MARLINGTON HIGH SCHOOL

PROGRAM OF STUDIES

2025 - 2026

Tradition of Excellence: Commitment to the Future

Dear Parents/Guardians:

The primary purpose of this guide is to help your son or daughter make informed decisions about his/her high school curriculum. I truly believe that the high school years have a great deal of impact in determining the future of their lives. I encourage you to join your son/daughter in this very important scheduling process. Your participation can be invaluable as your child works through this planning process.

This guide provides the most current information about graduation requirements, courses and course selection procedures at Marlington High School. The guide has been developed through the diligent efforts of the faculty, school counselors, and administration.

In January of each school year, school counselors will begin meeting with small groups of students to advise them, answer questions and have them select courses.

If you have any questions or concerns about your son's/daughter's course selections, please call his/her counselor. We welcome your input and will make every effort to provide clear answers to your questions.

The tradition of excellence continues at Marlington, and we are pleased that your family is a part of it.

Sincerely,

Michael Farrell
Principal

PRINCIPAL	Mr. Mike Farrell
ASSISTANT PRINCIPAL	Mr. Greg Travis
CAREER TECH COORDINATOR	Mr. Chad Hilliard
ATHLETIC DIRECTOR	
SCHOOL COUNSELORS	Mrs. Meredith Joyce (A-K)
	Mrs. Isabella Arrington (L-Z)

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Mission Statement

In collaboration with staff, community, parents, and students, the Marlington Local School District will: **Develop lifelong learners who understand and apply knowledge, and demonstrate excellence in pursuing the highest standards, both personal and academic.**

To this end, we will consistently engage in the thoughtful assessment of student progress toward meeting high standards with effective intervention to challenge every student.

NON-DISCRIMINATION STATEMENT

Marlington Local Schools do not discriminate in its employment, practices, services, and programs because of race, color, religion, sex, national origin, handicap, or age.

COMMONLY ASKED QUESTIONS

What are the school hours?
The school day begins at 7:40 AM and ends at 2:25 PM.

How many periods are there?
The school day consists of ten periods. Periods five through eight are lunch periods. Class periods are forty-three or fifty-two minutes in length.

Is there a dress code?
YES, please refer to the Student Handbook on the website for dress code.

How often are report cards issued?
Report cards are posted online one week after each nine-week period concludes. The reports are posted in our HAC (Home Access Center). You can find this on our Marlingtonlocal.org site (password is required). HAC also permits parents to monitor a student's progress in each class throughout the year.

What should I do if my son/daughter cannot come to school?
Please contact the attendance secretary at (330) 823-6238. Parental contact is mandatory.

Can my son/daughter leave school for an appointment?
Acceptable reasons for leaving school are (1) doctor's appointment, (2) court appearance, (3) illness,

(4) Emergency, (5) post-secondary appointment (see College Visits). These dismissals must also be verified in writing as well.

Can we take our son/daughter out of school for a "family" vacation?
Yes, as long as the student is traveling with their parents and has prior administrative approval. Vacations are excused absences and count towards a student's total missed days.

What is the size of the student body?
MHS has approximately 620 students.

If I am concerned about my son's/daughter's schedule or grades, who should I contact?
Questions regarding grades of current classes should be directed to the classroom teacher. Scheduling concerns should be directed to your son/daughter's school counselor.

What kind of services does the counseling office provide?
The counselor is available to assist students with scheduling, college and career information, and personal concerns. The relationship the school counselor has with the students at MHS consists of privileged communication unless a "duty to warn" situation arises. ("A duty to warn situation" arises when a student is being harmed or is hurting someone else or him/herself). It is understood that any student is permitted to seek out the school counselor as needed to discuss educational and/or personal concerns. Students may stop in the guidance office to schedule an appointment or email the counselors directly. Emergency appointments are available. There are occasions when teachers, counselors, parents or administrators may also request a student/counselor conference.

REQUIREMENTS FOR GRADUATION

Marlington High School		**State of Ohio**	
ENGLISH	4.00 credits	ENGLISH	4.00 credits
MATHEMATICS [1.]	4.00 credits	MATHEMATICS	4.00 credits
SCIENCE [2]	3.00 credits	SCIENCE	3.00 credits
SOCIAL STUDIES [3]	3.00 credits	SOCIAL STUDIES	3.00 credits
HEALTH	0.50 credits	HEALTH	0.50 credits
PHYSICAL EDUCATION [5]	0.50 credits	PHYSICAL EDUCATION	0.50 credits
FINANCIAL LITERACY	0.50 credits	FINANCIAL LITERACY	0.50 credits
ELECTIVES [6] (1 must be fine art)	5.50 credits	ELECTIVES	5.00 credits
TOTAL CREDITS *	**21.00 CREDITS**	*You must receive instruction in economics and financial literacy and complete at least two semesters of fine arts ** Beginning with students who enter 9th grade after July 1, 2022, students will need ½ credit of financial literacy. ***Your district may require more than 20 credits	

1. Mathematics units must include 1 unit of Algebra I, Geometry, Algebra II and a fourth-year math.
2. Science units must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit advanced study in one or more of the following sciences: chemistry, physics, or other physical science; advanced biology or other life science; astronomy, physical geology, or other earth or space science.
3. Social studies units must include ½ unit of American history and 1 unit of American Government.
4. All students must take .50 credits of Financial Literacy.
5. All students must take .25 credits of PE in person. The other .25 credits may be earned by passing one of the following courses: Physical Education in person or online. Students who have completed at least 2 seasons of a sport, marching band or show choir will receive a PE waiver, exempting them from that requirement. *Athletes must be enrolled in and passing sufficient classes to meet state eligibility requirements or flex credit for a sport or band.
6. Elective units must include one or any combination of foreign language, fine arts, business, career-technical education, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required. All students must

receive instruction in economics and financial literacy during grades 9-12 and must complete at least two semesters of fine arts taken any time in grades 7-12. Students following a career-technical pathway are exempted from the fine arts requirement.

7. All students must carry 5.25 credits per year to follow board policy
8. Seniors who are on track for graduation are able to carry 4.5 credits
9. All athletes must have at least 5.00 full credit classes or its equivalent for each grading period. See your counselor, coach or athletic director for clarification.

GRADUATION HONORS

New Honors Diploma Requirements

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the standard requirements for a diploma for the classes of 2023 and beyond. Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The previous requirements to earn an honors diploma are also available for students in the classes of 2023-2025.

ACADEMIC HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Science	One additional unit Advanced Science
3 Social Studies	One additional unit Social Studies
4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7 Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
8 Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning

*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning.

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT, GPA *or* World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Academic Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Academic Honors diploma.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma)
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

GRADUATING WITH ACADEMIC HONORS

Students must earn a 3.62 cumulative GPA to receive an academic honors recognition at graduation.

SEAL OF BILITERACY

A seal of Biliteracy recognizes graduating seniors who can demonstrate high levels of proficiency in English and at least one other language. To determine student eligibility to earn an Ohio Seal of Biliteracy, the student must meet the following requirements:

1. The student is eligible to earn a high school diploma
2. The student has met one of the English language arts proficiency requirements.
    a. The student has earned a proficient level or higher on Ohio's required state tests for high school English language arts I and II;
    b. or earned a remediation-free score on the English and reading sections of the ACT or SAT;
    c. or earned a proficient level or higher on an Ohio Department of Education-approved alternative assessment (TerraNova or Iowa Test);
    d. or earned a score of proficient or higher on the 9-12 Ohio English Language Proficiency Assessment (OELPA).
3. The student has satisfied one of the foreign language proficiency requirements.
    a. Passed an Advanced Placement (AP) foreign language examination with a score of 4 or higher;
    b. or passed an International Baccalaureate (IB) foreign language examination with a score of 5 or higher on the Higher-Level exam or a score of 6 or higher on the Standard Level exam;
    c. or attained a score of Intermediate High or higher in comprehension, speaking, reading

and writing the foreign language based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines found at actfl.org/;

d. or obtained a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency

*Students must meet with their counselor to initiate the process to be considered for a specialized diploma no later than February of their senior year.

HONORS DIPLOMA FOR CAREER-TECHNICAL EDUCATION

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT, GPA *or* World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each diploma* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Career-Tech Honors Diploma and using the pre-apprenticeship option to replace another requirement for the diploma should have a pre-apprenticeship relevant to their career-tech pathway.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: Three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): Eligible to earn 12 total articulated credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests (void for Career-Tech Honors Diploma)
- Armed Services Vocational Battery: Score of 50
- Work-Based Learning: 250 hours

CAREER TECH HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Career-Tech Coursework	Four units of Career-Tech Courses
3 Career-Tech Proficiency	Earned a cumulative score of proficient or higher on the technical assessments aligned to their program
4 World Languages	Two units of one world language
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT/Workkeys	ACT: Score of 27 or higher, SAT: Score of 1280 or higher Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.
7 Industry-Recognized Seal or Technology Seal	Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal
8 Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal, or Work-Based Learning

STEM HONORS DIPLOMA

New Honors Diploma Requirements

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the standard requirements for a diploma for the classes of 2023 and beyond. Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The previous requirements to earn an honors diploma are also available for students in the classes of 2023-2025.

STEM HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Science	One additional unit Advanced Science
3 Electives	Two units of additional STEM Courses as electives
4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7 Industry-Recognized Credential Seal or Technology Seal	Meet requirements to earn the Industry-Recognized Credential Seal or Technology Seal
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT, GPA *or* World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each diploma* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the STEM Honors diploma and using the work-based learning option to replace another requirement for the diploma should have work-based learning relevant to STEM.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: Three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): Eligible to earn 12 total articulated credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests (void for Career-Tech Honors Diploma)
- Armed Services Vocational Battery: Score of 50
- Work-Based Learning: 250 total hours

NATIONAL HONOR SOCIETY

The National Honor Society is primarily an honorary organization; its purpose is to recognize juniors and seniors for excellence in the four areas of scholarship, character, leadership and service. Eligibility for the National Honor Society requires a 3.2 cumulative grade point average. All who have attained such an average are rated by the faculty on character, leadership and service as a final step in the selection process. A tapping ceremony takes place in the spring before the student body. This ceremony is followed by an evening induction program and reception where parents and friends of the candidates may attend as guests.

BUSINESS HONORS SOCIETY

To qualify for active membership, a student must be a high school junior or senior. The student must have completed or be currently enrolled in his/her third business course. The student must have a minimum standard GPA on a 4.0 scale, as follows: business courses average-3.5; overall average-3.0. Membership in the chapter is attained through a selection process coordinated by the local chapter board. Selection for membership is based on outstanding scholarship, character, leadership, and service. Members are expected to continue to demonstrate these qualities throughout their membership in the society. The selection procedure shall be determined by the local chapter board and shall be consistent with the bylaws of the NBHS.

FRENCH NATIONAL HONOR SOCIETY

The purpose of the **Société Honoraire de Français** (French National Honor Society) is to recognize high achievement in French Courses at the secondary level and to promote growing interest in French studies. Students who show excellence in language ability, awareness and appreciation of francophone cultures, as well as leadership qualities are considered for membership.

Eligibility for SHF requires a 3.3 cumulative grade point average, French GPA 3.0 or higher, two teacher recommendations and current enrollment in French 3, French 4 or French AP.

SPANISH NATIONAL SOCIETY

The **Sociedad Honorária Hispánica** (Spanish Honor Society) is a national organization meant to recognize high achievement in Spanish courses at the secondary level and to promote growing interest in Hispanic Studies. In order to be eligible for this honor society, students must be enrolled in a Spanish III, IV, or V course here at Marlington (associate members may be enrolled in postsecondary courses of Spanish while still in high school), hold a 3.3 or higher cumulative GPA and a Spanish GPA of 3.0 or higher, receive 2 teacher recommendations, and be accepted by the membership committee. The annual induction ceremony is held during the evening in the fall with family and friends present.

COLLEGE BOUND STUDENTS

ALL COLLEGE PREPARATORY STUDENTS SHOULD FOLLOW THE GUIDELINES FOR UNCONDITIONAL ADMISSION AT ANY STATE UNIVERSITY IN OHIO.

4 Credits of English
4 Credits of Math (Alg. 1, Geom., Alg. 2)
1 Credit of Fine or Performing Arts
2 or 3 Credits of Foreign Language
3 Credits of Social Studies
3 Credits of Science
(1 life, 1 physical and at least 1 lab-based)
.50 credit of Financial Literacy

*Senate Bill 55 allows eighth graders to take Algebra 1 and Foreign Language courses (or any high school course) and receive high school credits for graduation purposes. This course **will not** count towards NCAA requirements. Please note that this eighth grade course will be calculated in the student's high school grade point average and class.

The "core curriculum" should be supplemented with electives based on ability and interest. An extensive background in science and math is required for the competitive engineering field. Biology, anatomy/physiology, and chemistry, in addition to others, are important for students interested in the area of health care. Some institutions strongly encourage students to take a unit of math during the senior year. Currently, 10 state universities have a fine arts recommendation or requirement for unconditional admission.

Students with course deficiencies may/will be admitted, but the deficiencies usually must be corrected. The methods by which deficiencies are corrected vary. Often the student is required to take the appropriate (deficient) college level freshman course. Courses taken to correct deficiencies do not usually count toward degree requirements. Some institutions offer "developmental" courses in place of specific course requirements. Academic preparation for private colleges and universities are usually similar to that provided by the "core curriculum" but may depend upon the level of competitiveness.

APPLICATIONS and ADMISSIONS: Application can be obtained online or by writing, calling, or emailing the admissions office of the particular college/university. At times completing the application via the Internet may waive or reduce the application fee. It is very important for the student to follow the directions included with the application. All post-secondary institutions require an official transcript.

OFFICIAL TRANSCRIPT: This requires an official seal mark on the transcript and must be enclosed in a sealed envelope separate from the rest of the application. Included with the transcript would be any additional items that a counselor must complete, such as: counselor

form, counselor recommendation or college prep form.

THE FOLLOWING IS THE PROCESS FOR REQUESTING A TRANSCRIPT:
1. The student must submit an online request for a transcript found on the High School's website under the Guidance tab.
2. The Counseling Secretary will mail transcripts and forms or return to students in a sealed envelope, based on the student's request.

- **Please note the deadline for your applications and allow plenty of time to get them completed.**
- **If you need a recommendation letter from the counselors, please submit a recommendation request found on our website and at least two weeks turn-a-round time.**
- **Early admission, NEOMED, Military Academies, ROTC, and selective majors may require a separate application or an earlier deadline.**
- **Contact your post-secondary institution for appropriate deadlines and specifics.**

The criteria used for college admissions include quality of courses taken, grades, admission test scores, class rank, and in some cases recommendations, activities, and special talents. Recent trends indicate that colleges and universities, which have restrictive criteria for admittance, take a closer look at the courses a student takes, especially during his/her senior year of studies. It is extremely important that students work to the best of their ability from the very beginning of the high school experience.

COLLEGE REPRESENTATIVES: Many different college representatives visit Marlington High School annually. Students may meet with the representative individually or in small groups to receive information.

COLLEGE VISITS: College visitations are considered a field trip. The absence will not count toward total absences and student work must be made up. Juniors are awarded one visitation per year. Seniors are awarded two visitations per year. Additional visits can be approved through administration.

THE FOLLOWING LISTS THE PROCEDURE FOR REQUESTING A COLLEGE VISIT:
1. Students need to tell the attendance secretary about upcoming college visit.
2. Students must bring back a letter from the college indicating their visit.

FINANCIAL AID: Financial aid includes grants, scholarships, loans, and work-study. A "Financial Aid Night" is held each school year in October to discuss the various types of financial aid and the awarding process. All students, family members, or community individuals are welcome to attend. Application for Ohio and Federal grants and aid cannot be completed until

October 1 of the senior year. Materials are available online at www.fafsa.ed.gov after October 1.

SCHOLARSHIPS: Available scholarships are posted on SchooLinks. Students should log into their SchooLinks account, navigate to the finances tab and scholarship matching page. Any scholarships available to graduates will be posted on our website at: http://marlingtonlocal.org

TESTING - COLLEGE ADMISSION: The ACT and SAT college admission tests. A student who will attend a four-year school must complete at least one; some students take both. Many two-year colleges in Ohio may also require the ACT.

