and provides them with a head start onto a path to a successful teaching career. Instructional topics include classroom management, history of education, teaching strategies, classroom technology, and monitoring/assessing student performance. Each student must also complete three field experiences in actual elementary, middle school and high school classrooms. Applicants must complete an entrance essay, have a minimum cumulative grade point average of 3.0, provide a letter of recommendation from a teacher, and have an interview with the instructor. Students must also have their own transportation. Certification in American Red Cross Cardiopulmonary Resuscitation and First Aid is recommended. Students may earn college credit for Foundations of Education at any Ohio public college.



CVCC CAREER FIELD

HOSPITALITY & TOURISM

See Sample Programs of Study pgs. 99-100

CULINARY ARTS & FOOD SERVICES

◆ OHIO COLLEGE TECH PREP CT² CAREER TECHNICAL CREDIT TRANSFER

Credit: Year One – 3.0 elective,
1.0 Biochemistry
Year Two – 4.0 elective
Fees: Year One – \$176
Year Two – \$49

Skills taught in this program include commercial food preparation and operation of a restaurant. Students are taught menu planning, purchase of supplies, proper food storage, record keeping, dining room service techniques, cooking and baking, and sanitation. Students gain knowledge and experience in restaurant operation by running The Valley Inn Restaurant, located within the school and open to the public three days a week. Students have the opportunity to acquire ProStart and ServSafe certifications from the National Restaurant Association.

HOTELS & RESORTS

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

This program provides students needing more time for skill acquisition with practical work experience leading to entry-level positions in hotels, motels, hospitals, bed & breakfasts, nursing homes, restaurants and other hospitality and service industries. Through direct instruction and community-based work projects, students learn the fundamentals of cooking and baking, sanitation, banquet setup and clearing, laundry and linen care, room maintenance and more. Also emphasized are employability skills, such as work ethic, accountability, decision-making, following directions, punctuality, teamwork, and proper attire. Students will have the opportunity to earn OSHA Teen Worker Safety in Restaurants certification. *Counselor recommendation is required for admission to this program.*



See Sample Program of Study pg. 101

COSMETOLOGY

◆ **OHIO COLLEGE TECH PREP**

- Credit:** Year One – 4.0 elective
(3.0 Cos. Lab; 1.0 Theory) - *Both must be passed for promotion to Year Two.*
- Year Two – 4.0 elective
(3.0 Cos. Lab; 1.0 Theory)
- Fees:** Year One – \$540
Year Two – \$220

Practicing on mannequins and fellow students, first-year students learn how to provide personal care to hair, skin and nails to improve appearance. The second year, students apply their skills to serving patrons in the cosmetology clinic. A minimum 2.0 cumulative grade point average and a satisfactory interview with the course instructors are required for admission. Absences exceeding 9 days the first year will result in termination from the program. Absences of 18 days will result in disqualification from the licensing exam. A 150-hour unpaid internship at a cosmetology salon is required during the senior year. The Cosmetology course is licensed by the Ohio Board of Cosmetology and prepares students for the Ohio Board of Cosmetology Licensing exam, which is required of program completers.



GHHS FINE ARTS

#178 DRAMA I

Prerequisite: None

Credit: .50

Grades: 9-12

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 the Greeks-Present) and the significant plays associated with them. Students will also be exposed to a variety of contemporary theatre styles and leave with a basic understanding of the skills and training necessary to pursue a career in the performing arts.

#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.

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



GHHS FOREIGN LANGUAGES

See Sample Program of Study pg. 102

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

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

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

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

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

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

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

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

GHHS FOREIGN LANGUAGES

See Sample Program of Study pg. 102

#423 HONORS SPANISH III	Credit: 1.00	Year
Prerequisite: Spanish II*	Grades: 10-12	Fee charged
*A "C" average in Spanish II is recommended.		

This course is an expansion of speaking, listening, reading and writing skills which will be further developed in Spanish III. This course includes exposure to Spanish literature and film blended with study of culture and careers. As part of the 21st century teaching model students are expected to work in collaboration and cooperation with fellow students. Students are encouraged to explore and discover information about the Spanish language in a variety of ways; project based learning, hands on activities, as well as presentations to enhance public speaking skills.

#424 HONORS SPANISH IV	Credit: 1.00	Year
Prerequisite: Spanish III*	Grades: 11-12	Fee charged
*A "C" average in Spanish III is recommended.		

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

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

GHHS HEALTH & PHYSICAL EDUCATION

See Sample Program of Study pg. 103

#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	Grade: 9-12	No fee

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

#031 Personal & Family Living	Credit: .50	Semester
Prerequisite: None	Grade: 10-12	No Fee

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

#032 Health and Wellness	Credit: .50	Semester
Prerequisite: None	Grades:	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 EDUCATION

See Sample Program of Study pg. 103

#034 Advanced Physical Education **Credit: .25** **Semester**
Prerequisites: None **Grades: 10, 11, 12** **Fee Charged**

Individual fitness, strategizing, coaching and officiating will be included in this course. Upon completion of this course students will be able to create a personal fitness program featuring nutrition and exercise. Students will learn fundamentals of coaching and officiating. They will have opportunities to learn more about life long fitness skills. Students will be expected to visit a fitness center, participate in all activities, learn how to coach and officiate games. Students will be graded on participation, fitness activities, officiating skills, written tests, quizzes and projects. The class is open to sophomores through seniors who have passed their second PE course with a “B” or higher, or have an approved recommendation.

#036 Dance and Fitness **Credit: .25** **Semester**
Prerequisite: First year of PE **Grades: All** **No Fee**

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

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

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

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

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



See Sample Program of Study pg. 104

PUBLIC HEALTH AND SAFETY

◆ **OHIO COLLEGE TECH PREP
CT² CAREER TECHNICAL CREDIT TRANSFER**

Credit: Year One – 3.0 elective, 1.0 Anatomy
& Physiology (*Both Public Health & Safety and Anatomy
& Physiology must be passed for promotion to Year Two*)

Year Two – 3.0 elective,
1.0 Pathophysiology

Fees: Year One - \$148
Year Two - \$155

This program prepares students for entry-level positions or further schooling in emergency medicine and management of emergencies. Students study a public safety core covering concepts related to all public safety professions, e.g., safety, ethics, telecommunications, terrorist assessment, incident command structures and hazmat awareness training. In the second year they focus on preparing to pass the National Emergency Medical Technician exam. Students study emergency medical technology, search & rescue techniques, and evaluation, treatment and transport of critically ill and injured patients. En route to acquiring Emergency Medical Technician (EMT) certification, students can acquire the following certifications: CPR Oxygen & First Aid, Automated External Defibrillation, Blood borne Pathogens, & EMI Intro to Hazardous Materials 5.A. Prerequisites for admission include a GPA of 2.0 or better and an interview with the instructor.



GHHS MATHEMATICS

See Sample Program of Study pg. 105

Graduation requirement — 4 credits of Math

#303 ALGEBRA I-T	Credit: 1.00	Year
Prerequisite: None	Grade: 9	Fee Charged

This course deals with solving equations, studying graphs, and it supplies the language and patterns of reasoning used in other branches of mathematics. Concepts 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.

#304 GEOMETRY-T	Credit: 1.00	Year
Prerequisite: Algebra I-T	Grade: 10	Fee charged

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.

#306 ALGEBRA II-T	Credit: 1.00	Year
Prerequisite: Geometry-T	Grade: 11	Fee charged

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.

#308 SENIOR MATH TOPICS	Credit: 1.00	Year
Prerequisite: Algebra II-T	Grade: 12	Fee charged

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

GHHS MATHEMATICS

See Sample Program of Study pg. 105

Graduation requirement – 4 credits of Math

#310 ALGEBRA I	Credit: 1.00	Year
Prerequisite: Approval	Grade: 9	*No Fee

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

#320 GEOMETRY	Credit: 1.00	Year
Prerequisite: "C" in Algebra I	Grade: 10	*No Fee

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

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

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

#316 ALGEBRA II	Credit: 1.00	Year
Prerequisite: "C" in Geometry	Grade: 11-12	Fee Charged

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

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

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

MATHEMATICS

See Sample Program of Study pg. 105

Graduation requirement – 4 credits of Math

#328 PRE-CALCULUS **Credit: 1.00** **Year**
Prerequisite: “C” in Algebra II **Grades: 11-12** ***No Fee**

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

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

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

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

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

#336 AP CALCULUS AB **Credit: 1.00** **Year**
Prerequisite: Honors Pre-Calculus **Grades: 12** **Fee Charged***

This course is for high ability students who plan to study mathematics or mathematics related fields in college. This course will be rigorous in preparation for the AP Calculus Test in May. A graphing calculator (preferably a T1-84 Plus) is a requirement for this course. *The charge for the AP test is approximately \$85.00.

#318 PROBABILITY & STATISTICS **Credit: .50** **Semester**
Prerequisite: Alg.II or Pre-Calculus **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 or Pre-Calculus **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.

GHHS MUSIC

See Sample Program of Study pg. 106

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

This is an organization for those whose ability to play a band instrument has been approved by the high school/middle school band director. It consists of rehearsals, marching and playing concert music. **A prerequisite consists of two or three years of study on an instrument.

Mandatory rehearsals for Marching Band begin mid-July, a few weeks before school opens.

Fee for miscellaneous equipment and cleaning is charged each year. Due to limitations of equipment, the total number of percussionists admitted to the course will not exceed thirteen (13). (When necessary, the top 13 drummers will be selected on the basis of an audition.)

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

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

#620 CONCERT CHOIR	Credit: 1.00	Year
Prerequisite: None	Grades: All	Fee charged

Must be able to sing a simple melody in tune and match pitches from the piano. Student must like to sing and have a desire to improve. Students must also perform at two to three required evening concerts per year. The main elements of this course are the study of proper breathing, posture, diction, musicianship and performance.

#640 MUSIC APPRECIATION	Credit: .50	Semester
Prerequisite: None	Grades: All	No Fee

Music Appreciation is a non-performance music course that is geared toward 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 not 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.

GHHS MUSIC

See Sample Program of Study pg. 106

#630 A' Cappella CHOIR

Credit: 1.00

Year

Prerequisite: Audition

***Grades: 10-12**

Fee charged

The A' Cappella Choir is an advanced performing ensemble of select individuals who have developed a high level of choral skills and wish to take choral singing to the next level. The majority of music performed by this ensemble is without instrumental accompaniment. Members perform two to three evening concerts per year and perform at assemblies, contests, and community programs. Students are chosen on the basis of any three or all of the following requirements

1. One year experience in Concert Choir.
2. Ability to match pitch and sing a melody in tune.
3. Some ability to read music.
4. Wide vocal range.
5. Positive attitude and willingness to learn.

*Ninth grade students with exceptional skills are accepted at the recommendation of the director.

#635 MUSIC EXPRESS

Credit: 1.00

Year

Prerequisite: Audition

Grades: All

***Fee charged**

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

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

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



GHHS SCIENCE

See Sample Program of Study pg. 107

Graduation requirement - 3 credits of science.