- It is encouraged that juniors begin taking their college admission tests, the ACT and SAT I, in the winter and/or spring. **All juniors are required to take the ACT in the spring of their Junior year. It is free of charge at our high school.**
- A student may take their college tests as often as he/she would like. It is beneficial to take them multiple times to increase his/her scores, which aids in acceptance to colleges/universities and helps to secure many types of scholarships.
- Students may pick up information for the ACT and SAT in the guidance office or online at...**www.act.org** **(or) www.collegeboard.com**
- The ACT or SAT should be taken no later than in the fall of a student's senior year. Although most colleges in Ohio will accept results from either test, applicants to state universities in Ohio most often take the ACT.
- Only ACT scores are used in the calculations for the Ohio Academic Scholarship.
- It is very important to contact the school(s) in which the student is interested; schools outside of Ohio may specify the test they require.
- MARLINGTON HIGH SCHOOL COLLEGE CODE (CEEB CODE) is 363-080

ALTERNATIVES TO COLLEGE

Among the alternatives to a four-year college degree are one-year certificates, two-year degrees, technical school programs such as business, art, computers, nuclear medicine or electronics, or military services. Information about these programs can be obtained on the Internet, through the particular institution, in the high school library, and from your school counselor.

CAREER EXPLORATION: Marlington High School partners with the SchooLinks program to provide a one stop shop for college and career preparation. SchooLinks offer real-time reporting and data for jobs by using state readiness indicators and compliance. It has the ability to match

students with industry partners based on the student's career-interests and aligned skill sets. Students are able to log into their SchooLinks account and do career exploration at any point.

COLLEGE CREDIT PLUS PROGRAM

Marlington offers an Associate's Degree Pathway for students who are interested in taking the required CCP courses to complete this degree upon graduation. This is offered as a tool to help guide students to the possible completion of an Associate's Degree. The pathway can be found on Marlington's website. http://www.marlingtonlocal.org/CollegeCreditPlus.aspx

What is College Credit Plus (CCP)?
College Credit Plus was created by the Ohio Legislature to establish a way for qualifying Ohio students in grades 7-12 to earn college and high school credits at the same time. Students have the opportunity to take up to 30 hours per year of combined high school and college courses with no upfront cost to the student. Students can take college courses on the Marlington High School campus, online or on the college or university campus. Responsibility for transportation rests with the student. Many students want to earn college credits but do not want to lose out on their high school experience. Therefore, we continue to identify CCP courses that can be offered on the Marlington High School campus. These are the same courses that are offered on the college or university campus.

Students participating in CCP may pursue one of two enrollment options:
Option A – Eligible students enroll in college courses for college credit only. Students pay for all of the costs associated with their college enrollment, including the cost of tuition/fees, books and materials.
Option B – Eligible students enroll in college courses for both college and high school credit. The school district pays for the cost of tuition/fees and books.
*Students must decide on the option at the time of enrollment, not after.

Students are responsible for the total cost if he/she drops, fails a course or exceeds 30 hrs of coursework. Multiple informational meetings occur. Information is sent out through the Marlington High School Counseling Department. State law requires that an **Intent Letter** be on file at your high school by **April 1st** of your present school year.
Students will not be allowed to take CCP classes without the intent letter by **April 1st.**

The requirements to participate in College Credit Plus classes:

- Take the college placement test, (either ACCUPLACER or ACT), and achieve the

predetermined score as set by the college. The student is required to schedule and take test prior to needed dates.

- Students and parents must complete the intent form (prior to May 1st) which explains that if a student FAILS a class, the student will be required to pay the cost of this class.
- Books for these courses are provided and paid for by the school district however they may require the student to pick the book up from the bookstore at the college where the class is being held. Books must be returned within two weeks of your class ending or a fee will incur.
- Appeals when missing the May 1st deadline: If a student misses the deadline, the student can seek consent from the principal to participate. If the principal does not provide written consent, the student may appeal the principal's decision to the governing entity or the superintendent of

  the school district. The decision of the district superintendent or governing entity shall be final. See Ohio Revised Code 3365.03 for the exact timeline of appeals, decisions, and notifications.

  To be noted: Transportation for off campus courses is the responsibility of the student. For specific questions see your counselor.

  College Tech Prep programs are rigorous programs of study starting at the secondary (high school) level and continuing through the associate degree and beyond. Tech Prep is defined as a program that provides technical preparation in a career field such as engineering, applied science, mechanical, industrial, or practical art or trade, agriculture, health occupations, business or applied economics and must do the following:

- Combine at least two years of secondary and two years of postsecondary education in a sequential course of study without duplication of coursework
- Integrate academic, vocational and technical education, and if appropriate and available, work-based learning
- Provide technical preparation for careers
- Lead to an associate or a baccalaureate degree or postsecondary certificate in a specific career field
- Lead to placement in appropriate employment or further education.

Examples of College Credit Plus Pathways:

15 Credit Hour Pathway

College Course	College Credits	H.S. Requirement	College or University
IDS115 - College and Career Success Skills	3	Elective	Stark State College
ENG124 - College Composition	3	English	Stark State College
PSY121 - General Psychology	3	Social Science	Stark State College
MTH125 - College Algebra	4	Math	Stark State College
MTH130 - Trigonometry	3	Math	Stark State College
Total Possible Credits	16		

30 Credit Hour Pathway - (includes 15 credit hour pathway)

College Course	College Credits	H.S. Requirement	College or University
ENG231 - College Composition II	3	English	Stark State College
SOC121 - Sociology	3	Social Science	Stark State College
MTH124 - Statistics	3	Math	Stark State College
BIO141 - General Biology I	4	Advanced Science	Stark State College
COMM-15000 - Intro to Human Communication	3	Elective	Kent State University
Total Possible Credits	16		

Stark State COLLEGE

Associate of Science Degree offered at Marlington High School
65-66 Total Credit Hours

The HS courses listed are suggestions to pair with the college courses required to earn an Associate's Degree. Please refer to the State of Ohio's required courses for graduation found on our website

Period	Grade 9	
	Fall	Spring

1	***IDS115 College and Career Success Skills 3 cr.***	***ITD122 Comp. Apps. for Professionals 3 cr. (TAG)***
2	Honors English 9	Honors English 9
3	Geometry	Geometry
4	W. History/ Honors W. History	W. History/ Honors W. History
5	Spanish/French I or II	Spanish/French I or II
6	Phys. Ed., Health, or Art	Phys. Ed., Health, or Art
7	Honors Biology	Honors Biology

	Grade 10	
	Fall	**Spring**
1	Honors English 10	Honors English 10
2	Algebra II/ Honors Algebra II	Algebra II/ Honors Algebra II
3	***HIS121 U.S. History I from 1877 3 cr. (TAG)***	***HIS122 U.S. History II from 1877 3 cr. (TAG)***
4	Spanish/French II, III or IV	Spanish/French II, III or IV
5	Phys. Ed.	***COM-15000 Intro to Human Communication 3 cr. (OTM)*** ***or SOC121 Sociology 3 cr. (TAG) - Online***
6	Honors Chemistry	Honors Chemistry
7	*Class of 2026 and beyond is required to take Financial Literacy	Elective Course

	Grade 11	
	Fall	**Spring**
1	***ENG124 College Composition 3 cr. (OTM)***	***ENG231 College Composition II 3 cr. (OTM)***
2	***MTH125 College Algebra 4 cr. (OTM)***	***MTH130 Trigonometry 3 cr. (OTM)***
3	***BIO141 General Biology I 4 cr. (TAG)***	***BIO142 General Biology II 4 cr. (TAG)***
4	Spanish/French III, IV, or HS Elective	Spanish/French III, IV, or HS Elective
5	Physics or Advanced Science Course	Physics or Advanced Science Course
6	***PSC121 U.S. Government and Politics 3 cr. (TAG) - Online***	***BUS221 Microeconomics 3 cr. (TAG) - Online***
7	Elective Course	Elective Course

	Grade 12	
	Fall	**Spring**
1	***PHL122 Ethics 3 cr. (TAG) or HIS222 World Civilization from 17th Century 3 cr. (TAG)- Online***	***ENG237 American Literature: 1865 to Present 3 cr. (TAG)***
2	***MTH124A Statistics 1.5 cr. or MTH223A Analytic Geometry – Calc I 2 cr. (OTM)***	***MTH124B Statistics 1.5 cr. or MTH223B Analytic Geometry – Calc I 2 cr. (OTM)***
3	***CHM141 General Chemistry I 5 cr. (TAG)***	***CHM142 General Chemistry II 5 cr. (TAG)***
4	***PSY121 General Psychology 3 cr. (TAG) - Online***	***SOC225 Diversity in American Society 3 cr. (OTM) - Online***
5	Spanish/French IV or HS Elective ***or KSU Spanish***	Spanish/French IV or HS Elective ***or KSU Spanish***
6	Elective Course	Elective Course

Stark Courses

Students must provide an official transcript from Kent State University for courses taken through that institution prior to being awarded the Associate of Science General degree at Stark State College.

Ohio College Tech Prep Standards:

- Academics are taught at a college-preparatory level
- Algebra 2 must be taken by the completion of high school
- Senior year of math
- Three units of science including at least two lab-based science courses

Articulation is defined as the planned process with the educational system, which facilitates the transition of students between the secondary and postsecondary levels of instruction:

- Students who successfully complete the high school portion of the College Tech Prep program may receive a maximum of 12 advanced standing/articulated credits. In addition, students may also be strongly encouraged to test out of (free of charge) identified courses.
- College credits awarded through the agreement will comprise part of the total credits required for an associate degree. A student who receives credit for a course without taking the course will not receive a grade to calculate into their college GPA for that course.
  Students must earn a "B" or better in the school course to receive articulated credit.

What is an Articulation Agreement?

Articulated Credit is a unique opportunity for students to jump-start their college career in high school. An articulation agreement is a formal document that specifies the process by which a high school student may earn college credit through successful completion of certain high school courses. Generally, the college credit is not awarded until the student is enrolled at the college issuing the articulation agreement and the student pays no tuition for high school courses. More information regarding available articulation agreements can be found at www.ecrctechprep.wordpress.com/bi-lateral-articulated-credits.

College credit can be earned through two methods while participating in a high school College Tech Prep Program: Tech Prep Articulation Agreements and Career Technical Assurance Guides/Career Technical Credit Transfer (CTAG/CT2). Students must successfully complete the program and pass the required "end of program" assessments or meet other specific requirements established by the college in order to be eligible for credit. For more information, visit www.ecrctechprep.wordpress.com/ctag.

GPA AND RANKING GUIDELINES

For graduating class of 2022 and beyond, a five-letter range will be used for all courses including **Honors and CCP**

A	**90-100**	**4.000**
B	**80-89**	**3.000**
C	**70-79**	**2.000**
D	**60-69**	**1.000**
F	**59 ↓**	**0.000**

Please note: As of the 2017-2018 school year, Marlington has moved away from a +/- grading scale. As such, +/- grades will not be granted to students. This means that students that transfer into Marlington High School will receive the corresponding letter grade without a +/- attached. This also means that students that participate in Alliance High School CTE or College Credit Plus courses at the college campus will be given high school credit according to Marlington's new grading scale.

For example, if a student participating in College Credit Plus at the university receives a letter grade of "B-" for a course, Marlington High School will record a letter grade of "B" for the course on their high school transcript. A student's college transcript will still reflect the "B-" grade.

DETERMINING NINE-WEEK GRADE

The grade at the end of a nine-week grading period is based upon formative assessments (i.e., papers, homework, classroom recitations) and summative assessments (i.e., projects, reports, papers, chapter tests, unit test, and the nine-week test)

BEGINNING WITH THE CLASS OF 2022 and beyond

Academic Recognition of Cum Laude Honors Students

Latin Honor Level	***Unweighted GPA*** *(7th semester, cumulative)*	***Additional Requirement***
Summa Cum Laude	4.0	15+ Credits earned in honors/CCP courses **OR**

		4+ credits CTE
Magna Cum Laude	3.75 - 4.0	8+ Credits earned in honors/CCP courses **OR** 4+ credits CTE
Cum Laude	3.5 - 4.0	None

*When calculating honors, Marlington High School will use high school credit not college credit hours. (Example: A 3 credit hour college class is equivalent to 1 high school credit.)

Valedictorian & Salutatorian Recognition

To be honored at graduation as Valedictorian or Salutatorian a student must be enrolled at Marlington High School at the beginning of his/her **freshman** year of high school. Determination will proceed as follows using the 7th semester cumulative grade-point average.

1. Meet the qualifications of Summa Cum Laude, Magna Cum Laude or Cum Laude.
2. Highest Unweighted GPA
3. Highest ACT Comprehensive Score (or SAT equivalent).
    a. The cutoff date for determining the highest ACT (SAT equivalent) score will be the December test.
    b. A copy of the December test scores must be given to your School Counselor by the end of the 1st semester to be considered for Valedictorian or Salutatorian.
4. Highest # of Honors/ CCP courses taken.
5. Total # of HS credits earned.

**If all qualifications result in a tie, co-valedictorians will be recognized. Next ranking student will be honored as salutatorian.*

CLASS RANK/GRADE POINT AVERAGE (GPA): Class rank and GPA are based on accumulated points known as quality points. Quality points are determined by assigning value based on the amount of credit attempted for the grade earned. Class rank and GPA are calculated at the end of each semester. Valedictorian status and Honors Diploma GPA are calculated based on the seventh semester (after first semester of senior year) GPA.

DETERMINING SEMESTER GRADE

The final grade for a semester is determined by multiplying the sum of the 9-weeks grades by 2, adding the exam grade, and then applying the following grading scale.

Grade	Points
A	18 - 20
B	13 - 17
C	8 - 12
D	3 - 7
F	0 - 2

Example:

B for the 1st 9-weeks
C for the 2nd 9-weeks
D for the exam

2 (B + C) + D = Final Grade
2 (3 + 2) + 1 = Final Grade
10 + 1 = Final Grade

Applying the above scale, the final grade is a "C"
Any student who receives a grade of F for both 9-weeks grades in a semester will receive an F regardless of the exam grade.
***If a student misses an exam and does not make it up, he/she will fail the semester**

SCHEDULING PROCESS

Scheduling Procedure
Marlington High School strongly encourages students to carefully choose subjects during the scheduling process in January. Register for the subjects you want and need before the schedule is finalized at the end of the school year. Students are given several weeks to look through the Program of Studies, pathways on the website, ask questions and discuss options with parents, teachers and counselors before making their final selections for the coming year. Every student has a graduation plan shared with the student and their parent on google docs. This graduation plan outlines what the student needs to take to meet graduation requirements and also documents their aspirations after high school. The graduation plan is a working document for the students and parents/guardians to make changes as necessary.

Schedule adjustments will **only** be made **during the first week of each semester** if:

1. A student's schedule does not meet grade level or graduation requirements.
2. A student's schedule does not reflect requested courses (i.e., computer error).
3. A student did not pass a class that is a prerequisite for another class.
4. A teacher, counselor or administrator identifies necessary level changes for a student.

Students who choose to drop a class after the first week into the semester will receive a failing grade and must receive administrator approval before dropping the course. The grade of "WF" (withdraw/fail) will be placed on the transcript at the end of the semester. The final semester grade report will list the class and indicate the failing grade.

SCHEDULE APPEALS

If a student does not agree with the decision of a teacher or counselor, the student may appeal to the principal. The principal shall investigate the challenge, consult with the teacher and counselor and make a final decision.

SCHEDULING AS A STUDENT ATHLETE: Careful consideration should be given to academic (5.25 credits for the year) and athletic (5.0 credit equivalency for the current and preceding grading period) eligibility. **It is the students' responsibility to make sure that he/she is eligible for participation in athletics.**

At the conclusion of a course, all incompletes are to be made up within 2 weeks. If an incomplete is not made up within the allotted time then a grade of F shall be recorded. This also means that no credit will be given for the course.

If a student has to be removed from a course because of some disciplinary action then there shall be no credit given for the course and a grade of "F" shall be recorded.

ALTERNATIVE PROGRAMS AT MHS

FLEX CREDIT: Middle and high school students may earn high school credits using any combination of educational options. Program guidelines may be found on page 55-60.