#340 PHYSICAL SCIENCE

Credit: 1.00

Semester

Prerequisite: None

Grade: 9

Fee charged

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

#363 HONORS PHYSICAL SCIENCE

Credit: 1.00

Year

Prerequisite: Recommendation

Grade: 9

Fee charged

This course provides a solid foundation in basic chemistry and physics while heavily emphasizing the use of mathematic modeling and mathematics as a tool to aid in developing scientific understanding, inquiry, and process skills. Students will develop lab techniques and skills, application of math and reasoning skills that help students to better develop their scientific literacy. This course begins with a look at accuracy, precision and uncertainty. Chemical topics including explorations in matter, atoms in the Periodic Table, chemical reactions, balancing equations, solutions, acids, bases, and salts will be explored. The fundamental principles of physics explored include motion, forces, work, energy, heat, and temperature. The depth of material, additional mathematics analysis and insertions of scientific history and interdisciplinary connections separate the honors from the traditional course.

#360 BIOLOGY

Credit: 1.00

Year

Prerequisite: Physical Science

Grades: 10-12

Fee charged

Biology is the study of the three basic patterns of life; patterns of structure, patterns of function and patterns of change. The course deals with living organisms in all their manifestations. Included may be the dissection of the frog and/or the fetal pig. 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.

#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.

GHHS SCIENCE

See Sample Program of Study pg. 107

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. Students will be required to do an in-depth laboratory and research paper as well as ecology field studies and reports.

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

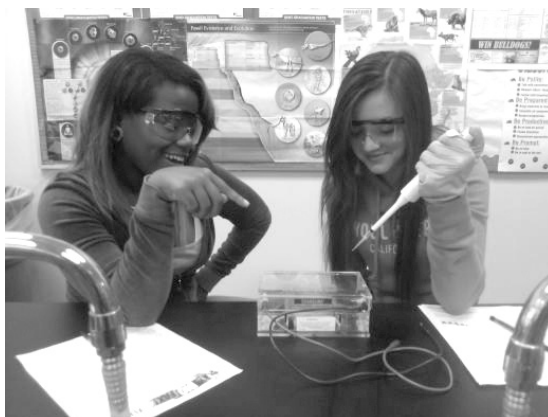
#371 ENVIRONMENTAL SCIENCE	Credit: 1.00	Year
Prerequisite: none	Grades: 11-12	Fee charged

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: H.Bio.**	Grade: 11	Fee charged

**** a minimum grade of a “B” in Honors Biology.**

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. 107

Graduation requirement - 3 credits of science.

#358 ASTRONOMY I	Credit: .50	Semester
Prerequisite: Alg. I & Chem.*	Grades: 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 advance scientific training. The course includes advance biological topics and is a sequel to Biology. Dissections and independent lab work are required. **Must have a minimum "B" average in Chemistry. *This course will prepare students for the AP exam given in May. Cost of this test is approximately \$85.00.

#368 HONORS HUMAN ANATOMY & PHYSIOLOGY	Credit: 1.00	Year
Prerequisite: Bio., Chem., Health*	Grade: 12	Fee charged
* a "C" average in Chemistry is recommended.		

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

GHHS SCIENCE

See Sample Program of Study pg. 107

Graduation requirement - 3 credits of science.

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

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

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

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

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

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

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

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

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

Plant Science is an introductory course which integrates botany, horticulture, 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.

CVCC CAREER FIELD

HEALTH SCIENCE

See Sample Programs of Study pgs. 108 - 109

DENTAL ASSISTING

◆ OHIO COLLEGE TECH PREP

Credit: Year One - 3.0 elective, 1.0 Anatomy & Physiology (Both Dental Assisting and Anatomy & Physiology must be passed for promotion to Year Two.)

Year Two - 4.0 elective

Fees: Year One – \$209
Year Two – \$145

Dental Assisting students learn to assist the dentist in preparing patients and dental materials and by providing chair-side assistance. Coursework includes basic dental laboratory skills, terminology, head and neck anatomy, nutrition, safety and infection control. Students also learn dental office procedures and work with office management software. Graduates are prepared for positions as dental assistants in private, group or specialist practices, as insurance company receptionists and as dental laboratory technicians. Certification exams for Registered Dental Assistant, Radiology, and Cardio-Pulmonary Resuscitation are available. With further education, possible career paths include Expanded Functions Dental Assistant (EFDA), Dental Hygienist and Dentist.

HEALTH CAREERS

◆ OHIO COLLEGE TECH PREP

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 - \$106
Year Two - \$109

Health Careers students learn patient care skills that are utilized in a variety of occupations in the medical field. Students learn basic health care skills, medical laboratory processes, medical secretary procedures, physical therapy techniques and clinical techniques. Additional coursework is provided in anatomy and physiology, medical terminology, nutrition, infection control and legal responsibilities. In Year One, all students take a core curriculum. In Year Two, students have the opportunity to earn their State-Tested Nurse Assisting and/or Phlebotomy certifications. Certifications available: CPR, IC3 Certification, Phlebotomy, and State-Tested Nurse Assistant. Prerequisites for the course include grades of C or better in Algebra I and Biology; a GPA of at least 2.0 is required.



GHHS SOCIAL STUDIES

See Sample Program of Study pg. 110

Three credits of Social Studies are required for graduation taken in the following sequence:

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

#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 AM. 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. 110

Three credits of Social Studies are required for graduation.

#233 HONORS 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.

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

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

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

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

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

GHHS SOCIAL STUDIES

See Sample Program of Study pg. 110

Three credits of Social Studies are required for graduation.

#224 HONORS TOPICS IN U.S. HISTORY

PART A

Credit: .50

Semester

Prerequisite: Application*

Grade: 11-12

Fee Charged

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

#225 HONORS TOPICS IN U.S. HISTORY

PART B

Credit: .50

Semester

Prerequisite: Application*

Grade: 11-12

Fee Charged

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

#240 GOVERNMENT

Credit 1.00

Year

Prerequisite: None

Grade: 11-12

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. 110

Three credits of Social Studies are required for graduation.

#244 HONORS GOVERNMENT	Credit: 1.00	Year
Prerequisite: Application*	Grade: 11-12	Fee charged

For the college-bound student who has an interest in politics. The emphasis is directed toward the United States Federal Government, State Government and Economics. Honors Government students are required to read two outside novels and write an analysis of each. Students interested in this course must be able to complete assignments and projects on time. *Students who apply should be working at the "A" and "B" level in all classes. 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 must have access to the internet to complete online assignments. This course meets all the requirements for the state of Ohio's end-of-course exams.

#278 SOCIAL PSYCHOLOGY	Credit: .50	2nd Semester
Prerequisite: None	Grade: 11-12	Fee charged

This is a systematic study of human behavior, the fundamental needs of man, and individual differences. The student obtains an understanding of his own personal make-up and behavior and that of his fellow man. Some of the topics include perception, growth and development, thinking, motivation, frustration, anxiety, personality, intelligence and personal adjustment. This course will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course meets all the requirements for the state of Ohio's end-of-course exams. **Social Studies Elective.**

The Social Studies program of study currently under review. Changes in course offerings may occur.

ELECTIVE COURSES

#206 SPORTS HISTORY IN AMERICA	Credit: .50	Semester
Prerequisite: None	Grades: 9-12	Fee charged

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

GHHS SOCIAL STUDIES

See Sample Program of Study pg. 110

Three credits of Social Studies are required for graduation.

ELECTIVE COURSES, continued

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

An intensive study of the formal and informal structures of government and the processes of the American political system. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. It also provides preparation for the AP Exam in May. An emphasis is placed on interpreting documents, mastering a significant body of factual information, and writing critical essays. Topics include life and thought in colonial America, revolutionary ideology, constitutional development, Jeffersonian and Jacksonian democracy, nineteenth-century reform movements, and Manifest Destiny. Other topics include the Civil War and Reconstruction, immigration, industrialism, Populism, Progressivism, World War I, the Jazz Age, the Great Depression, the New Deal, World War II, the Cold War, the post-Cold War era, and the United States at the beginning of the twenty-first century. *Students who apply should be working at the "A" and "B" level in all classes, have successfully completed end-of-course in exams, and be able to write a well-constructed essay. **The charge for the AP test is approximately \$85.00.

#241 SOCIOLOGY	Credit: .50	2nd Semester
Prerequisite: None	Grade: 11-12	Fee charged

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

#298 GLOBAL GEOGRAPHY	Credit: .50	2nd Semester
Prerequisite: None	Grade: 12	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

SPECIAL SERVICES PROGRAMS

JOB TRAINING

Credit: 4.0 elective per 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 employment 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 per 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 simulated work and piecework in-house in Transition to Work PM and work at non-paid, community-based training sites in Transition to Work AM. 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 per year

Fees: \$30 each year

Sales & Service is a marketing education program designed to provide students with disabilities with the knowledge, skills, and attitudes necessary to succeed in a service occupation, while developing employability skills and competencies needed in their transition to work. It gives students the right balance of class work and practical applications, and includes both in-house and community-based supervised work experiences. Both sections of this program, Level One (a.m.) and Level Two (p.m.), can be repeated as necessary to meet individual needs. 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 the scheduled periods of the school day and work at an on-the-job assignment for the remainder of the day. Students must be willing to spend five (5) days per week, a minimum of three (3) hours a day, and/or Saturday and Sunday, at their work station. Student must remain employed throughout the school year and show evidence of satisfactory attendance both in the classroom and on-the-job, to receive credit. Students who fail to acquire and maintain a job will be removed from the program and returned to the regular school program. Students must provide their own transportation. A private car is highly desirable. CBIP is a two-year opportunity. It is highly recommended that applicants have credits obtained before applying for the program.

#074 & #076 CBIP II**

Credit: 3.50

Year*

Prerequisite: Permission

Grade: 12

No Fee

*Schedule 2 periods for CBIP class.

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

CVCC CAREER FIELD

CONSTRUCTION TECHNOLOGIES

See Sample Programs of Study pgs. 111 - 114

BUILDING & PROPERTY MAINTENANCE

Credit: 4.0 elective OR 3.0 elective,
1.0 Algebra I or Geometry
(Algebra I or Geometry must be taken at
CVCC or elsewhere.)

Fees: \$75

Students needing more time for skill acquisition acquire entry-level skills in building, grounds and equipment maintenance, as well as basic custodial services. The emphasis is upon the acquisition of employability skills and basic competencies needed for entry-level employment. Skill training includes basic plumbing, carpentry, electricity, HVAC, painting and cleaning, safety on the job, tool use, grounds maintenance and equipment maintenance. Students have the opportunity to acquire OSHA 10-Hour Safety certification. This is a one-year course with the option to return for a second year determined on a case-by-case basis. *Counselor recommendation is required for admission to this program.*

CONSTRUCTION TRADES

◆ OHIO COLLEGE TECH PREP

Credit: Year One - Year One - 4.0 elective OR
3.0 elective, 1.0 Algebra II
OR College Prep Math

Year Two - 4.0 elective OR
3.0 elective, 1.0 Algebra II
OR College Prep Math

Fees: Year One - \$165; Year Two - \$140

Students in this program will be trained in the building, remodeling, maintenance and repair of public or private buildings and homes. During the course of the year, students will build a house. Skills learned include carpentry, wiring, drywall installation, roofing, masonry and integral related skills such as safety, mathematics, blueprint reading, and estimating. Apprenticeship opportunities are available. Students will acquire OSHA 10-Hour Safety certification. This program is accredited by the National Center for Construction Education & Research (NCCER).



CVCC CAREER FIELD

CONSTRUCTION TECHNOLOGIES

See Sample Programs of Study pgs. 111 - 114

ELECTRICAL & ALTERNATIVE ENERGY SYSTEMS

◆ OHIO COLLEGE TECH PREP

Credit: Year One - 3.0 elective
1.0 Environmental Science
Year Two - 4.0 elective

Fees: Year One - \$75; Year Two - \$50

This program provides the fundamentals of installing, servicing, and maintaining electrical wiring systems with a major focus on alternative energy-generating systems, including wind and solar. Student have the opportunity to learn basic electrical skills and to progress to the cutting edge of 21st century technologies. The diversified coursework gives students a strong foundation in electrical systems installation and repair; lighting circuits; transformers; AC and DC motors; motor control circuits; using robots and programmable logic controllers as used in residential, commercial, and industrial applications.