PE WAIVER:

Students who have participated in interscholastic athletics, marching band, show choir, or cheerleading for at least two (2) full seasons as defined in the Student handbook, while enrolled in grades 9 through 12, and as documented by the guidance counselor, may be excused from the high school physical education requirement. (Policy 5460)

HOME SCHOOLING: The student must contact the Stark County Educational Service Center (330) 492-8136. This individual is no longer considered a MHS student. A MHS diploma will not be issued for home schooling. Graduation certification comes from the State of Ohio.

CREDIT RECOVERY: Marlington primarily uses an online approach to credit recovery. Alternative options may be available with administrative approval. Students use credit recovery program during their study hall times or Academic Assist. [A fee is required: $50.00 per half credit with a family cap of $250 eg. athletic fee structure]

ONLINE COURSES:
Marlington High School has an online digital course program, which offers students the opportunity to take courses that otherwise conflict with their schedule or are not offered. Because the focus is on e-learning, the ability of the student to learn independently is an essential element of the program. Please see your counselor if you are interested in taking an online course.

DUKES DIGITAL ACADEMY: This is a tuition-free online program for grades 6-12. Dukes Digital provides additional curriculum options for personalized learning opportunities. The highly qualified staff is committed to offering ALL students the best education experiences possible. A student/parent must meet with the school counselor and administrator if they are interested in the Dukes Digital Program. Acceptance into the program is based on attendance records, previous grades, behavior records and approval of administration.

EDUCATIONAL ISSUES

ATHLETIC ELIGIBILITY: Athletic eligibility for a student-athlete is determined by the amount of classes (must **pass** 5.0 credits each grading period) from the preceding nine-week grading period. The Marlington Local Schools comply with state mandates for participation in athletics. Students must pass 5.00 credits per grading period. The student-athlete must not have turned 19 prior to August 1 to play that school year. It is the student's responsibility to make sure that they are enrolled in enough courses to be eligible for participation in athletics.

COURSE FEES: The Board of Education will cover all core class course fees. Student's/parents will be responsible for the payment of course fees in non-core classes. - please refer to course descriptions. In case of financial hardship, contact the School Treasurer or Building Principal.

EARLY GRADUATION: Application can be sent electronically to the student and parent upon request. A meeting will then be scheduled with the principal, counselor, student and family after

final approval from the Superintendent. The principal may honor this request if all conditions for graduation are met and the student fulfills the graduation requirements.
The student may participate in the graduation ceremonies. Deadline to apply for early graduation is the last day of the student's sophomore year.

FAILED COURSES: Failed courses that are requirements for graduation, need to be retaken, or taken in credit recovery, during summer school, or at an approved alternate school. Freshman and Sophomores are required to take summer school if they failed any semester of their core classes (i.e. English, Math, Science and/or Social Studies)

FINANCIAL OBLIGATIONS: At the conclusion of a student's senior year, report cards and transcripts may be held and notices will be sent informing students and parents of the amount of unmet obligations. Seniors will not be permitted to participate in the graduation ceremonies or receive an official transcript until all financial obligations are met. Senior diplomas will be available for pick up in the Guidance office.

INTERVENTION: Students who receive special services may be scheduled into an intervention period. This is a time for students to work on their specialized goals.

SUMMA CUM LAUDE AND MAGNA CUM LAUDE:
Beginning with the graduating Class of 2022, high achieving students will be honored by the designation of Summa Cum Laude, Magna Cum Laude and Cum Laude.

NCAA CLEARINGHOUSE/COLLEGE DIVISION I OR II:
In order to practice, compete, and receive scholarships at NCAA institutions, students must be certified by the NCAA Clearinghouse. At the beginning of the junior year, and should complete registration at www.eligbilitycenter.org. At the end of the junior year, an official transcript should be sent to the Eligibility Center. The NCAA Clearinghouse will only evaluate a student's application two times.

For more information please visit www.eligilbilitycenter.org (School code is 363-080).

TESTING

The following tests are offered at Marlington High School. We use these tests in conjunction with career exploration.

The **Accuplacer** is an integrated system of computer-adaptive assessments designed to

evaluate students' skills in reading, writing, and mathematics. For over 30 years, ACCUPLACER has been used successfully to assess student preparedness for introductory credit-bearing college courses. ACCUPLACER delivers immediate and precise results, offering both placement and diagnostic tests, to support intervention and help answer the challenges of accurate placement and remediation.

The **WorkKeys** assessments are developed to solve actual workplace problems. Unlike other assessments, they don't simply give an indication of reading and writing competency. Instead, they measure a range of hard and soft skills relevant to any occupation, at any level, and across industries.

The **PACT** is a practice ACT assessment that can be used to predict how a student will perform on the ACT. The ACT is the test that is used by most area universities as the entrance exam. This test is recommended for college-bound freshman and sophomore students. (Fee required)

The **ASVAB** (Armed Services Vocational Aptitude Battery) is a national aptitude assessment used to determine what future path students are best suited for. Though it is created and sponsored by the armed forces, the ASVAB is not just for students who want to enter the military after school. ASVAB results can help students know what they are good at and can thereby be an excellent resource to determine a proper path after high school. (No fee required) Available for 10th-12th grade.

COURSE OFFERINGS

BASED ON ENROLLMENT, TEACHER AVAILABILITY, ETC. NOT ALL COURSES LISTED WILL BE OFFERED EVERY YEAR. COURSES OFFERED IN THE 2024-2025 SCHOOL YEAR WILL BE HIGHLIGHTED ORANGE.

ART

PAINTING - .50 (1/2) Credit/Semester Course
Painting is an introductory level course. Students will be exposed to working with watercolors and acrylic paints as well as experimental painting techniques. Students in Painting will be introduced to a full range of painting processes with multiple projects and assignments throughout the semester to help with skill building.

DRAWING - .50 (1/2) Credit/Semester Course

Drawing is an introductory level course. Students will be exposed to working with graphite, charcoal, and colored drawing media as well as experimental drawing techniques. Students in Drawing will be expected to complete multiple skill-building exercises and projects to achieve a firm foundation in 2D art.

SCULPTURE - .50 (1/2) Credit/Semester Course
Sculpture is an introductory level course. Students will be exposed to working with a variety of three-dimensional building materials as well as experimental art techniques. Students in sculpture will be expected to complete multiple skill-building exercises and projects to achieve a firm foundation in sculpture art.

JEWELRY MAKING - .50 (1/2) Credit/Semester Course
Students will learn about the history of jewelry, metalworking processes, fabrication techniques, design fundamentals, equipment use, and finishing techniques. Through three-dimensional design, students will develop an understanding of the elements and principles of art and design. This course includes classroom and studio instruction, where students frequently create their own jewelry pieces. Students will learn within a new format to articulate their creative ideas and synthesize the concepts and processes historically and contextually.

DIGITAL MEDIA/PHOTOGRAPHY - .50 (1/2) Credit/Semester Course
Requirements: A working Digital camera with USB cord.
The class begins with a survey with the history of photography from the invention of Photography through digital imagery. Activities include digital manipulation of student- generated images using Adobe Photoshop Elements. Again, students will be required to have a recent working digital camera and USB cord to utilize. The school will not provide cameras. Students will learn how to import files, refine images and work with the most updated photography programs currently being utilized at the professional level. As a culminating activity, students will produce a slide show of their work, and have a portfolio of their class work to display. Lab fee and camera are required.

ART 2 - .50 (1/2) Credit/Semester Course
Prerequisite: Successful completion of at least two of the following: Painting 1, Drawing 1, and Sculpture 1
Art II is an advanced level art course open to students who display a serious interest in art. Emphasis will be on reinforcement of skills presented in the entry-level courses. Skill building techniques and multimedia exploration will be stressed as well as self-expression. Art criticism will be introduced and used as a learning tool.

HONORS ART 3 - .50 (1/2) Credit/Semester Course

Prerequisite: Successful completion of entry level art courses, art II and teacher recommendation.
This course is open to students in grades 10-12 after the completion of Art II. Art III will focus on two- dimensional and three- dimensional work and will stress furthering knowledge of composition, personal voice, and meaning through art. Students will work with 2D and 3D materials in this course. Independent art criticism is being strengthened within the creative process.

HONORS ART 4 - .50 (1/2) Credit/Semester Course
Prerequisite: Successful completion of one previous semester of Art III
This course is being offered to students who express a serious interest in continuing their education and focus in the instruction of art. Working in the classroom as a self-sufficient artist, students will contract with the teacher to complete a series of projects structured around creative insightful and meaningful concepts. In most cases, the choice of material will be the students. Aesthetics will be stressed. Students will be required to explore their own area of interest. A requirement for this course is a strong interest in art and a self-motivated attitude. By this stage, students are independently using art criticism to improve their own skills.

BUSINESS EDUCATION

ACCOUNTING - .50 (1/2) Credit/Semester Course
Prerequisite: 10th, 11th, or 12th grade level.
Accounting is extremely valuable as a building block for many careers. After the first semester you will have mastered the basic bookkeeping skills to manage a small business. To be successful in this course the student must have the desire to learn each day, the ability to understand the concepts, and a basic understanding of number relationships. There is a lab fee.

ENTREPRENEURSHIP - .50 (1/2) Credit/Semester Course
Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing brand, setting prices, promoting products, and managing customer relationships will be emphasized.

GENERAL BUSINESS - 1 Credit/Year Course 10th, 11th or 12th grade level
This course introduces students to the specializations offered in Business and Administrative Services. Students will obtain fundamental knowledge and skills in general management,

human resources management, operations management, business informatics and office management. They will acquire knowledge of business operations, business relationships, resource management, process management and financial principles. Students will use technological tools and applications to develop business insights. (This course is a prerequisite to the Human Resource Management & Entrepreneurship Course)

HONORS HUMAN RESOURCE MANAGEMENT AND STRATEGIC ENTREPRENEURSHIP – 2 Credits/ 1 Year Program and (College Credit Option) through Stark State. Prerequisite: 11th or 12th grade level along with taking one (or both) of the following year long business courses (Principles of Management & General Business). Students will complete a Human Resource Management course and an Entrepreneurship course (CCP Credit through Stark State) as well as participate in Junior Achievement Company Program. JA Company Program unlocks the innate ability in high school students to fill a need or solve a problem in their community by launching a business venture and unleashing their entrepreneurial spirit. During this program, students are responsible for starting, running, and then liquidating their business during the school year. Once the company is liquidated, the students have the option to keep the money the company made during the year. Articulation credits are possible through Stark State College.

LEADERSHIP – .50 (1/2) Credit/Year Course 11th or 12th grade level
Students will use communication and leadership skills to become effective leaders. Students will learn how to conduct research and present their results using different forms of multimedia. Students will learn the importance of team building and how one's actions can affect the whole group. Students will promote diversity in their leadership skills and foster positive working relationships among their peers.
*This course is not an NCAA approved core course.

MANAGEMENT PRINCIPLES - 1 Credit/Year Course 10th, 11th or 12th grade level
Students will apply management and motivation theories to plan, organize and direct staff toward goal achievement. They will learn to manage a workforce, lead change, and build relationships with employees and customers. Students will use technology to analyze the internal and external business environment, determine trends impacting business, and examine risks threatening organizational success. Ethical challenges, project management and strategic planning will also be addressed. (This course is a prerequisite to the Human Resource Management & Entrepreneurship Course)

HONORS MICROECONOMICS .50 (1/2) Credit / Semester Course (College Credit Plus Option)
Microeconomics provides students with an in-depth study of microeconomic concepts and

principles such as supply and demand, price elasticity, production costs, different market structures, income distribution, marginal analysis, and other issues relating to global economics. Upon completion of this course, students should be able to demonstrate an understanding of these topics and be able to apply them to business.

SPORTS AND ENTERTAINMENT MARKETING - .50 (1/2) Credit/Semester Course

This course will consist of all the essential marketing concepts and will be covered using examples from the sports and entertainment field. Product/Service Management, Promotion, Selling, Pricing, Marketing Information Management, and Distribution will be discussed by integrating technology and "real life" situations. Students will get to understand how they are influenced by marketing in their lives and how the sports and entertainment industries get their "messages" to their target audiences.

COLLEGE SUCCESS SKILLS CCP- College Credit/ Semester Course

This course is designed to aid students in gaining success skills needed for constructive and efficient learning both in college and other life settings. Topics include punctuality and discipline, study and test-taking skills, critical thinking/problem solving, library use, and a variety of techniques in oral and written communication. Other workplace topics such as reliability, teamwork and collaboration, creativity/innovation, leadership, professionalism, techniques to demonstrate a commitment to being drug-free, and respect for global/intercultural awareness will be explored. Students will also self-advocate and articulate their strengths, knowledge, and experiences relevant to success in a job for post-secondary education.

CAREER BASED INTERVENTION

(Work Experience)

CAREER BASED INTERVENTION (CBI 9-10) - 3 Credits/Year Course

Prerequisite: Counselor's recommendation

The CBI program is a vocational program designed for freshmen and sophomore students. The student will have an opportunity to receive three (3) credits: English, CBI Related (employability skills), CBI Lab (work experience). The primary goal of this program is to explore and select a career from the vocational field.

CAREER BASED INTERVENTION (CBI 11-12) - 4 Credits/Year Course

The CBI Program is designed for junior or senior students. The student receives work experience in an employing establishment and occupational job-related instruction in the school. The makeup of the class is such that many different semi-skilled or operator-level occupations

may offer work experience to students. The major objective is to develop, through work experience, the necessary attitudes, skills and abilities which will enable the student to become gainfully employed in occupations having limited skill requirements. The on-the-job experiences in actual occupational activities are supervised by the CBI Teacher. A counselor's recommendation is required. Students must have a job. Beyond three weeks of unemployment, the student may be removed from the program.

COMPUTER EDUCATION

SOFTWARE AND WEB DESIGN I & II - 4 Credits/ 2 -Year Program
Prerequisite: 11th or 12th grade level

In the first year, students will learn the basics of building simple interactive applications along with the basic units of logic: sequence, selection, and loop. Students will apply algorithmic solutions to problem-domain scenarios and gain experience in using commercial and open source languages, programs, and applications. Students will learn to represent programming concepts as "objects" that have data fields and associated procedures known as methods. A variety of commercial and open source programs and applications will be used.

In the second year, students will advance their understanding of web development and interactive application development.

Junior Year Courses: Programming and Object Oriented Programming

Senior Year Courses: Web Design and Interactive Application Development

COMPUTER SCIENCE - .50 (1/2) Credit/Semester
Students develop an understanding of how computing is used to solve problems and enable innovation across fields and how these solutions can impact society. Students explore using computational thinking skills and tools to solve problems and create artifacts. Effective communication and collaboration skills are developed as students work individually and in group explorations.

INFORMATION TECHNOLOGY -1 Credit/ Year Course
This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.

COMPUTER SOFTWARE -1 Credit/ Year Course

Students will apply knowledge and skills of commercial and open source operating systems in portable, stand alone, and networked devices. Students will install a variety of operating systems manually and using remote assistance. They will learn to configure, modify, and troubleshoot operating systems. Desktop virtualization, system security, and operating system history will be addressed.

COMPUTER HARDWARE -1 Credit/ Year Course

Students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication skills and professionalism in troubleshooting situations will be emphasized.

COMPUTER AND MOBILE APP DEVELOPMENT -1 Credit/ Year Course

Students will learn to create applications for mobile devices using a variety of commercial and open source software. They will install these applications, modify them, and develop customer service skills to handle user issues. Knowledge and skills related to customer service in professional offices, small businesses, departments, work groups, and corporate information services will be addressed.

CYBERSECURITY -1 Credit/ Year Course

Students will learn the components of cybersecurity and the role each plays in preventing, detecting and mitigating vulnerabilities and attacks. Components include the security of the network infrastructure, security of the systems, and the prevention, detection, and mitigation of common vulnerabilities and attacks. Throughout this course, students will examine and implement security safeguards for desktop, network, and application security.

HONORS COMPUTER TECHNOLOGY APPLICATIONS - (College Credit Plus Option)- .50 (1/2) Credit/Semester Course

Prerequisite: 11th or 12th grade level or teacher recommendation.

This course describes the components and peripherals of a computer/PC and how they function and communicate as a system. Principle topics covered are the Windows operating system, internet applications, MS- DOS, the Windows networking environment and a variety of software application packages used to solve scientific, business and engineering technology problems. Access to a PC and Microsoft Office software outside of class is suggested. College credit through Stark State is offered for successful completion of the course.

HONORS GAME DESIGN - (College Credit Plus Option) - .50 (1/2) Credit/Semester Course

This course studies categories of video games, design principles related to different processing platforms, current animation techniques, and current software packages available for creation of video games are all major topics. The focus of this course is to familiarize the student with design technologies and software available to implement animation used for video games. The student will gain an overall view of the gaming industry.

ENGINEERING

ENGINEERING I & II - 4 Credits/ 2 -Year Program

Prerequisite: 11th or 12th grade level

Engineering I:

In Introduction to Engineering *(with CCP option)* students will apply engineering processes to solve multiple design challenges. They will learn to present their designs in multiple ways from sketching to using state of the art 3D computer modeling to design and create their projects with tools like laser cutters and 3D printers. Students will also cover topics like reverse engineering, product creation, and a long-distance design project with students in another school.

In Principles of Engineering students will have the chance to explore a variety of topics and learn by creating hands-on projects. We will cover simple machines, and gears, then design compound machines. Robotic design control will be introduced in connection with electrical laws and programming concepts. The second part of the class covers structures and material where students learn to design buildings and bridges. Students also have the possibility to earn college credit for this course.

Engineering II:

In Aerospace Engineering students will learn about the science and technology of flight. Through hands-on activities they will use problem solving to design, build and test vehicles such as airplanes, gliders, balloons, and helicopters. They will use the Kerbal Space Program and Flight Simulators to plan, simulate and fly air and space missions. Other topics will include propulsion, airframes, structures, and control systems.

In the Capstone course students will solve a real-world problem of their choosing by creating a new invention. Throughout the year students will design, build, and test their solution. The projects on which students work can vary greatly depending on the student's interest, but the focus remains on problem solving, and creativity.

Junior Year Courses: Introduction to Engineering and Principles of Engineering

Senior Year Courses: Aerospace Engineering and Engineering Capstone

STEM FALL- .50 Credit/ Semester
Prerequisites: Completed or currently enrolled in Algebra. Scheduling preference is given to Freshmen and Sophomores.

In this class students will be introduced to the ideas and tools of engineering and technology. We will learn to apply engineering concepts like buoyancy and motion to create boats and self-powered vehicles. Students will learn how to use basic tools and make their own projects like trebuchets. We will also do some beginner programming and make video games. Students are welcome to take both STEM 1 and STEM 2 in the same year but it is not required.

STEM SPRING - .50 Credit/ Semester
Prerequisites: Completed or currently enrolled in Algebra. Scheduling preference is given to Freshmen and Sophomores.

Students will learn about the fields of technology and engineering through a diverse range of projects such as rocket building. We will also learn to incorporate electricity and motors into our designs. The course will also explore concepts of architecture as students design and build a model house. The course culminates in the class designing and constructing a putt-putt golf course. Students are welcome to take both STEM 1 and STEM 2 in the same year but it is not a prerequisite.

INTRODUCTION TO ENGINEERING DESIGN (IED) - 1 Credit/Year Course
Prerequisites: Honors Algebra; OR Algebra; OR Instructor Permission
It is for students interested in careers in engineering, design, math or science. Students will apply engineering processes to solve multiple design challenges. They will learn to present their designs in multiple ways from sketching to using state of the art 3D computer modeling to design and create their projects with tools like laser cutters and 3D printers. Students will also cover topics like reverse engineering, product creation, and a long-distance design project with students in another school.

HONORS PRINCIPLES OF ENGINEERING (POE) - 1 Credit/Year Course
Prerequisites: After IED; OR with IED if in 10th, 11th, 12th Grade; OR Instructor Permission
Students will apply the concepts they learn to classroom problem solving activities in the fields of simple machines, gears, thermodynamics, motion, and energy. Robotic design and control will be introduced in connection with electrical laws and programming concepts. Students will learn about designing structures and the strengths of materials. Based on end of year assessment scores the student may earn the opportunity to apply for college credit.

HONORS DIGITAL ELECTRONIC (DE) - 1 Credit/Year Course
Prerequisites: POE; OR Instructor Permission
From cell phones to refrigerators to laptop computers, digital circuits make the modern world

work. This course provides a foundation for students who are interested in engineering, computers, robots, or electrical design. Students will study topics such as combinational and sequential logic and will learn to use circuit design software, as well as hands on projects to explore the use of logic gates, integrated circuits, and programmable logic devices. This is the third engineering class in the sequence. Based on end of year assessment scores the student may earn the opportunity to apply for college credit.

INTRODUCTION TO AEROSPACE - 1 Credit/ Year

In this class students will learn about the science and technology of flight. Through hands-on activities they will use problem solving to design, build and test vehicles such as airplanes, gliders, rockets, and helicopters. They will use the Kerbal Space Program to plan, simulate and fly air and space missions. Other topics will include propulsion, airframes, structures, and control.

HONORS ENGINEERING DESIGN AND DEVELOPMENT (EDD)- 1 Credit/Year Course

Prerequisites: Digital Electronics (Or Concurrent); OR Instructor Permission

Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. Students will design and develop an original engineering solution to a real-world problem of their choosing. Throughout the year students will design, build, and test their solution. The projects on which students work can vary greatly depending on the student's interest, but the focus remains on problem solving, and creativity. Based on end of year assessment scores the student may earn the opportunity to apply for college credit.

ROBOTICS- 1 Credit/Year Course

Prerequisites: POE; OR Instructor Permission

The first part of the class is spent learning C, an industry standard programming language. Next you transition into Interactive C which is used with robotic controllers. Building and programming robots will take place during the following stage of the class. Students will learn to use motors sensors, robot design, and programming to create robots to solve a variety of challenges. Class time will often be used for open lab where teams will work on their programs and robots. The class will also explore some issues such as robotics in literature and media, and their impact on society.

ENGINEERING FOR INVENTION - 1 Credit/Year Course

Prerequisites: After IED; OR With POE; OR Instructor Permission

This class provides hands-on experience in bringing design and creation together. Students will learn both the software and concepts of designing products as well as how to actually make their creations. Students will be introduced to new digital methods of production like 3D printers, CNC controlled vinyl cutters, and laser engravers. Students will work with metal,

plastics, micro-controllers, wood, fabric, electronics, and other materials to create projects. Students will also learn to use a variety of software.

FOOD SCIENCES

INTRODUCTION TO FAMILY AND CONSUMER SCIENCES- 1 Credit/Year Course
This course will provide students with an overview of the four major content areas of Family and Consumer Sciences. Students will be introduced to child development, family relationship concepts and how they relate to family dynamics. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills.

PRINCIPLES OF NUTRITION AND SCIENCE- 1 Credit/Year Course
In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

GLOBAL FOODS- 1 Credit/Year Course
In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

FOOD SCIENCE- 1 Credit/Year Course
In this course, students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situations. Food safety and sanitation techniques will align to industry-recognized certifications.

WORLD LANGUAGE

While completion of a world language course is not a graduation requirement, four-year colleges and universities recommend at least two years of the same world language.

FRENCH/SPANISH LEVEL I - 1 Credit/Year Course

The four basic language skills of listening, speaking, reading, and writing are introduced at Level I of the foreign language with early emphasis on listening and speaking skills. A variety of audio-visual materials enhance the learning of useful vocabulary and phrases, which help the student to achieve communicative competence. Cultural readings/videos develop cultural awareness and understanding of daily life in a foreign country. Purchase of a workbook or novel may be required.

FRENCH/SPANISH LEVEL 2 - 1 Credit/Year Course

Level II is a continuation of skill development that began in Level 1. A smooth transition from Level 1 to Level 2 is provided through the use of the same audio-visual and supplementary programs which were used in Level I. Communication in the world language is stressed. Reading and writing skills are further developed through textbook and workbook activities as well as original student creations such as skits, stories, or compositions. Purchase of a workbook or novel may be required.

HONORS FRENCH/SPANISH LEVEL 3 & 4 - 1 Credit/Year Course

Prerequisite: C average in Level 2 for both 1st Semester and 2nd Semester

Refinement of the four language skills that began in Level 1 and enhanced in Level 2 is the major emphasis of Level 3/4 of world language study. Group activities allow students to develop their conversational ability and to speak daily in the world language. Higher-level language skills are emphasized in the study of the more complicated grammatical structures of the world language. The third level of study acquires a genuine appreciation and understanding of the foreign culture. A variety of cultural, conversational, grammatical, literary texts and authentic materials are used. Purchase of a workbook or novel may be required.

HONORS FRENCH CCP - 1 Credit/Year Course (College Credit Plus ONLY)

Prerequisite: French III and acceptance into CCP by their eligibility standards

This class will focus on expanding and perfecting listening, speaking, reading and writing skills and in further development of cultural awareness. We will have informal conversations in French and more challenging written assignments. Reading comprehension is more challenging with the study of literary and informational texts. Individual projects will revolve around cultural themes. The class will be following the syllabi from KSU.

HONORS SPANISH CCP- 1 Credit/Year Course (College Credit Plus ONLY)

Prerequisite: Spanish III and acceptance into CCP by their eligibility standards

This class will focus on expanding and perfecting listening, speaking, reading and writing skills and in further development of cultural awareness. We will have informal conversations in Spanish and more challenging written assignments. Reading comprehension is more

challenging with the study of literary and informational texts. Individual projects will revolve around cultural themes. The class will be following the syllabi from KSU.

HONORS SPANISH LEVEL 5 - 1 Credit/Year Course
Prerequisite: Honors Spanish 4
This class will be based on gaining more historical and contemporary cultural knowledge. The course will take us through South America, Central America, Mexico and the US focusing on the culture found within the countries and also immigration. This class will be taught 100% in Spanish and it is expected that students will also remain in the target language 100% of the time. Purchase of a workbook or novel may be required.

HONORS FRENCH LEVEL 5 - 1 Credit/Year Course
This class will be based on gaining more historical and contemporary cultural knowledge. The class will include history and literature/films of the francophone world. Topics will include the important holidays and celebrations within the cultures, a focus on communication specific to each country/region, and speaking with/among the natives. This class will be taught 100% in French and it is expected that students will also remain in the target language 100% of the time. Purchase of a workbook or novel may be required.

AMERICAN SIGN LANGUAGE I - 1 Credit/Year Course
Introduces students to the language and culture of Deaf people in the United States. The course will focus on specific language and cultural behaviors, as well as introduce students to the grammar of ASL. Both expressive and receptive skills of students will be the focus of the course, with a major emphasis placed on receptive skills. Students will participate extensively in interactive classroom activities.

AMERICAN SIGN LANGUAGE II - 1 Credit/Year Course
Students continue the teaching of ASL, moving from signing concrete concepts to abstract concepts. Additional vocabulary, grammar and culture is covered to build on the core knowledge of the language. Both expressive and receptive skills of students will be the focus of the course, with an equal emphasis. Students will participate extensively in interactive classroom activities using the “Voices Off” Policy to ensure ASL immersion.

AMERICAN SIGN LANGUAGE III - 1 Credit/Year Course
This course is designed to further the development of created and planned language usage which is cultivated through contextualized discourse exercises between student-teacher, student-student and teacher narratives. Deaf cultural topics are included in each unit, to provide context for vocabulary units and to expand cultural perspectives and understandings.

HEALTH AND PHYSICAL EDUCATION

OUTDOOR ADVENTURE CLASS - .25 (1/2) Credit/Semester
This course is intended to provide an overview of indoor and outdoor pursuits and adventure education. Physically demanding activities are required.

HEALTH - .50 (1/2) Credit/Semester
Your basic health information is covered throughout this course. The main topic areas include: mental health, nutrition, fitness/exercise, alcohol, tobacco, drugs, first aid/safety, adult CPR, human sexuality, and personal hygiene/appearance. This course stresses the importance of physical, mental, and social benefits of practicing good health habits. The aim of the course is to develop an awareness of the control, which one can develop over his or her own welfare. This will be accomplished through lecture, notes, projects, debates, hands on activities, scenarios, and speakers.

PHYSICAL EDUCATION - .25 (1/4) Credit/Semester Course
An appreciation for high school sports through attention to rules, fundamentals, and participation are taught. Physical fitness and hygiene are emphasized along with participation in activities, which teach individual and team skills for carry-over into adult life.

EXERCISE & CONDITIONING - .25 (1/4) Credit/Semester Course
Prerequisite: 10th grade or higher, freshmen excluded.
Exercise and conditioning is an advanced course in physical education. The main emphasis is on weight training to develop muscular strength and muscular endurance. Other areas that are brought into the course in some aspect include cardiovascular endurance, speed, flexibility, and power. These are attained in the weight program. Agility exercises are also part of the course at specific times. Nutrition and diet are reviewed in relationship to developing the various aspects of physical fitness.

VARSITY EXERCISE & CONDITIONING – .25 (1/4) Credit/Semester Course
Prerequisite: Must be an athlete
Exercise and conditioning is an advanced course in physical education. The main emphasis is on weight training to develop muscular strength and muscular endurance. Other areas that are brought into the course in some aspect include cardiovascular endurance, speed, flexibility, and power. These are attained in the weight program. Agility exercises are also part of the course at specific times. Nutrition and diet are reviewed in relationship to developing the various aspects of physical fitness.

LANGUAGE ARTS

*ALL ENGLISH CLASSES HAVE INDEPENDENT READING AND STUDY.

HONORS ENGLISH 9 - 1 Credit/Year Course
Prerequisite: "A" average in 8th grade Language Arts class or Reading or Teacher Recommendation
This class is designed to challenge the superior English student through both intensive class work and various independent projects. Upper level skills in literary analysis, various modes of composition, abstract thought, and interpretation will be taught and expected. Students will also be expected to manage time well, complete all projects, essays, and reading assignments on time, and come to class prepared to discuss and participate daily.

ENGLISH 9 - 1 Credit/Year Course
This course covers various genres of literature (short story, novel, non-fiction, poetry, epic, drama) as well as a required argumentative essay, independent reading assignments, literary techniques, critical thinking, vocabulary, grammar, standardized test taking, and the state mandated standards. A comprehensive exam will be given at the end of both first and second semester. Textbooks will be assigned.

HONORS ENGLISH 10 - 1 Credit/Year Course
Prerequisite: "B" or higher in Honors English 9 or English teacher recommendation
Honors English 10 is intended for the college bound student or the student whose future plans require a sound background in composition and literature. Emphasis in this class will be in two areas: composition and world literature. In composition the student will concentrate on logically ordered paragraphs and full-length compositions, the importance of word usage, and the various methods of paragraph development. The study of literature is intended to provide the student with a wide range of reading material, including short stories (non-fiction selections), drama, poetry and novels and to develop critical thinking skills along with an understanding of literary terms. Presentations and projects will aid students in developing oral communication skills. Independent work as well as class work is expected.

ENGLISH 10 - 1 Credit/Year Course
English 10 will acquaint the student with the basic skills needed to communicate. Writing activities will be varied, including argumentation, literary analysis, and informative writing. The literature is intended to broaden the student's reading background and provide opportunity to discuss human problems. Readings will include short stories, the novel, drama, poetry and non-fiction. The student will be encouraged to do further exploration in these areas as a part of independent work.

HONORS AMERICAN LITERATURE - 1 Credit/Year Course, Grades 11-12
Prerequisite: "B" average or higher in Previous Years English Class or English teacher recommendation
Honors American Literature is designed to prepare students for college level English courses in composition and literature by stressing higher level thinking skills. A wide variety of writing assignments, ranging from the formal research paper to the creative essay, encourage students to better organize and develop their writing as well as think imaginatively. Complimenting their exploration of writing, students will engage in a survey of American literature. Required readings include novels, non-fiction plays, short stories and poetry. Regular discussions of the reading assignments offer students an opportunity to develop their skills in oral communication, analytical thinking and group interaction.

ENGLISH 11 - 1 Credit/Year Course
This course offers practical help in composition and reading to a diverse mixture of students. Wide ranges of writing assignments encourage students to master a variety of written communication and critical thinking skills. Regular reading assignments and related discussions offer students an opportunity to broaden and improve their skills in reading, oral communication, analytical thinking and group interaction. The required readings are selected from American literature and include novels, plays, short stories, and poetry, as well as non-fiction selections.