HEATING & AIR CONDITIONING

◆ OHIO COLLEGE TECH PREP CT² CAREER TECHNICAL CREDIT TRANSFER

Credit: Year One - 3.0 elective, 1.0 English 11
Year One - 4.0 elective

Fees: Year One - \$110
Year Two - \$75

This program prepares students to service residential and light commercial heating, ventilating and air conditioning systems. In our state-of-the-art facilities, students will build skills in heating, refrigeration, air conditioning, refrigerant handling, airflow, building science, and combustion analysis. With several pathways 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).

See Sample Program of Study pg. 115

ENGINEERING TECHNOLOGY

◆ **OHIO COLLEGE TECH PREP**

Credit: Year One - 4.0 elective; OR 3.0 elective,
1.0 Algebra II or College
Prep Math, or Pre-Calculus
Year Two - 3.0 elective, 1.0 Advanced
Physics OR 2.0 elective,
1.0 Advanced Physics,
1.0 Algebra II, or College
Prep Math, or Pre-Calculus
*(For promotion to Year Two,
student must have passed
Algebra II in Year One at CVCC
or elsewhere or be enrolled in
Algebra II in Year Two.)*

Fees: Year One - \$75
Year Two - \$50

This program uses the national *Project Lead the Way* curriculum to provide students with a solid base of skills and theoretical knowledge to pursue post-secondary studies in electrical, mechanical, industrial or electronics engineering or engineering technology. The course features a hands-on laboratory in which students work with state-of-the-art equipment to solve real-world problems facing engineers in such areas as manufacturing, robotics and industrial processes. Students will draw on concepts and technology from CAD/CAM, engineering design, electricity/electronics, robotics and more. OSHA 10-Hour Safety certification is available. A course grade of C or better in Algebra I is required for admission, and successful completion of geometry is strongly recommended before taking this course.

CVCC CAREER FIELD

MANUFACTURING TECHNOLOGIES

See Sample Programs of Study pgs. 116 - 117

ARCHITECTURAL & MECHANICAL DESIGN

◆ OHIO COLLEGE TECH PREP CT² CAREER TECHNICAL CREDIT TRANSFER

Credit: Year One - 3.0 elective, 1.0 Algebra II, or College Prep Math, or Pre-Calculus (*Algebra II, College Prep Math, or Pre-Calculus must be taken at CVCC in Year One.*)

Year Two - 4.0 elective per year OR 3.0 elective, , 1.0 College Prep Math or Pre-Calculus (*For promotion to Year Two, student must have passed Algebra II in Year One at CVCC or elsewhere.*)

Fees: Year One - \$115
Year Two - \$75

Students learn the computer applications for preparing detailed drawings used in engineering and manufacturing various products. In the first year students learn the computer applications necessary to produce technical drawings, and architectural and interior designs. In the second year the emphasis is on applying these skills in design projects, using AutoCAD, 3 ds Max, Revit, Solidworks and other design software to design buildings, cars, tools and industrial products. Architectural and product modeling is also an integral part of the design process. This course helps prepare students for an above entry-level position in the industry or college studies in the engineering fields, architecture, landscape design, product/industrial design and interior design. Students can earn the following certifications: NOCTI, Solidworks, AutoCAD, IC³ (Internet & Computing Core Certification), Adobe Certified Associate and OSHA 10-Hour Safety.

MACHINE TECHNOLOGY

◆ OHIO COLLEGE TECH PREP CT² CAREER TECHNICAL CREDIT TRANSFER

Credit: 4.0 elective per year
Fees: Year One - \$50
Year Two - \$50

Machining is the process of building machines to be used in a variety of industries. CNC Programming, fabricating welding, and project design are only a few of the subjects taught in this program. Students will work hands-on with design and construction of many machining projects. Students in this program have excellent opportunities with post-graduate employment and technical education. Students are eligible to take the National Occupational Career Testing Instrument (NOCTI) in the following areas: Machine Technology, Welding, CAM/CAD, and General Manufacturing. Students will also be certified in OSHA 10-Hour Safety.



CVCC CAREER FIELD

TRANSPORTATION SYSTEMS

See Sample Programs of Study pgs. 118 - 120

AUTO BODY REPAIR & REFINISHING

◆ OHIO COLLEGE TECH PREP

Credit: 4.0 elective per year

Fees: Year One - \$160 (Fees include
Year Two - \$135 uniform rental)

This program includes instruction and training for all phases of auto body repair. Basic skills include safety in the workshop, welding techniques, straightening of damaged unibody cars, metal and fiberglass repair, custom painting and automobile refinishing and estimating. This program prepares graduates for an entry-level position in the field of auto body repair and painting. The course is taught by an Automotive Service Excellence (ASE) certified instructor. Students have the opportunity to earn their National Automotive Student Skills Standards Assessment Certifications in the following areas: Painting & Refinishing, Structural Analysis & Damage Repair, Non-structural Analysis & Damage Repair, Mechanical & Electrical. OSHA 10-Hour Safety certification is available.

AUTO SERVICE TECHNOLOGY

◆ OHIO COLLEGE TECH PREP
CT² CAREER TECHNICAL
CREDIT TRANSFER

Credit: Year One - 3.0 elective, 1.0 English 11,
Year Two - 4.0 elective

Fees: Year One - \$115 (Fees include
Year Two - \$140 uniform rental)

This is an ASE/NATEF certified program in which students learn to inspect, diagnose, and repair mechanical and electrical systems in late model automobiles. Students learn to do a complete engine overhaul and to repair all parts of the chassis of an automobile. Units on the alternator,

the starter, and electricity are taught. Second year students learn to use a computer-driven engine analyzer. This program is taught by Automotive Service Excellence (ASE) certified instructors. Students have the opportunity to earn their National Automotive Student Skills Standards Assessment Certifications in the following areas: Suspension & Steering, Brakes, Electrical & Electronic Systems, Engine Performance, Engine Repair, Automatic Transmission/Transaxle, Manual Drive Train & Axles, and Heating & Air Conditioning. Students will also earn their OSHA 10-Hour Safety certifications. After acquiring a required minimum of post-graduation work experience, students can sit for an ASE certification exam.

POWER EQUIPMENT TECHNOLOGY

◆ OHIO COLLEGE TECH PREP

Credit: 4.0 elective per year

Fees: Year One - \$178 (Fees include
Year Two - \$153 uniform rental)

Power Equipment Technology deals with the repairing and maintenance of two-cycle and four-cycle gas and diesel-powered equipment, including all their related systems and running gears such as lighting, batteries, cranking motors, alternators, and generators. All parts of the vehicle, including air and hydraulic brakes, steering systems, transmissions and running gears for recreational vehicles (boats, motorcycles, jet skis, etc.), trucks (semi-trucks, trailers and light duty pick-ups), and construction equipment (bulldozers, excavators, etc.), are included as part of the program. This course is taught by an Automotive Service Excellence (ASE) certified instructor. Students have the opportunity to acquire a number of certifications: Equipment & Engine Training Council's Two-Cycle and Four-Cycle certifications, Stihl VoTech Bronze Level, Towlift Lift Truck Safe Operator and OSHA 10-Hour Safety. After acquiring a required minimum of post-graduation work experience, students can sit for an ASE certification exam.

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
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Biology	World History	PE	Computer Apps II/ Photoshop
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.	Sculpture	Ceramics/ Painting
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geogr.	Multimedia & Web Tools	Advanced Studio Art
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	
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	Govt./ Soc, Psyc, 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: Site 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		
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Business							

CVCC SAMPLE PROGRAM OF STUDY

ARTS & COMMUNICATION- MEDIA TECHNOLOGY

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	Computer Apps II
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.		Media Technology I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geogr.		Media Technology II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN MEDIA ARTS & STUDIES						
College	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Story: Pre-production Methods	Macintosh Basics	Fundamentals of Design and Layout	Intro to Digital Video & 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
3rd Sem.	Survey of Mathematics (or higher)	Applied Integrated Media I	Motion Graphics for Digital Video	Advanced Editing	Advanced Motion Graphics	Digital Cinematography
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
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Business						

GHHS SAMPLE PROGRAM OF STUDY

BUSINESS/COMPUTERS

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.	Accounting I	Multimedia & Web Tools/ Photoshop
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geogr.	Accounting II	Java Programming I&II
SAMPLE CAREER OPTIONS						
Entry Level Sample Career Options		Associate Degree Sample Career Options		Bachelor Degree Sample Career Options		
Bank Teller Cashier Office Assistant		Retail Management Tax Preparer Paralegal Court Reporter Fashion Merchandising		Accountant IT Analyst Hotel/Restaurant Management Insurance Administration Real Estate Management Hospital Management		

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	
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, Psyc, or Geogr.			Medical Administrative Specialist I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography			Medical Administrative Specialist II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.* 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
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Business							

CVCC SAMPLE PROGRAM OF STUDY

MARKETING - MARKETING TECHNOLOGY

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	Computer Apps II/ General Business
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.	Introduction to Art	Business Law/ Economics
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		Marketing (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.B.* DEGREE IN MARKETING						
College	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	College Algebra	Introduction to Microcomputer Applications	Introduction to Business	Principles of Micro- economics	
2nd Sem.	College Composition II	Financial Accounting	Business Communications	Principles of Marketing	Principles of Macro- economics	
3rd Sem.		Introduction to Purchasing	Business Law	Principles of Salesmanship	Principles of Advertising	
4th Sem.		Business Elective	Organizational Marketing	Sales Promotion and Public Relations	Business Strategies	Principles of Management
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Business						

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
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
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.		Computer Networking Academy I (CVCC)
12	English IV	Pre-Calculus	Environmental Physics	Govt./ Soc, Psyc, or Geography		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
1st Sem.	College Composition I	Arts & Humanities / Social & Behavioral Science Elective		Intro to Microcomputer Applications	Intro to PC Maintenance	Information Technology Concepts
2nd Sem.		College Algebra	TCP/IP	Network Fundamentals	Internet Fundamentals	Computer User Support
3rd Sem.	Technical Writing	Arts & Humanities / Social & Behavioral Science Elective		Network Administration I	Network Security Fundamentals	PC Servicing and Troubleshooting
4th Sem.		Arts & Humanities / Social & Behavioral Science Elective	Introduction to Business	Network Administration II	A+ Certification Preparation	Computer System Peripherals
<p>Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Business</p>						Operating System Technologies I
						Operating System Technologies II
						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
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Biology	World History	PE	Computer Apps II/ Multimedia & Web Tools
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	Govt./ Soc, Psyc, or Geography		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
1st Sem.	College Composition I	Arts & Humanities / Social & Behavioral Science Elective	Introduction to Business	Introduction to Microcomputer Applications	Information Technology Concepts	Programming Logic
2nd Sem.	College Composition II	College Algebra	Financial Accounting			Internal Computer Functions
3rd Sem.	Fundamentals of Interpersonal Communication		Elementary Probability & Statistics			Assembly Language Programming
4th Sem.		Arts & Humanities / Social & Behavioral Science Elective			IT Elective	System Analysis and Design
						Application Program Development I
						Application Program Development II
						Application Program Development III

Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2).