TECHNICAL ENGLISH 11 – 1 Credit/Year Course (Vocational Students)
This course is designed to bridge the gap between career technical education and the academic core. This course will help prepare students for life after high school by providing real-world application of English skills in the students' area of career choice. Learning focuses on technical reading and writing as well as high interest literature, teamwork skills, pre-employment skills, content vocabulary, and effective workplace communication. In order to prepare for gainful employment following graduation, students will also begin creating an electronic employment portfolio that will carry into Technical English 12, upon which time it will then be completed.
*This course is not an NCAA approved core course.

HONORS JOURNALISM/ NEWSPAPER- 1 credit/ Year Course, Grades 11-12
Students may only join with an English teacher's consent, and with a minimum of a "B" in Honors English 10 or above. In this course students will learn the fundamentals of news, feature, editorial and sports writing. Copy reading, news style and editing will be stressed. Students will create numerous original stories using varied structures and writing techniques. Students will also learn to create computer generated layouts and graphics. Students will generate, write, and edit stories necessary to produce the "The Grand Duke," Marlington's student newspaper. This is an advanced level course designed to develop and enhance individual research, journalistic, design, computer and publication skills learned throughout the

year. This course requires strong leadership skills and self-motivation; students are expected to take on more responsibility individually as well as at the staff level. Articles must consistently reflect ethical research, strong journalistic writing, and a balance of sources and issues.

HONORS BRITISH LITERATURE - 1 Credit/Year Course, Grades 11-12
Prerequisite: a "B" or higher in previous year's English class
This course covers various types of literature (short story, novel, non-fiction, poetry, epic, drama) that focus primarily on the historical time periods of British literature. Assignments include independent reading, literary techniques, critical thinking, vocabulary, grammar, and standardized test taking skills to fulfill the state mandated standards and prepare students for college. Students will study fiction analysis and write a research paper analyzing a major work of British literature in MLA format. A comprehensive exam will be given at the end of both first and second semester. Textbooks will be assigned.

ENGLISH 12 - 1 Credit/Year Course
This is a survey course of British Literature from the Anglo-Saxon period to the modern day. Wide ranges of writing assignments encourage students to master a variety of written communication and critical thinking skills. Regular reading assignments and related discussions offer students an opportunity to broaden and improve their skills in reading, oral communication, analytical thinking and group interaction.

TECHNICAL ENGLISH 12 – 1 Credit/Year Course (Vocational Students)
This course is a continuation of Technical English 11. This course will utilize a curriculum that helps prepare students for life after high school by providing real-world application of English skills in the student's area of career choice. Learning focuses on technical reading and writing, teamwork skills, pre-employment skills, content vocabulary, and effective workplace communication as well as some high-interest literature. In order to prepare for gainful employment following graduation, students will complete the electronic employment portfolio started in Technical English 11.

*This course is not an NCAA approved core course.

COLLEGE WRITING CCP I & II- English Elective- (College Credit Plus Option ONLY)
Recommended Grade 12
College Writing I: The study and practice of academic writing, including an introduction to rhetorical principles, the writing process, critical reading, research, and technology.
College Writing I CCP Pre-Requisite: Must receive acceptance by eligibility standards for college credit plus
College Writing II CCP Pre-Requisite: Must receive acceptance by eligibility standards for

college credit plus and minimum C- grade in **ENG 11002**, **ENG 11011**, or **HONR 10197**.

ENGLISH ELECTIVES

SPEECH - .50 (1/2) Credit/Semester Course
This elective is designed for the beginning speaker who would like to develop confidence and poise in front of a group. Students will learn the basic components of the communication process and learn to apply these toward improving speaking and listening skills. During the semester, students will participate in a variety of speaking activities, which may include but are not limited to impromptu, demonstrative, informative, and persuasive speaking; improvisational theater, pantomime, and dramatic presentations; storytelling and oral interpretation; and values and/or policy debating. Emphasis is placed on learning how to plan and polish each presentation prior to formal delivery. There is a technology component to this class and students will need Internet access.

Intro to Human Communication CCP -English Elective -(College Credit Plus ONLY) - 1 (1/2) Credit/Semester Course
An inquiry into the nature and function of human communication in interpersonal, group and public contexts. This course explores interpersonal, intercultural, group and mediated (social media) communication. Sections include communication basics and contexts; public speaking basics, and speaking to inform and persuade. You will develop clear communication skills and practice them by giving 3 different speeches.

SCENARIO – .25 (1/4) Credit/Year Course
The Scenario is the school's yearbook which is produced by a staff selected from those who make written application in the spring. Students are needed with interest and skills in creative writing, photography, art and typing. Those who wish to make a positive contribution to their school will find this activity rewarding.

AMERICAN LITERATURE CCP -English Online Elective-(College Credit Plus ONLY) Semester, Recommended Grades 11-12
This course surveys American Literature from the mid- to late- nineteenth century to the present. Students will read, discuss, analyze, and write about works by American authors in their historical and cultural contexts. Emphasis will be placed on critical reading of the works and techniques used to analyze them.

ENGLISH SEMESTER COURSE DESCRIPTION:
A STUDENT CAN TAKE 2 OF THE FOLLOWING SEMESTER CLASSES IN LIEU OF

ENGLISH 12 ONLY. ONE MUST BE FROM THE WRITING SELECTIONS AND ONE FROM THE READING SELECTIONS.

WRITING SELECTIONS

CREATIVE WRITING - .50 (1/2) Credit/Semester Course, Grades 11-12
This course is a multi-genre creative writing survey incorporating the study of historical fiction, legends, tall tales, allegories, journals, diaries, manifestoes, speeches, ballads, eulogies, fables, and letters. Pairing creativity with technique, this content-based course introduces students to concepts, approaches, and methods to help them develop their own types of writing that express creativity. This course is built around the Common Core Anchor Standards for ELA. There are no tests but plenty of group and independent writings. This course also introduces students to the writing workshop format.

READING SELECTIONS

CONTEMPORARY LITERATURE - .50 (1/2) Credit/Semester Course, Grades 11-12
This class is for those who enjoy reading of all types. Students will be required to read approximately 5 full-length novels during the course of the semester, which may include reading mature materials. Class includes reading and analysis of current literature, fiction as well as nonfiction. It may include short stories, novels, poetry, essays, journalistic writing, and biographies. Analysis will include oral discussions as well as written responses.

MYTHOLOGY AND FOLKLORE- .50 (½) Credit/ Semester Course, Grades 11-12
This course is a multi-genre survey exploring different theories of the cultural meanings and functions of a range and diversity of fables, fairy tales, folktales, legends, and myths, including competition stories, Asian stories, Brothers' Grimm stories, African stories, pirate stories, Italian stories, epic stories, and Hans Christian Andersen stories. We study how these stories have helped humans make sense of the world and how these universal tales continue to shape society even today. We develop a cross-cultural perspective on myths, mythologies and folklore from around the world. This course is built around the Common Core Anchor Standards for ELA. There are no tests but plenty of group and independent projects.

THESE SEMESTER CLASSES MAY ALSO BE TAKEN AS ELECTIVES IN addition TO A YEAR LONG ENGLISH COURSE.

MATH

ALGEBRA 1 - 1 Credit/Year Course

This course provides students coming from 8th grade math the introduction to algebraic concepts. Topics covered will include: the basic properties of algebra, performing the four basic operations with signed numbers, solving first and second-degree equations, inequalities, working with the exponent rules, performing the four basic operations with polynomials, factoring, and the graphing of exponential functions and linear and quadratic equations.

ALGEBRA 1 A and B - 2 Credits/2 Year Course

This course provides students coming from 8th grade math an introduction to algebraic concepts. Topics covered will include: the basic properties of algebra, performing the four basic operations with signed numbers, solving first and second-degree equations, inequalities, working with the exponent rules, performing the four basic operations with polynomials, factoring, and the graphing of linear and quadratic equations. THIS TEACHER PLACED COURSE IS CO-TAUGHT TO PROVIDE STUDENTS ADDED SUPPORT.

*This course is approved by NCAA for only .50 credit each year.

HONORS GEOMETRY - 1 Credit/Year Course

Prerequisite: Algebra I

This course is designed for the freshman, advanced college bound student who is capable of covering the geometry material at an accelerated rate with emphasis on completion of proofs, problem solving, and independent thinking.

GEOMETRY - 1 Credit/Year Course

This course is intended for the sophomore student that is interested in having a background in geometry to prepare them for college, vocational courses, technical schools, or for additional mathematics courses. Topics covered will include: geometric figures and their properties; perimeter, area, volume and associated measurements of geometric figures; parallel and perpendicular lines; congruent triangles, coordinate geometry; similar polygons; the symmetry of geometric figures; the Pythagorean Theorem and applications; deductive reasoning and introductions to proofs.

HONORS ALGEBRA 2 - 1 Credit/Year Course

Prerequisite: "C" average or better in Algebra 1

This course is geared for the sophomore, college bound student who desires a thorough understanding of algebra systems. Emphasis will be placed on the mastering of algebra skills and the problem-solving techniques necessary to go on and be successful in college. Topics covered will include: solving equations and inequalities, graphing straight lines, an introduction to functions, solving systems of equations, working with and factoring polynomials, understanding roots and the properties of radicals, irrational and complex numbers, solving

quadratic equations, graphing parabolas circles, ellipses, and hyperbolas. Exponential functions and logarithms will also be covered. A review of the ACT material is also included.

ALGEBRA 2 - 1 Credit/Year Course
This course is geared for the junior, college bound student who desires a thorough understanding of algebra systems. Emphasis will be placed on the mastering of algebra skills and the problem-solving techniques necessary to go on and be successful in college. Topics covered will include: solving equations and inequalities, graphing straight lines, an introduction to functions, solving systems of equations, working with and factoring polynomials, understanding roots and the properties of radicals, irrational and complex numbers, solving quadratic equations, graphing parabolas circles, ellipses, and hyperbolas. Exponential functions, and logarithms will also be covered. A review of the ACT material is also included.

COLLEGE & CAREER PREPARATORY MATH - 1 Credit/Year Course
This course is intended for those students who have completed Algebra 2 and are not pursuing a high math dependent field at the college or career level. College Career Math develops critical-thinking skills that students will use in college and their careers.

HONORS STATISTICS - 1 Credit/Year Course (College Credit Plus Option Available Upon Request and Eligibility)
Prerequisite: "B" average or better in Algebra 2 or teacher permission.
This course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Four main themes will be the focus - exploring data, planning a study, anticipating patterns in advance and statistical inference.

HONORS PRE-CALCULUS - 1 Credit/Year Course (College Credit Plus Option Available Upon Request and Eligibility
Prerequisite: "B" average or better in Algebra 2 or teacher permission; In order to receive college credit you must achieve the required score or higher on the ACCUPLACER test.
This course consists of two one-semester college math courses: College Algebra and Trigonometry. This course is designed for college bound students who need mathematics for their career choice or for their own achievement. Topics covered will include: analytic geometry, polynomial and rational functions, circular and trigonometric functions, vectors in a plane, transcendental functions, and sequences and series. Graphing calculators will be used.

HONORS CCP CALCULUS - 1 Credit/Year Course (College Credit Plus Option Available Upon Request and Eligibility
Prerequisite: successful completion of Pre-calculus; In order to receive college credit you must achieve the required score or higher on the ACCUPLACER test.

This course is designed for college bound students who need mathematics for their career choice or for their own achievement. We will cover what is covered in a semester Calculus I course in college. Emphasis will be placed on an intuitive approach to the areas of differential and integral calculus.

MUSIC EDUCATION

MIXED CHOIR – 1 Credit/Year Course
The Mixed Choir is a non-auditioned choral ensemble open to all students in grades 9-12 regardless of experience level at Marlington High School. Students in the Mixed Choir will learn and focus on developing foundational vocal technique, ensemble skills, and musicianship skills in accordance with the Ohio Academic Music Content Standards. This ensemble will perform a multitude of styles ranging from early music, folk songs, spirituals, and contemporary choral compositions. Performances will include MHS Choral Department concerts throughout the year.

HONORS MIXED CHOIR – 1 Credit/Year Course
The Honors Mixed Choir is a non-auditioned choral ensemble open to all students in grades 9-12 regardless of experience level at Marlington High School. Students in the Mixed Choir will learn and focus on developing foundational vocal technique, ensemble skills, and musicianship skills in accordance with the Ohio Academic Music Content Standards. This ensemble will perform a multitude of styles ranging from early music, folk songs, spirituals, and contemporary choral compositions. Performances will include MHS Choral Department concerts throughout the year. This ensemble meets at the same time as the Mixed Choir, but must complete additional requirements in order to receive Honors Credit.

ADVANCED WOMEN'S CHORUS – 1 Credit/Year Course
The Advanced Women's Chorus is a choral ensemble open to female students in grades 10-12 at Marlington High School who are selected into the ensemble. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. Students in Advanced Women's Chorus will focus on developing intermediate and advanced vocal technique, choral ensemble skills, and musicianship skills in accordance with the Ohio Academic Music Content Standards. This ensemble will perform a multitude of styles ranging from early music, folk songs, spirituals, and contemporary choral compositions. Performances will include MHS Choral Department concerts throughout the year.

HONORS ADVANCED WOMEN'S CHORUS – 1 Credit/Year Course
The Advanced Women's Chorus is a choral ensemble open to female students in grades 10-12 at Marlington High School who are selected into the ensemble. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. Students in Advanced

Women's Chorus will focus on developing intermediate and advanced vocal technique, choral ensemble skills, and musicianship skills in accordance with the Ohio Academic Music Content Standards. This ensemble will perform a multitude of styles ranging from early music, folk songs, spirituals, and contemporary choral compositions. Performances will include MHS Choral Department concerts throughout the year. This ensemble meets at the same time as the Advanced Women's Chorus, but must complete additional requirements in order to receive Honors Credit.

H. DUCHESS VOICES – .50 Credit/Year Course

Honors Duchess Voices is a choral ensemble open to female students in grades 10-12 at Marlington High School who are selected into the ensemble. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. This ensemble will perform a multitude of styles ranging from early music, folk songs, spirituals, and contemporary choral compositions. Performances will include MHS Choral Department concerts throughout the year.

MARLINGTON CHORALE – 1 Credit/Year Course

The Marlington Chorale is a mixed choir open to all students in grades 10-12 at Marlington High School. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. This is the premiere curricular choral ensemble at Marlington High School. Students in the Marlington Chorale will focus on developing intermediate and advanced vocal technique, choral ensemble skills, and musicianship skills in accordance with the Ohio Academic Music Content Standards. This ensemble will perform a multitude of styles ranging from early music, folk songs, spirituals, and contemporary choral compositions. Performances will include MHS Choral Department concerts throughout the year and commencement.

HONORS MARLINGTON CHORALE – 1 Credit/Year Course

The Marlington Chorale is a mixed choir open to all students in grades 10-12 at Marlington High School. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. This is the premiere curricular choral ensemble at Marlington High School. Students in the Marlington Chorale will focus on developing intermediate and advanced vocal technique, choral ensemble skills, and musicianship skills in accordance with the Ohio Academic Music Content Standards. This ensemble will perform a multitude of styles ranging from early music, folk songs, spirituals, and contemporary choral compositions. Performances will include MHS Choral Department concerts throughout the year and commencement. This ensemble meets at the same time as the Marlington Chorale, but must complete additional requirements in order to receive Honors Credit.

DUKE STREET - .50 (1/2) Credit/Year Course

Prerequisite: Member of a curricular choir that meets for 1 credit/year
Duke Street is a highly selective mixed vocal jazz ensemble comprised of no more than 16 students in grades 10-12. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. Members of Duke Street must also be members of another curricular choir. This ensemble primarily performs vocal jazz literature, but will also perform contemporary a cappella pieces and popular pieces of music. In addition to daily lunch period rehearsals, Duke Street meets after school on Monday (subject to change to student availability) from 2:40-4:10. Duke Street is the premiere vocal ensemble at Marlington High School that will serve as the primary ambassador for the choral department and Marlington High School. This ensemble will travel and perform for events around the community, region, and beyond.

HONORS DUKE FUSION - .50 (1/2) Credit/Year Course
Prerequisite: Member of a curricular choir that meets for 1 credit/year
Duke Fusion is an ensemble meant to give vocalists in grades 9 and 10 the opportunity to gain experience singing jazz. The group will be comprised of no more than 16 members. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. Members of Duke Fusion must also be members of another curricular choir. This ensemble primarily performs vocal jazz literature, but will also perform contemporary a cappella pieces and popular pieces of music. In addition to daily lunch period rehearsals, Duke Fusion meets after school for an hour and a half once a week. This ensemble will travel and perform for events around the community, region, and beyond.

HONORS DUKE STREET - .50 (1/2) Credit/Year Course
Prerequisite: Member of a curricular choir that meets for 1 credit/year
Duke Street is a highly selective mixed vocal jazz ensemble comprised of no more than 16 students in grades 10-12. Members of this ensemble are auditioned into it the year prior and must be placed by the choir director. Members of Duke Street must also be members of another curricular choir. This ensemble primarily performs vocal jazz literature, but will also perform contemporary a cappella pieces and popular pieces of music. In addition to daily lunch period rehearsals, Duke Street meets after school on Monday (subject to change to student availability) from 2:40-4:10. Duke Street is the premiere vocal ensemble at Marlington High School that will serve as the primary ambassador for the choral department and Marlington High School. This ensemble will travel and perform for events around the community, region, and beyond. This ensemble meets at the same time as Duke Street, but must complete additional requirements in order to receive Honors Credit.

MUSICAL THEATER - 1 Credit/Year Course
This course is designed for students that are interested in Musical Theatre – both on stage and "behind the scenes". Students will have the opportunity to rehearse, perform, direct, and

choreograph/stage various scenes and shows.

HISTORY OF AMERICAN MUSIC - .50 (1/2) Credit/Year Course
This course traces the history of American music from its roots in blues, jazz, and rock n' roll. This history will be viewed in the context of the political, historical, demographic, cultural and technological forces at work in the modern and postmodern world. The course will also encourage the development of listening skills and will incorporate extensive use of recorded musical examples.

SONGWRITING - .50 (1/2) Credit/Year Course
This course is intended to teach the fundamentals of songwriting by examining songs written in various styles of music. Students will learn functional music theory such as reading and playing chords, simple chord progressions, and form in order to apply the knowledge into writing their own songs. Through various exercises, activities, and workshop sessions, students will have the opportunity to create their own music in a creative atmosphere. Students are encouraged to take Music Theory prior to taking this class, but it is not a requirement.

MUSIC THEORY I & II - .50 (1/2) Credit/Semester Course
This course is intended to examine the fundamentals and foundations of music theory including music notation, note names, rhythm, time signatures, key signatures, scales, music terminology, ear training, chord analysis, and form. Additional concepts studied during this course could also include transposition and composition. Students enrolled in instrumental or choral ensembles or planning to major in music at the collegiate level are highly encouraged to take this course.

Band - 1 Credit/Year Course
The Band is open to all 9th through 12th grade students with prior instrumental experience. The group studies various marching and concert band literature as well as the different aspects of performance in those areas. Performance obligations include: parades, football games, public concerts, competitions and periodic trips. Other opportunities include the spring musical pit orchestra, Solo & Ensemble, and various area workshops/honor bands. Rehearsals begin in July and there is a mandatory band camp in August. During the school year, there are after school rehearsals for marching band and several during the concert season. Attendance is expected for all rehearsals and performances.

Color Guard is an extension of the marching band. They are not required to be in the band, but perform at all marching events. All members not in the band will not receive credit for the course. They may use the program to earn their PE waiver. All members are to have the same expectations as the band members as well as guard only practices and costume/make-up requirements.

HONORS BAND - 1 Credit/Year Course

The Band is open to all 9th through 12th grade students with prior instrumental experience. The purpose of the group is to appropriately recognize and reward those students that "go above and beyond" the basic requirements of their music ensemble, thereby encouraging excellence in musicianship. Credit is fulfilled based on the accumulation of "honor points," with each activity being weighted differently according to its level of time commitment, required musical skills, and educational impact. You must be enrolled for this class at the beginning of the year. Any student may choose to enroll, but once the deadline has passed (end of the 2nd week of school), the student is committed to the honors level for the entire year. Please see the Honors Band requirement sheet for further details. The group studies various marching and concert band literature as well as the different aspects of performance in those areas. Performance obligations include: parades, football games, public concerts, competitions and periodic trips. Other opportunities include the spring musical pit orchestra, Solo & Ensemble, and various area workshops/honor bands. Rehearsals begin in July and there is a mandatory band camp in August. During the school year, there are after school rehearsals for marching band and several during the concert season. Attendance is required for all rehearsals and performances.

JAZZ BAND - .50 (1/2) Credit/Year Course

Prerequisite: Admittance by the Band Director

This course is open to all 9th through 12th grade students with prior instrumental experience that are interested in Jazz music. There is a set instrumentation for Jazz Band and current band members will receive the first placements. All students are expected to develop improvisational skills as well as extra ear training and chord study. Performances include: public performances, festivals, and workshops. Occasional after school rehearsals are expected. Attendance is expected for all rehearsals and performances.

GUITAR - .50 (1/2) Credit/Semester Course

Prerequisite: Students must have access to a guitar

This course is designed to teach students beginning guitar skills.

SCIENCE

GENERAL BIOLOGY I & II CCP - 1 Credit/Year Course (College Credit Plus Option ONLY)

Prerequisite: Students must have taken Biology and Chemistry before taking General Biology CCP

General Biology I- This course explores general biological structures and processes experienced by all living things. Topics include: Organization of life from subcellular to systems

homeostasis, how cells harvest energy and the fundamentals of molecular biology that drive genetic inheritance, evolution and population diversity. Supporting laboratory aligns with lecture topics and includes: quan/qual analysis of biomolecules, observing plant and animal cell structure and function, basic genetic analysis and examination of population dynamics.

General Biology II-
Prerequisite: Students must have taken General Biology I CCP
This course explores general biological problems and processes as they are experienced by all living organisms: plant and animal diversity, evolution, basic plant and animal systems, hormones, immunology and ecology. Specific topics for this course include origins and biodiversity of life through an evolutionary survey of viruses, bacteria , plants and animals; the principles of biological classification; the identification and dynamics of biological ecosystems; and the design and reporting of biological research. Students will design, conduct, and report the results of a research experiment using the scientific method.

INTEGRATED SCIENCE - 1 Credit/Year Course
Integrated science exposes students to the basic areas of science: Earth and space, scientific inquiry, science and technology, nature of science, physics and chemistry. Discussion, hands-on investigation, collaborative projects and problem solving are incorporated into this class.

HONORS BIOLOGY – 1 Credit/Year Course
Prerequisite: 8th grade Accelerated Science, current 9th or 10th grade level and/or by teacher permission.
Students should be willing to accept a faster pace and the challenges of upper level thinking. Areas of study include biological principles, the cellular basis of life, genetics, microorganisms, plants, invertebrates, and vertebrates. Some dissections will be included in the lab work.

BIOLOGY - 1 Credit/Year Course
Prerequisite: 10th grade level and completed Integrated Science
Biology is “the study of life”. Areas of study include biological principles, the cellular basis of life, genetics, microorganisms, plants, invertebrates, and vertebrates. Some dissections will be included in the lab work.

CHEMISTRY IN THE COMMUNITY (Chem Com) – 1 Credit/Year Course
Prerequisite: Biology (11th grade level or higher)
Chemistry in the Community is a year-long Chemistry class that integrates inorganic chemistry along with environmental science to show the students how chemistry is involved in all areas of a community. The topics covered involve studies of the atom, periodic table, bonding and

making of compounds along with environmental issues such as water and air pollution. This is a lab-based class, with some labs being in the classroom and some being field work. Chem Com is designed to give students an opportunity to apply their knowledge of chemistry in various problem-solving situations.

GEOLOGY - 1 Credit/Year Course
Prerequisite: successful completion of integrated science and biology.
This course acquaints students with basic scientific principles that apply to the earth and our natural environment. Emphasis is placed on current and historical geologic processes. Laboratory work includes exercises with maps, rock structures, minerals, fossils, and energy resources. New discoveries and environmental issues are discussed.

HONORS CCP CHEMISTRY - 1 Credit/Year Course (College Credit Plus Option ONLY)
Prerequisite: successful completion of chemistry. Students must also be enrolled in pre-calculus or calculus.
The course will total 8 semester hours of credit and will be on a modified block schedule. This second-year chemistry course is designed for college bound students who need chemistry for their career choice or for their own achievement. This course is partnered with Stark State University. Topics covered will include: atomic and molecular nature of matter and the stoichiometric relationships of reactions. These fundamental principles will be applied to reactions in aqueous solutions, the ideal gas law, and an introduction to thermochemistry. The second semester will cover atomic structure, intermolecular interactions, chemical kinetics, equilibrium and thermodynamics. A laboratory component will be present in both semesters of the course.

HONORS CHEMISTRY - 1 Credit/Year Course
Prerequisite: Prior to/or concurrent with Algebra 2; 10th or 11th grade level and biology
Two branches of chemistry, inorganic and organic, will be studied in the classroom and in the laboratory. Most of the year will be spent on inorganic chemistry which covers the nature of solids, liquids, gasses and the physical and chemical properties of elements and compounds. Organic chemistry deals with carbon-containing substances and will be covered in whatever time is available. Nuclear chemistry receives some attention. Calculators are required.

CHEMISTRY - 1 Credit/Year Course
Prerequisite: Prior to/or concurrent with Algebra 2; 11th or 12th grade level
This course covers the same curriculum, as does Honors Chemistry but not as deeply. Progress through this course will be more deliberate than in Honors Accelerated Chemistry. Calculators are required.

HONORS PHYSICS - 1 Credit/Year Course
Pre-Requisites: Pre-calculus concurrently or previously taken.
This course is analogous to an introductory college physics course. The goals of this course include improving problem solving, analytical, and experimental skills, building inquiry skills, and using technology to collect and analyze data. Only students with a good work ethic and strong math skills should consider this course.

HONORS ANATOMY & PHYSIOLOGY - 1 Credit/Year Course
Prerequisite: Biology and Chemistry or 12th grade level
Students who plan to pursue medicine or related fields should select this course. Highly motivated students who want to learn more about the workings of the human body should find this course interesting. Dissections of organs and tissues will be incorporated into the lab work.

HONORS ANATOMY & PHYSIOLOGY CCP- (College Credit Plus Option ONLY)- 1 Credit/Semester Course
Students who plan to pursue medicine or related fields should select this course. Highly motivated students who want to learn more about the workings of the human body should find this course interesting. Dissections of organs and tissues will be incorporated into the lab work.

HONORS FORENSICS- 1 Credit/Year Course
Pre-Requisites: Biology and Chemistry
This course integrates the concepts learned in biology and chemistry to strengthen individual skills in scientific reasoning and observation in solving crimes. Using inquiry-based settings, students will learn basic scientific and mathematical methods and models required in forensic science.

SOCIAL STUDIES

WORLD HISTORY: 1750 TO THE PRESENT - 1 Credit/Year Course
This is a required course for all freshmen students and is intended to prepare them for the Ohio AIR Test. As students study historic eras from 1750 to the present, they will consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students will gain a deeper understanding of the role of citizens and continue to develop their research skills.

HONORS WORLD HISTORY - 1750 TO PRESENT - 1 Credit/Year Course
This course is designed for the superior freshman social studies student. Although it will cover the same topics and content that regular World History covers, it will take a more in-depth look

at these topics and will require more hands-on work, independent study, writing, and examination of primary sources.

AMERICAN HISTORY - 1877 TO PRESENT - 1 Credit/Year Course
This is a required course for all sophomore students and is intended to prepare them for the Ohio AIR Test. This course will continue the chronological study of American History from 8th grade. Although it will focus on domestic affairs, it will incorporate the geographic, cultural, economic, and government changes that have occurred in both domestic and foreign affairs.

HONORS AMERICAN HISTORY - 1877 TO PRESENT - 1 Credit/Year Course
This course is designed for the superior sophomore social studies student. Although it will cover the same topics and content that regular American History covers, it will take a more in-depth look at these topics and will require more hands-on work, independent study writing, and examination of primary sources.

HONORS CCP U.S. HISTORY- 1 Credit/Year Course (College Credit Plus Option ONLY)
Prerequisite: 10th grade level, "B" or higher in World History and recommendation from World History teacher
This course is challenging, as students will examine in detail United States history from Early America to modern America. Emphasis is placed on critical thinking skills, writing essays, and interpreting primary sources. Students will need to devote substantial time to independent preparation, homework, and unit projects to succeed. Summer work may be required for this course. Students will be notified of the summer assignments in May. College credit will be rewarded through Kent State University and will follow the curriculum of HIST 12070 and HIST 12071.

HONORS AMERICAN GOVERNMENT– 1 Credit / Year Course
This is a recommended course for all college-bound junior students. Three nine weeks of this course will address the vital and advanced principles of American Government and is designed to help students develop an understanding of the inner workings of how our government is organized, how it functions, and how the American people ultimately have the power. The topics covered include the U.S. Constitution, the Congress, the Presidency, the Supreme Court, political parties, and the elections at all three levels of government. One nine weeks of this course will focus on the elements of personal finance. Topics of personal finance will include, savings, credit, investing, insurance, budgeting, and consumer protection. This information will provide students with a deeper understanding of the inner workings of banking and finance. Students will also be required to complete community service projects. Honors credit for this course will begin with the class of 2017.

AMERICAN GOVERNMENT– 1 Credit / Year Course

This is a required course for all junior students. Three nine weeks of this course will address the basic principles of American Government and is designed to help students understand how our government is organized, how it functions, and how the American people ultimately have the power. The topics covered include the U.S. Constitution, the Congress, the Presidency, the Supreme Court, political parties, and the elections at all three levels of government. One nine weeks of this course will focus on the elements of personal finance. Topics of personal finance will include, savings, credit, investing, insurance, budgeting, and consumer protection. This information will provide students with real life learning experiences. Students will also be required to complete community service projects.

FINANCIAL LITERACY – .50 Credit / Semester Course

This is a required course for all students beginning with the class of 2026. The study and instruction of financial literacy shall align with the academic content standards for financial literacy and entrepreneurship adopted under division (A)(2) of section 3301.079 of the Revised Code. In developing the curriculum for the study and instruction of financial literacy, schools may use available public-private partnerships and resources and materials that exist in business, industry, and through the centers for economics education at institutions of higher education.

HONORS CCP SOCIOLOGY - .50 (1/2) Credit/Semester Course (College Credit Plus)

This course introduces the general theories of the field and research methods. Students will examine the impact of culture, social interaction, social structure, socialization, and social institutions on social behavior.

SOCIOLOGY- .50 (1/2) Credit/Semester Course

Prerequisite: Must be 11th or 12th grade level

This course is designed to investigate the principles of sociology, how the individual functions within a group, social institutions, social control, and the use of research methods to examine social problems. The course provides practice to students in developing critical thinking, decision-making, and social studies skills concerning human relationships.

HONORS CCP PSYCHOLOGY -Semester course/ (College Credit Plus Option ONLY)

This course surveys the scientific study of behavior, addressing a wide range of traditional topics including introduction and research; perception; consciousness; learning; cognition; personality; pathology/treatment; development; biological basis of behavior; social and organizational psychology. Emphasizes classical and current theory and research with selected attention to practical application.

PSYCHOLOGY - .50 (1/2) Credit/Semester Course

Prerequisite: 11th or 12th grade only to adhere to the requirements of sociology
This is an elective course for juniors, and seniors. This course will provide a basic knowledge of the study of psychology and specifically human behavior. Course material includes an analysis of individual growth patterns and social interrelationships from a scientific point of view.

HONORS ETHICS CCP - Semester course/ (College Credit Plus Option ONLY)
This course considers what constitutes ethics, not just which specific acts or act-kinds are ethical, using at least three primary sources from varied ethical traditions.

HONORS POLITICAL SCIENCE CCP - Semester course/ (College Credit Plus Option ONLY)
This course introduces the history and structure of political science, including its relationship to neighboring disciplines. This course thus asks what does it mean to study politics? What does it mean to study politics scientifically? What are the consequences of different conceptions of politics?