*Associate of Applied Business

GHHS SAMPLE PROGRAM OF STUDY

ENGLISH

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	Course	Course
9	Honors English II	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	Honors English III	Geometry	Biology	World History	PE	Creative Writing
11	Honors English IV	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.	Foreign Language I	Newspaper
12	AP English Literature & Composition	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography	Foreign Language II	Video Production
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	

GHHS SAMPLE PROGRAM OF STUDY

FAMILY & CONSUMER SCIENCE

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.	General Business	Food Technology
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography	Economics	Chef's Class I&II
SAMPLE CAREER OPTIONS						
Entry Level Sample Career Options		Associate Degree Sample Career Options			Bachelor Degree Sample Career Options	
Nurse Aide Teacher's Aide Child Care Aide Restaurant Server		Medical Assistant Interior Designer Fashion Design Human Services Aide Chef			Nurse FCS Teacher Nutritionist Psychologist Sports Trainer Social Worker	

CVCC SAMPLE PROGRAM OF STUDY

EDUCATION & TRAINING - TEACHING PROFESSIONS

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES							
Grade	English	Math	Science	Social Studies	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	Foreign Language III
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Government/ Social Psychology			Teaching Professions (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 and 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
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Business							

CVCC SAMPLE PROGRAM OF STUDY

HOSPITALITY & TOURISM - CULINARY ARTS

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	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	Govt./ Soc, Psyc, 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
1st Sem.	College Composition I	Survey of Math (or higher)	Introduction to the Hospitality Industry	Sanitation and Safety	Basic Food Preparation	Customer Service
2nd Sem.	College Composition II	Applied Accounting	Intro To Microcomputer Applications		Advanced Food Preparation	Baking Production and Sales
3rd Sem.	Arts & Humanities / Social & Behavioral Science Elective	Arts & Humanities / Social & Behavioral Science Elective	Hospitality Purchasing	Facilities Design and Maintenance		Hospitality Management and Supervision
4th Sem.	Arts & Humanities / Social & Behavioral Science Elective		Hospitality Cost Control		Advanced Culinary Skills	Restaurant Management Experience
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Business						

CVCC SAMPLE PROGRAM OF STUDY

HOSPITALITY & TOURISM - HOTELS & RESORTS

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES							
Grade	English	Math	Science	Social Studies	Course	Course	
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101	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	Govt./ Soc, Psyc, or Geography			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)	Intro 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 and Supervision
4th Sem.	Arts & Humanities / Social & Behavioral Science Elective	Hospitality Cost Control			Hospitality Marketing and Sales	Convention Management and Meeting Planning	Lodging and Tourism Management Practicum
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2).							
*Associate of Applied Business							

CVCC SAMPLE PROGRAM OF STUDY

HUMAN SERVICES - COSMETOLOGY

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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/ Drawing
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.		General Business/ Business Law
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		Cosmetology I (CVCC)
						Cosmetology II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN ASSOCIATE OF TECHNICAL STUDY DEGREE (OFFICE OPERATIONS MANAGEMENT)						
College	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
3rd Sem.	Arts & Humanities / Social & Behavioral Science Elective					Basic Business Formatting
4th Sem.	Arts & Humanities / Social & Behavioral Science Elective					20 Credits of Technical Study
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

GHHS SAMPLE PROGRAM OF STUDY

FOREIGN LANGUAGE

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

GHHS SAMPLE PROGRAM OF STUDY

HEALTH / PHYSICAL EDUCATION

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

CVCC SAMPLE PROGRAM OF STUDY

LAW & PUBLIC SAFETY - PUBLIC HEALTH & SAFETY

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	Course	Course
9	English I	Algebra I	Earth Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Biology	World History	PE	Introduction to Art/ Basic Athletic Training
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.		Public Health & Safety I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		Public Health & Safety II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN ENVIRONMENTAL, HEALTH & SAFETY TECHNOLOGY						
College	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
4th Sem.	Introduction to Business	ENG 2151 Technical Writing	Solid & Hazardous Waste Management	Field Experience	Professional Practice	Arts & Humanities / Social & Behavioral Science Elective
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

GHHS SAMPLE PROGRAM OF STUDY

MATHEMATICS

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	Course	Course
9	English I	Honors Geometry	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Honors Algebra II	Biology	World History	PE	Introduction to Art/ Computer Apps II
11	English III	Honors Pre-Calculus	Chemistry	Govt./ Soc, Psyc, or Geogr.	Probability & Statistics	Java Programming I
12	English IV	AP Calculus AB	Environmental Physics	Govt./ Soc, Psyc, or Geogr.	Economics	Java Programming II
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
9	English I	Algebra I	Physical Science	American History	Health/PE	Concert Choir
10	English II	Geometry	Biology	World History	PE	Concert Choir
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.	Computer 101/ Introduction to Art	Concert Choir
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geogr.	Jazz Ensemble	Concert Choir
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
9	English I	Algebra I	Honors Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Honors Biology	World History	PE	Introduction to Art
11	English III	Algebra II	Honors Chemistry	Govt./ Soc, Psyc, or Geogr.	General Business	Computer Apps II
12	English IV	Coll. Exam Math/ Prob. & Stats	Physics	Government/ Psychology	AP Biology	Plant Science/ Human Anatomy & Physiology
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	
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	Govt./ Soc, Psyc, or Geography			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
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science							

CVCC SAMPLE PROGRAM OF STUDY

HEALTH SCIENCE - HEALTH CAREERS

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geogr.		Health Careers I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		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
1st Sem.	College Composition I	College Algebra	Intro to Biological Chemistry	General Psychology		
2nd Sem.			Anatomy and Physiology I	Life Span 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 & Hum / Social & Behavioral Science Elective					Health Deviations II
	Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science					

GHHS SAMPLE PROGRAM OF STUDY

SOCIAL STUDIES

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	Honors Government/ 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
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101
10	English II	Geometry	Biology	World History	PE	Introduction to Art
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Building & Property Maintenance (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		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
1st Sem.	College Composition I	Technical Mathematics I		Construction Orientation	Intro to Microcomputer Applications	Engineering Drawing
2nd Sem.	Arts & Hum / 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
4th Sem.	Arts & Hum / Social & Behavioral Science Elective	Accounting/ Bus./ Constr. Electives			Construction Scheduling	Construction Estimating
*Associate of Applied Science						

CVCC SAMPLE PROGRAM OF STUDY

CONSTRUCTION TECHNOLOGIES - CONSTRUCTION TRADES

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	General Business
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Construction Trades I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		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
1st Sem.	College Composition I	Technical Mathematics I		Construction Orientation	Intro to Microcomputer Applications	Engineering Drawing
2nd Sem.	Arts & Hum / 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
4th Sem.	Arts & Hum / Social & Behavioral Science Elective	Accounting/ Bus./ Constr. Electives			Construction Scheduling	Construction Estimating
						Strength of Materials
						Construction Management
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

CVCC SAMPLE PROGRAM OF STUDY

CONSTRUCTION TECHNOLOGIES - ELECTRICAL & ALTERNATIVE ENERGY SYSTEMS

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	General Business
11	English III	Algebra II	Chemistry	Govt./ Soc, Psych, or Geography		Electrical and Alternative Energy Systems I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psych, or Geography		Electrical and Alternative Energy Systems II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN INTEGRATED SYSTEMS MAINTENANCE						
College	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 Communications	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 Wiring	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	
	Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science					

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
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Biology	World History	PE	General Business
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Heating & Air Conditioning I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		Heating & Air Conditioning II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.* DEGREE IN ENVIRONMENTAL SYSTEMS MAINTENANCE						
College	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 Communications	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 Wiring	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	
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

CVCC SAMPLE PROGRAM OF STUDY

ENGINEERING & SCIENCE - ENGINEERING TECHNOLOGY

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	Computer Apps II
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Engineering Technology I (CVCC)
12	English IV	Pre-Calculus		Govt./ Soc, Psyc, or Geography		Engineering Technology II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.* DEGREE IN ELECTRICAL ENGINEERING TECHNOLOGY						
College	Course	Course	Course	Course	Course	Course
1st Sem.	College Composition I	Calculus I		Productivity Tools for Engineers	Digital Circuits/ Microprocessors I	DC Circuits
2nd Sem.	Fundamentals of Interpersonal Communications	Calculus II	Arts & Humanities / Social & Behavioral Science Elective	College Physics I	Digital Circuits/ Microprocessors II	AC Circuits
3rd Sem.	Technical Writing		C Programming	College Physics II	Industrial Electronics I	Electronics I
4th Sem.	Intro to Organizational Psychology	Surface Mount Soldering	Instrumentation and Control	Programmable Logic Controllers	Printed Circuit Layout	Electronics II
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

CVCC SAMPLE PROGRAM OF STUDY

MANUFACTURING TECHNOLOGIES - ARCHITECTURAL & MECHANICAL DESIGN

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES							
Grade	English	Math	Science	Social Studies	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, Psyc, or Geography			Architectural & Mechanical Design I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography			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 & 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.	Fundamental of Products Development	Solid Modeling 3D	Cooperative Field Experience	Arts & Humanities / Social & Behavioral Science Elective	Arts & Humanities / Social & Behavioral Science Elective		
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2).							
*Associate of Applied Science							

CVCC SAMPLE PROGRAM OF STUDY

MANUFACTURING TECHNOLOGIES - MACHINE TECHNOLOGY

REQUIRED ACADEMIC, ELECTIVE AND CAREER TECHNICAL COURSES						
Grade	English	Math	Science	Social Studies	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	General Business
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Machine Trades I (CVCC)
12	English IV	Pre-Calculus	Environmental Physics	Govt./ Soc, Psyc, or Geography		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
1st Sem.	College Composition I	Technical Mathematics I	Technology Orientation	Computer Applications & Programming	Engineering Drawing	AutoCAD 2D
2nd Sem.	Technical Mathematics II	Engineering Materials & 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.	Fundamental of Products Development	MET Elective	MET Elective	Arts & Humanities / Social & Behavioral Science Elective	Arts & Humanities / Social & Behavioral Science Elective	
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

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
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Biology	World History	PE	Computer Apps II/ Photoshop
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Auto Body Repair & Refinishing I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		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
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
3rd Sem.	Arts & Humanities / Social & Behavioral Science Elective					Basic Business Formatting
4th Sem.	Arts & Humanities / Social & Behavioral Science Elective					20 Credits of Technical Study
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

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
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Biology	World History	PE	Computer Apps II
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Auto Service Technology I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		Auto Service Technology II (CVCC)
SAMPLE POST SECONDARY CURRICULUM RESULTING IN A.A.S.* DEGREE IN AUTOMOTIVE TECHNOLOGY						
College	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 Micro- computer 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
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
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						

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
9	English I	Algebra I	Physical Science	American History	Health/PE	Computer 101/ Computer Apps I
10	English II	Geometry	Biology	World History	PE	Computer Apps II
11	English III	Algebra II	Chemistry	Govt./ Soc, Psyc, or Geography		Power Equipment Technology I (CVCC)
12	English IV	Coll. Exam Math/ Prob. & Stats	Environmental Physics	Govt./ Soc, Psyc, or Geography		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
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
3rd Sem.	Arts & Humanities / Social & Behavioral Science Elective					Basic Business Formatting
4th Sem.	Arts & Humanities / Social & Behavioral Science Elective					20 Credits of Technical Study
Courses marked by color indicate opportunity for college credit through articulation, dual enrollment, or credit transferability (CT2). *Associate of Applied Science						