POP CULTURE - .50 (1/2) Credit/Semester Course
Prerequisite: 11th & 12th grade only
This course is designed to investigate American popular culture of the 20th century, focusing on music, art, entertainment, sports, fads and fashion. Students will explore and examine how social norms have changed throughout the decades. Throughout the semester, students will also analyze major headlines and social events and how they helped to shape America.
*This course is not an NCAA approved core course.

CONTEMPORARY ISSUES - .50 (1/2) Credit/Semester Course
Prerequisite: 11th & 12th grade only
Blend of Current Issues and Conflicts of the 20th Century
Students will examine current worldwide issues, why/how these issues exist, and the effects that they have on the world. Students will also be asked to analyze the political, economic, social, historic, and geographic components of global and regional issues, as well as global interdependence, focusing on global perspectives rather than U.S. perspectives.

SPORTS HISTORY -.50 (½) Credit/ Semester Course- Grades 11 & 12
This course will focus on the origin and development of various sports and the role sports has played in American life. Students will examine issues such as race, class, and urbanization as they relate to sports. Additionally, students will assess the political, economic, and social effects of sports on American culture. Students will also analyze major sports headlines and events and how sports helped shape American culture.

HOLOCAUST AND GENOCIDES- .50 (½) Credit/Semester Course- Grades 11 and 12
This course analyzes the causes and consequences of genocide. Topics of the course will cover 19th, 20th and 21st century genocides including Armenia, The Holocaust, Rwanda, Cambodia, Bosnia, Iraq, and Sudan. Additionally, students will examine current efforts to prevent genocide.

*The course readings and classroom discussions will often focus on mature, difficult, and potentially challenging topics.

GEOGRAPHY- .50 (½) Credit/Semester Course- Grades 11 and 12
The goal of this course is to encourage students to think globally while focusing on location, culture, the migration of people, the environment, and the trading of goods and services. Students will work hands-on with maps and use map skills to analyze how geographical borders have changed over time due to various domestic and international circumstances.

CULTURAL DIVERSITY CCP- (ONLINE COURSE) Semester Course/ (College Credit Plus Option ONLY)
Provide students with an understanding of the cultural diversity of our changing society. Students will examine and discuss the diverse values and characteristics of ethnic and minority populations and how those values influence society, social and economic processes, and race relations.

WORLD CIVILIZATION CCP -(ONLINE COURSE) Semester Course/ (College Credit Plus Option ONLY)
This course will look at world history from early human societies through the mid-17th century.

CAREER & TECHNICAL PROGRAMS

Career Tech High School Students:

- Learn college preparatory academics in applied, real-world contexts that make the content more meaningful and accessible to them;
- Develop technological literacy, including the “new basics” of computer usage;
- In 11th and 12th grade, immerse themselves in the foundation occupational skills needed to enter and succeed in an associate degree program.

At the end of high school, Career Tech Prep graduates are ready to choose a technical major and enter an advanced skills associate degree program at a community or technical college. Alternatively, they can enter the world of work with an array of stronger basic and occupational

skills than graduates of general education programs. In our area, the Stark County Tech Prep Consortium Partners Stark State College of Technology with all public-school districts in Stark County. A complete listing of Stark County Tech Prep Consortium Partners begins on page 82.

Students from all Consortium high schools are:

- Eligible to apply for admission to these high school programs on a tuition-free basis. Successful completion of the high school portion of this program.
- Presents the possibility of special consideration for entry into specific programs or classes at partner colleges

Location: Marlington High School

AGRICULTURE TECHNOLOGY

AGRICULTURAL, FOOD, & NATURAL RESOURCES (AFNR) - 1.00 (1) Credit/Year Course
This course will serve as a basic introduction into the field of agriculture, food and natural resources. It is open to any grade level but it is designed for first year agriculture students. Students are introduced to all aspects of the agricultural industry with an emphasis on animal and/or plant science. Learners will apply principles of anatomy, physiology, genetics, behavior, and nutrition to various areas of plant and animal science. Learning activities in Food Science, Engineering, and Business and Leadership will also be featured in this foundation course. Membership in the FFA required. Students will receive ½ Elective Credit in the science field.

AGRICULTURAL & INDUSTRIAL POWER TECHNOLOGY - .50 (½) Credit/Year Course
This course is designed for any student, which has previously completed AFNR. Students will learn a basic knowledge of electrical systems, engines and fuels, hydraulic systems and powertrain components. Additionally, students will learn how to safely operate and maintain machinery and equipment along with the principle of welding and metal fabrication. This course will involve hands on activities in the lab area (shop). This course will be a semester long following either Agronomics Systems or Animal Science and Technology.

AGRONOMICS SYSTEMS - .50 (½) Credit/Year Course
Prerequisite: AFNR (will alternate every other year with Animal Science)
This course is designed for any student, which has previously completed Ag. Bioscience I. Provides students with the knowledge and principles for competency in agronomic research and technology. Current production practices and global food needs will be examined. Classroom and laboratory experiences will focus on plant systems and processes including the study of plant nutrition, breeding, genetics, and biotechnology as related to the improvement of food, fiber and crop production.

This will look like an advanced plant/ crop production course, students involved will make the management decisions that will determine what is planted in the over 30 acres of Marlington Ag.

Land Lab
Outdoor activities and work will be part of the course, as students will be learning about crop production in real life experiences. Students will receive ½ Elective Credit in the science field.

ANIMAL HEALTH - 1 Credit/Year Course
Prerequisite: AFNR (will alternate every other year with Agronomics Systems)
Students will examine the causes, symptoms, and treatment of common diseases with emphasis on developing preventative health management plans. Topics will include the study of pathogens, and classifying types of diseases and disorders. Students will perform animal health assessments and compare to standard characteristics. Throughout the course, students will utilize principles of technology to manage information systems, and research issues affecting the industry.

NATURAL RESOURCES- AGRICULTURE 1 & 2 - 4 Credits/ 2 Year Program Prerequisite: 11th or 12th grade level
The Environmental Science part of this course combines outdoor education with the many facets of environmental science and natural resources management. The management of soil, air, water, and wildlife are prominently featured in this program. In addition, ecosystems, habitat management, emergency response, pollution control, hazardous materials, and GIS/GPS will be featured. The Bio Energy part of this course is an innovative venture to introduce students to the science of and careers in Ohio and U.S. biofuels and clean energy sources. Ethanol, Biodiesel, Fuel Cell Technology (hydrogen), methane, geothermal, wind, and solar energy production and research serve as the basis of this curriculum. Bio-products and biopolymers will also be featured in this course. FFA membership is required for this program. This course will prepare students for post-secondary opportunities. College articulation credits are possible as well.

Junior Year Courses: Business Management for Agricultural and Environmental Systems and Environmental Science for Agriculture & Natural Resources

Senior Year Courses: Energy Systems Management and Forestry and Woodland Ecosystems

NATURAL RESOURCES- ENERGY; - 4 Credits/ 2 Year Program; (College Credit Plus Option) through Stark State; Must take the ACCUPLACER Test
Prerequisite: 11 and 12 grade level; this program is focused on both the first-year college and early work entry student with an integrated curriculum including math and science.
The first year 11-grade level student will be introduced to basic oil and gas processing through

lectures and projects that start to familiarize the student with fieldwork. A strong approach to equipment construction and operation with repair will help students acquire skill sets that are in demand for future employment. The second year 12-grade level portion of the Oil and Gas program is designed to gain insightful knowledge into petroleum processing streams. The student will also learn from a hands-on approach using tools and equipment that develop the potential energy sites. Students will also be educated in business writing for fieldwork and employment, also gaining skills in business operations and entrepreneurships.

Junior Year Courses: Energy Systems Management and Urban Forestry

Senior Year Courses: Solar & Wind and Oil and Gas Operations

WILDLIFE AND FISHERIES FALL or SPRING - . 50 (½) Credit/ Semester Class

Learners will apply the principles and practices of resource conservation and management to fish and wildlife populations. Students will learn proper wild animal handling techniques, principles of wildlife nutrition, inventory practices, water quality parameters and testing, and natural and artificial propagation. Learners will apply principles of facility design and layout for managing fish populations. Throughout the course, learners will research and evaluate the impacts of various land practices, legislation, and human activities on habitats and populations.

TURF AND LANDSCAPE TECHNOLOGIES 1 & 2 - 4 Credits/ 2 -Year Program

Prerequisite: 11th or 12th grade level; (Replaces Introduction to Landscaping 1 & 2)

This two-year program is designed to prepare students for careers in the plant, turf and landscape industries. Students will be prepared to select appropriate plant materials, design, install, and maintain interior and exterior landscapes. A specialized feature of this program is sports turf management where students will learn the many facets of this industry. Students will learn to maintain facilities and equipment associated with the industry. FFA membership is required. This course will prepare students for post-secondary opportunities.

Junior Year Courses: Landscape Hardscapes and Turf Science and Management

Senior Year Courses: Landscape Design and Landscape Systems Management

HORTICULTURE: GREENHOUSE PRODUCTION/PLANT SCIENCE AND FLORAL DESIGN 1 & 2

4 Credits/ 2 Year Program; Prerequisite: 11th or 12th grade level
(Replaces Horticulture 1 & 2)

The greenhouse production/plant science portion of this course will include aspects such as management, plant care, propagation techniques, nutrition, genetics and reproduction. Students will also learn to maintain facilities and equipment associated with the industry. While having the opportunity to run the horticulture business, students will work hands on with products, purchasing, sales, inventory and customer service. This will allow students real life work experiences in different areas of the Horticulture Industry while also helping to develop leadership, critical thinking and problem-solving skills.
The floral design part of this course allows students the opportunity to develop a basic understanding of flowers and floral design techniques. FFA membership is required. This course will prepare students for post-secondary opportunities.

Junior Year Courses: Greenhouse and Nursery Management and Business Management for Agricultural and Environmental Systems

Senior Year Courses: Floral Design and Marketing and Plant and Horticulture Science

HORTICULTURE FOUNDATIONS/LANDSCAPE FOUNDATIONS - FALL - .50 (1/2)
This hands-on course is intended for freshman and sophomore students who want to gain entry level knowledge pertaining to indoor plant materials, plant use, plant care, propagation techniques, nutrition, genetics and reproduction. Additionally, students will gain knowledge in plant design, installation, maintenance of indoor and outdoor landscapes and sports turf management. Students taking the Fall term of this course will gain specific knowledge in landscape construction, brickwork, turf grass maintenance, landscape plant installation, greenhouse plant sales, floral design, Christmas and holiday plant sales, garden plantings, and landscape design. This may be taken with or without the spring term of Horticulture Foundations/ Landscaping Foundations.

PARKS AND RECREATIONAL MANAGEMENT FALL or SPRING - .50 Credit (1/2)/ Semester Course
Students will design facilities, develop educational programs and manage resources for use in public recreation. Students will maintain and operate equipment for maintaining wildlife habitat and supporting a variety of public recreational activities and facilities. Throughout the course, students will develop marketing and programming skills for park development, apply management practices to park operations and learn the systems required to maintain public safety.

Class Location: Alliance High School
College Tech Prep is a new way of doing business in our high schools and associate degree

granting colleges. Its goal is to prepare young people for the growing number of technical jobs in the future.

AUTOMOTIVE TECHNOLOGY I

Elective — 1 year (36 weeks)
Credit: 3 (2 lab; 1 related) — 15 periods per week
Grade: 11
Fees: Approx. $125.00
Reading Level: Average
Recommended: Industrial Arts I and Metals II, mechanical aptitude and interest in auto mechanics. Student may be recommended by instructor or Career & Tech Counselor.
Objective: The Automotive Technology Tech Prep program at Alliance High School will prepare students to be high tech automotive engineering technicians, move into advanced training within the industry, or lead to an associate degree in the automotive technology field.

Description: In the junior year, areas of instruction will include: shop safety, tools and equipment, basic service and maintenance, wheels and tires, suspension systems, steering systems, wheel alignment, disc and drum brakes. Leadership, communication and employability skills will be emphasized throughout the year.

AUTOMOTIVE TECHNOLOGY II

Elective — 1 year (36 weeks)
Credit: 3 (2 lab; 1 related) — 15 periods per week
Grade: 12
Fees: Approx. $85.00
Reading Level: Average
Prerequisites: Successful completion of Automotive Technology I

Description: In the senior year, students will expand their knowledge in the following areas: shop safety, engine operation and overhaul, electricity and electronics, computerized engine controls and diagnostics, shop management. Leadership, communication and employability skills will be emphasized throughout the year. Students will have the opportunity to job shadow and obtain early work release that will build valuable work experience.

CONSTRUCTION TRADES I

Elective: — 1 year (36 weeks)
Credit: 3 (2 lab; 1 related) — 15 periods per week
Grade: 11

Fees: $75.00 + tools
Prerequisite: Algebra I

Description: Students receive basic instruction in the areas of carpentry, masonry, plumbing, electrical wiring, painting and remodeling of structures. Various onsite construction projects are undertaken for practical application of skills. Students study blueprint reading. Proper use of tools, machinery and reading a tape measure.

CONSTRUCTION TRADES II

Elective: 1 year (36 weeks)
Credit: 3 (2 lab; 1 related) 15 periods per week
Grade: 12
Fees: $50.00 + tools
Prerequisite: Algebra 1 and Geometry

Description: Students receive advanced training in Construction Trades II and will become involved in job analysis and preparation of building materials list for various projects. Students work independently as well as work as members of a team in community service projects. Students with their developed skills and under highly trained supervision may obtain construction related employment or job shadowing for the second semester.

COSMETOLOGY I

Elective 1 year (36 weeks)
Credit: 4 (3 lab; 1 related) 20 periods per week
Grade: 11
Fees: Approx. $400.00
Reading Level: Above average
Prerequisites: Junior standing- above average ability in subjects. Excellent attendance record. No major allergy problems. If OGT's need to be taken, must take during the summer. Recommended: Tech Prep Biology 11 or equivalent, Anatomy/Physiology and Art

Description: This is the first year of a 2-year Cosmetology Program equivalent to 1500 hours. Three periods per day are spent in the lab learning manipulative skills and one period per day is in the classroom learning theory. Junior students must complete 750 hours of instruction and pass 2 academics either Math, Science or English their junior year in order to advance to the Senior level. Students will develop and understand basic techniques in hair designing, cutting, coloring, manicuring, artificial nails, facial, permanent waving and chemical relaxers and will qualify for performing such services on models and clients

COSMETOLOGY II

Elective 1 year (36 weeks)
Credit: 4 (3 lab; 1 related) 20 periods per week (4 periods per day)
Grade: 12
Fees: Approx. $190.00
Reading Level: Above average
Prerequisites: Completion of Cosmetology I with passing grades in both lab and related along with meeting the attendance requirement to advance to the senior level. 50 hour summer internship prior to senior year is required. If any OGT's are needed to pass for graduation, it is recommended that they are taken over the summer prior to senior year.

Description: Cosmetology II is the second year of a two-year program where 750 of the remaining 1500 hours is completed. Three periods are spent in lab performing manipulative skills on clients, and one period of related. The senior year expands on the basic skills and curriculum taught during the junior year along with advanced training in areas of chemistry, anatomy, hair color, haircutting, facials, communication skills, career exploration and salon management. Students work on clients in the school salon which is open to the public for all services. An on-line Milady Course is included in the theory class. One passing academic class is used the first semester of senior year towards hours. Students must complete all training before being eligible to apply for the Ohio State Board Licensing Exam in the spring of their senior year.

SPORTS MEDICINE/ATHLETIC TRAINING I

Elective 1 year (36 weeks)
Credits: 3 (2 lab; 1 related) 15 periods per week
Grade: 11
Fee: $100.00
Reading Level: Average to above average
Recommended: Heath, PE, Life Science or Biology, Geometry

Description: Sports Medicine/Athletic Training I is the first year of a two-year program for students who are interested in a career in athletic training, exercise science, physical therapy, physical therapy assistant, occupational therapy, occupational therapy assistant or personal training after further course work in higher education. Students will gain a core body of knowledge from the Athletic Training and Exercise and Athletic Injuries and Prevention course of study as well as become certified in First Aid, CPR and AED use through the American Heart Association. The skills that the students learn in class will be applied in their work on the field during athletic events. Other topics covered include: basic human anatomy, concepts of human movement, mechanism of sports injury and application of protective taping.

Students in this program work closely with Certified Athletic Trainers and with the Alliance and Marlington athletic teams.

**Students registering for this class will be required to be available for after school athletic practices and competitions.

SPORTS MEDICINE/ATHLETIC TRAINING II

Elective — 1 year (36 weeks)
Credits: 3 (2 lab; 1 related) — 15 periods per week
Grade: 12
Fee: $100.00
Reading Level: Average to above average
Recommended: Heath, PE, Life Science or Biology, Geometry

Description: Sports Medicine/Athletic Training II is the first year of a two-year program for students who are interested in a career in athletic training, exercise science, physical therapy, physical therapy assistant, occupational therapy, occupational therapy assistant or personal training after further course work in higher education. Students will gain a core body of knowledge from the Fitness Evaluation and Assessment and Nutrition and Wellness course of study as well as become certified in BLS for the Healthcare Provider. Students may be able to sit for the personal trainer examination upon completion of this course. The skills that the students learn in class will be applied in their work on the field during athletic events. Other topics covered include: medical terminology, muscle testing, concepts of human movement and components of exercise testing. Students in this program work closely with Certified Athletic Trainers and with the Alliance and Marlington athletic teams.

**Students registering for this class will be required to be available for after school athletic practices and competitions.

PRE-MEDICAL PROFESSIONS

Elective — 2 year
Credits: 6 — 15 periods per week
Grades: 11 & 12
Fee: Approximately $100.00
Reading Level: Average to above average

Description: Pre-Medical Professions This 2-year program offers a basic health care curriculum for first year students and a diversified curriculum during the senior year. Both tracks ultimately

prepare students enrolled in this intensive program for careers in the medical field. From the basics of CPR and First Aid, to having the opportunity to earn a State Tested Nurses Aide certification (STNA), students have the opportunity to explore a variety of health fields in preparation for post-secondary study or the workforce. Students can follow their dream of becoming a nurse, a physical therapist, a nurse's aide or even a doctor by spending the final two years of their high school career prepping in this comprehensive health career program. This is designed as a College Tech Prep two-year program. Articulation credits are possible through Kent State, University of Akron, Youngstown State, and Stark State.

DIGITAL ARTS I

Elective — 1 year (36 weeks)
Credits: 2 — 10 periods per week
Grade: 11
Reading Level: Average
Prerequisites: Completion of Interactive Media I with a 75% or better and teacher and/or counselor approval. Juniors who start the Interactive Media program will take IM I and II the same year.

Description: This class will continue with the basics of Photoshop, Illustrator and design theory, and add page layout skills using InDesign from Adobe Creative Suite 5, as well as design and type theory by completing computer design projects and assignments. It will also introduce web applications using Adobe Creative Suites Dreamweaver and Flash Animation. Individual and group projects will reinforce design theory and technical applications. College Tech Prep status and credits are available for select area colleges after completion of all three years of Interactive Media with at least a B average and Teacher approval.

DIGITAL ARTS II

Elective — 1 year (36 weeks)
Credits: 2 — 10 periods per week
Grade: 12
Reading Level: Average
Prerequisites: Complete Interactive Media 2 with a 75% or better and teacher and/or counselor approval.

Description: The focus of IM3 will be further strengthening the student's creativity and technical skills by focusing on more in-depth projects using Flash and Dreamweaver for the web. Students will be required to complete a portfolio for a final project and college applications, as well as create an individual capstone project in their area of career interest. College Tech Prep

status and credits are available for select area colleges after completion of all three years of Interactive Media with at least a B average and teacher approval.

VIDEO PRODUCTION I

Elective — 1 year (36 weeks)
Credit: 3 — 15 periods per week
Grade: 11
Fees: None
Reading Level: Average or above
Prerequisites: 2 units of English, History and Science and elective in creative writing preferred.

Description: Basic introduction and development skills in broadcast writing (news, commercials, scripts and programs) camera operations, and production areas such as audio, lighting, editing and graphic design. Students assist in producing announcements, Friday lunch programs, and at least 4 new shows every week for Carnation Cable Channel 11 in Alliance. Students gain valuable experience videotaping various sporting events, musical productions and other special events in and outside of Alliance High School.

VIDEO PRODUCTION II

Elective — 1 year (36 weeks)
Credit: 3 — 15 periods per week
Grade: 12
Fees: None
Reading Level: Average or above
Prerequisites: Successful completion of Video Production I and completion of English III A or B. Electives in Web Design/Flash or Film Studies preferred.

Description: Students continue to improve skills acquired in the junior year and are encouraged to job shadow and obtain internships at various communication facilities in the area. Students help write, direct and produce at least 4 new shows every week for Carnation Cable Channel 11 and work on various individual and group projects. They learn to produce, program and promote shows for Time Warner Cable Channel 11 (in-house authentic work environment).

WELDING AND FABRICATING I

Elective — 1 year (36 weeks)
Credit: 3 (2 lab; 1 related) — 15 periods per week
Grade: 11
Fees: Approx. $70.00
Reading Level: Average

Prerequisites: Junior standing, average mechanical ability, average grades. Good physical health and good eyesight.
Recommended: Industrial Technology I and Metals II

Description: Welding I is a course in the basic fundamentals of welding and blueprint development. It covers basic weld joints using different types of machines and electrodes. Oxyacetylene welding consists of fusion welding in all positions, brazing, silver soldering, hand torch burning, machine torch burning, and proper use of shop equipment. Electric arc welding consists of electric welding in all positions and an introduction to M.I.G. and T.I.G. processes. Daily emphasis is placed on attendance, safety and skill development.

WELDING AND FABRICATING II

Elective — 1 year (36 weeks)
Credit: 3 (2 lab; 1 related) — 15 periods per week
Grade: 12
Fees: Approx. $30.00
Reading Level: Average
Prerequisites: Satisfactory completion of Welding I

Description: Welding II is a course of specializing in advanced math, blueprint reading, and specialized welding processes consisting of the following: oxyacetylene process, torch cutting, manual and automatic burning machine, pipe welding, and out of position welding of mild steel and brazing. Electric welding processes taught are the following: arc welding, T.I.G. welding, M.I.G. welding, and plasma arc cutting. Senior welding focuses on fabrication and its related techniques. Daily emphasis is placed on attendance, safety and skill development. This program is recommended for students planning to become welders, fitters, or cutter/burning machine operators or those wishing to pursue advanced schooling in other specialty areas.

CREDIT FLEX

1. Options for Earning High School Credit

a. Middle and high school students may earn high school credits using any combination of the following methods:

i. Successfully completing traditional high school level courses for which one credit shall be

granted per 120 hours of class time.

ii. Successfully completing an educational option plan as described in the Board's approved Educational Options Policy 2370 or in the Board Policy 5460 on Graduation Requirements.

iii. Successfully completing a college-level course for Dual Credit in accordance with the Board's policies on college credit plus options at the high school site and at the college site.

iv. Successfully completing an online course offered by a provider approved by the high school principal or his or her designee OR the district credit flexibility committee convened by the superintendent or his or her designee.

v. Successfully completing an examination(s), providing a portfolio of work that demonstrates mastery of academic content standards, or a combination of these methods in accordance with this District Credit Flexibility Program Guidelines.

b. The district shall not limit the number of credits earned by a student through demonstration of mastery or completion of educational options. The district shall evaluate requests for early graduation in accordance with its policy on Academic Acceleration. However, the district shall not cap the total number of credits a student may earn or compel a student who does not wish to do so to graduate after completing fewer than four years of high school.

c. Students may earn credit in multiple content areas by successfully completing interdisciplinary educational options that address content standards in more than one subject area.

d. The district shall not prohibit access to online programs, postsecondary options, or services from another district approved by the Board or deny credit earned under credit flexibility options by students transferring to the district from another Ohio public or chartered non-public school.

2. Educational Options

a. Responsibilities and Expectations

i. Educational options plans for students participating in extracurricular activities governed by the Ohio High School Athletic Association shall include procedures for documenting ongoing participation and satisfactory progress on the part of the student for the purpose of satisfying academic eligibility requirements established in OHSAA bylaws.

ii. The district reserves the right to reassign a student participating in an educational option to a traditional course or other placement at its discretion if the student fails to meet the standards for ongoing participation and satisfactory progress described in his or her educational options plan.
Students who repeatedly fail to meet standards established to document ongoing participation described in his or her educational options plan may be considered truant and subject to penalties for truancy described in the Board's Policy 5410 on Promotion and Retention.

iii. Educational options or plans may include activities that occur outside of school such as a mentorship, internship, service learning, and educational travel. However, parents of students proposing educational options that include such activities may be required to sign a waiver holding the district harmless for any injuries or damages that occur in the course of a student's participation in an educational options activity outside district facilities and without staff supervision as a precondition of the district's approval of the plan.

- Students participating in field-based educational options-related activities (e.g. mentorship and internship with businesses and community organizations) shall be required to adhere to safety and standards of behavior and appearance appropriate for the activity setting.

- The district may suspend an approved educational option plan and reassign the student to another setting at its discretion if the host organization reports significant misconduct, tardiness, or absence on the part of the student.

b. Students may appeal decisions regarding access to an educational option and/or the standards established for awarding grades and credit for educational options by submitting an appeal to his or her principal or school counselor.

Appeals Process

i. Appeals will be reviewed by a committee comprised of a building principal or assistant principal, a teacher in the relevant subject area not involved in the original decision, and a school counselor.

ii. The student filing the appeal and his or her parent(s) shall be given an opportunity to

present concerns and recommendations to the committee.

iii. The committee shall review appeals within 10 school days from the date the appeal was submitted in writing. The decision of the committee shall be final unless overturned by the superintendent or a directive resulting from an appeal filed with the Ohio Department of Education.

3. Credit by Demonstration of Mastery

a. The district shall allow students the opportunity to earn credit by demonstrating mastery of the academic/career technical content standards covered by any course offered by the district, and shall award a number of credits to students demonstrating mastery equal to the number of credits awarded to students who successfully complete the equivalent traditional course.

b. Students may demonstrate mastery by completing a comprehensive examination process covering essential knowledge and skills addressed in an equivalent traditional course, by presenting a portfolio of work demonstrating mastery of knowledge and skills addressed in an equivalent traditional course, or through a combination of these methods.

i. Tests used for this purpose shall be either comprehensive exams created for the traditional course (e.g. a course final exam or nine weeks test), state-approved assessments (e.g. end-of-course exams), published assessment instruments covering relevant content approved by the superintendent or his or her designee, nationally recognized industry exams, or a combination of these options. The district shall communicate to students how assessment instruments used will be scored and how the number of credits awarded and grade assigned will be determined based on scores earned before the assessment is administered. For any test or assessment the student must score at an 80% level or better to receive credit and advance unless the course contract allows for an overall 80% average of all assessments and assignments. Any assessment for a particular course credit may only be attempted two times.

ii. The district may require a student to complete examinations in a proctored environment. In such cases, the district shall provide an opportunity for the student to take the assessment during the regular school day in an appropriate setting with the exception of summer educational options at which time arrangements will be made with the instructor.

iii. Rubrics shall be used for evaluating portfolios of student work. Criteria and scoring

methods shall be shared with the student before the portfolio is assessed. Staff shall evaluate portfolios with expertise in the relevant content area.

iv. After tests and/or portfolios are scored, the student shall be notified of the grade. This grade will be posted on the student's transcript and included in the student's GPA.

c. Students who wish to earn credit by testing out or demonstrating mastery without enrolling in a course must notify their school counselor and turn in the complete application by the following timeline:

- Fall Flex Credit- June 1st
- Winter Flex Credit- November 1st
- Spring Flex Credit- February 1st

d. Students who wish to test out or demonstrate mastery for credit during a course already under way shall submit a proposal for another educational option in which to participate for the duration of the course in which he or she was originally enrolled.

e. Students may appeal requirements and standards for awarding grades and credit based on examinations or demonstrations of mastery by submitting an appeal to his or her principal or guidance counselor.

Appeals Process

i. Appeals will be reviewed by a committee comprised of a building principal or assistant principal, a teacher in the relevant subject area not involved in the original decision, and a guidance counselor.
ii. The student filing the appeal and his or her parent(s) shall be given an opportunity to present concerns and recommendations to the committee.
iii. The committee shall review appeals within 10 school days from the date the appeal was submitted in writing. The decision of the committee shall be final unless overturned by the Superintendent or a directive resulting from an appeal filed with the Ohio Department of Education.

4. Determining Grades

a. All Credit Flexibility course credit will be reported as a letter grade unless the student and Credit Flex coordinator decide that Pass/Fail is more appropriate. The grades will not be weighted and will be included on the transcript and in the student's GPA. If a student fails to complete the alternative

coursework, activity, assessment or performance in a reasonable time period as determined by the Credit Flex coordinator, the approval to pursue the proposed credit will be revoked and a failing grade may be reported. The grade must be posted before the credit can count toward graduation, including early graduation. If a student is unable to complete the credit due to illness (with a medical excuse) or other good reason the Credit Flex coordinator may extend the time permitted or revise the requirements. If the student does not intend to complete the credit and there has been an illness or other good reason the application may be revoked by the Credit Flex coordinator without posting a failing grade. Should a student transfer to another district in Ohio, upon request of the student or parent, the district shall forward a copy of the approved application to the new district for their consideration.

5. Credit Flexibility and Special Populations

a. Students with disabilities shall not be excluded from opportunities to earn credit through educational options or by demonstrations of mastery. Accommodations and supports for students with disabilities participating in educational options and online courses shall be provided that are consistent with students' Individual Education Plans and/or 504 plans.

b. Educational options may be provided as a form of gifted education service to students identified as gifted if the educational option is consistent with his or her area(s) of identification, documented on his or her Written Education Plan, and monitored by a qualified gifted education coordinator or gifted intervention specialist.

c. Educational options and opportunities to earn credit based on demonstration of mastery may be used in combination with other forms of academic acceleration described in the Board's policy on academic acceleration for advanced students (Policy 5410) and documented on the student's Written Acceleration Plan.

6. Fees Associated with Educational Options, Online Courses, and Credit by Demonstrations of Mastery

a. No assessment fees shall be charged to students or their families when district created tests or portfolio review rubrics are used or when instruments provided by the State of Ohio are used in evaluating students for credit based on demonstration of mastery. The district may require students to pay part or all of the cost of administering a commercial assessment instrument if that instrument is not normally administered free of charge to students participating in equivalent traditional courses. The district shall make every reasonable effort to provide a free or low-cost assessment option to economically disadvantaged students requesting the opportunity to earn credit based on a demonstration of mastery.

b. The district may require parents of students participating in educational options not initiated by the district to pay fees not to exceed the actual cost of participation in that option, including any charges for: tuition and registration fees; books, assessments and materials not typically provided free of charge to students in traditional courses, and; travel costs if transportation is provided by the district.

c. The Superintendent or his or her designee(s) shall convene a committee comprised of district staff and members of the community to identify and develop free and low-cost educational options opportunities to ensure equity for economically disadvantaged students. The committee shall include a list of such opportunities in publications described in the Communication Plan prior to the start of the 2011-2012 school year.

7. Communication Plan

a. Opportunities and requirements related to credit flexibility shall be publicized annually using multiple forms of media which may include any combination of the following: publication on the district's website, publication in the middle school and high school course catalogs, dissemination of information at parent and teacher conferences and other events open to parents, and the district newsletter. Copies of a publication describing opportunities and requirements related to credit flexibility shall also be made available to students, staff, and parents upon requests to middle school and high school guidance counselors and principals.

b. The content of these publications shall be reviewed annually to ensure their. completeness and accuracy by the Superintendent or his or her designee.

c. The Superintendent or his or her designee(s) shall develop a cumulative database of approved educational options and standards for awarding grades and credits based on demonstrations of mastery to assist students, parents, and teachers with understanding available options and to help ensure equity and consistent standards of rigor beginning in the 2010-2011 school year.

8. Data Collection and Reporting

a. The Superintendent or his or her designee(s) shall develop and implement procedures for monitoring and annually reporting to the Board and the Ohio Department of Education data regarding:

i. Methods and frequency of communicating credit flexibility information to students and parents;
ii. The number of students participating in educational options and earning credit based

on demonstration of mastery;

iii. The total number of credits earned by students through successful completion of educational options and demonstrations of mastery;

iv. The extent to which student participation in flexible credit options reflects the diversity of the student body as a whole.