

2019-2020



Monroe High
School Course
Catalog

HOME OF THE BEARCATS

MONROE HIGH SCHOOL

17001 Tester Road
Monroe, WA 98272
Phone: 360-804-4500
Toll Free: 800-282-7818
Fax: 360-804-4699

www.monroe.wednet.edu

MONROE HIGH SCHOOL ADMINISTRATION

Ed Crow – Principal
Mark Henderson – Assistant Principal
Jeannette Siemers – Assistant Principal
Hugo Molina – Assistant Principal
Dani Mundell – Dean of Students
Melissa Davis – Office Manager

MISSION STATEMENT

Monroe High School Empowers students to act with **Pride**, **Integrity** and a sense of **Community**.
Our ultimate goal is for students to learn and thrive at school, at home and in their future endeavors.
Be EPIC!

NOTICE OF NON-DISCRIMINATION

The Monroe School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination: Civil Rights Coordinator: Joanne Dickinson and Title IX Coordinator, 360-804-2539, dickinsonj@monroe.wednet.edu; and 504 Coordinator: David Paratore, 360-804-2609, paratored@monroe.wednet.edu. Address: 200 E Fremont St., Monroe, WA 98272

The Monroe School District will also take steps to assure that national origin persons who lack English language skills can participate in all education programs, services and activities. For information regarding translation services or transitional bilingual education programs, contact: Ginnie Ayres (360) 804.2558

Graduation Requirements

Class of 2023

Credits	Subject
4.0	English
3.0	Math (Algebra 1 or higher)
3.0	Science
4.0	Social Studies
2.0	*Fine Arts (One credit may be via Personalized Pathway)
2.5	CTE (Personal Finance 0.5 credit is a requirement)
2.0	P.E.
0.5	Health
2.0	*World Language (Both credits may be via Personalized Pathway)
7.0	Electives

30 TOTAL CREDITS

State testing -ELA Smarter Balanced
 -Math Smarter Balanced
 -Science WCAS

High School and Beyond

Students must take full 8 period day for 3 years and then 3 out of 4 classes each day their senior year to be eligible to walk at graduation. Students athletes must take 7 out of 8 classes in order to participate in sports.

***Following state guidelines, these credits are required unless other options are determined by the student's Personalized Pathway. Personalized Pathway is defined as related courses that lead to a specific post-high school career or educational outcome chosen by the student and based on the student's interests and High School and Beyond Plan, which may include Career and Technical Education and are intended to provide a focus for the student's learning. For additional information, please refer to Board Policy P4410.*

Sample Schedules

Course	Grade 9	1st Semester
1. English 9 or Honors ELA 9		
2. Algebra Block or Geometry		
3. Algebra Block or Elective		
4. World Geo/Ancient History or AP Human Geography		
5. Agri-Science, Integrated Science or Biology		
6. 9th Grade Academy or PE		
7. Health or Elective		
8. Elective		

Course	Grade 9	2nd Semester
1. English 9 or Honors ELA 9		
2. Algebra Block or Geometry		
3. Algebra Block or Elective		
4. World Geo/Ancient History or AP Human Geography		
5. Agri-Science, Integrated Science or Biology		
6. 9th Grade Academy or PE		
7. Health or Elective		
8. Elective		

Graduation Requirements

Class of 2022

Credits	Subject
4.0	English
3.0	Math (Algebra 1 or higher)
3.0	Science
3.0	Social Studies
2.0	*Fine Arts (One credit may be via Personalized Pathway)
1.0	CTE
1.5	P.E.
0.5	Health
2.0	*World Language (Both credits may be via Personalized Pathway)
4.0	Electives (must include 1.0 credit social studies elective, 1.0 CTE credit and 0.5 PE credit)

24 TOTAL CREDITS

State testing -ELA Smarter Balanced
 -Math Smarter Balanced
 -Science WCAS

High School and Beyond

Students must take 3 out of 4 classes each day to be eligible to walk at graduation. Students athletes must take 7 out of 8 classes in order to participate in sports.

*Following state guidelines, these credits are required unless other options are determined by the student's Personalized Pathway. *Personalized Pathway is defined as related courses that lead to a specific post-high school career or educational outcome chosen by the student and based on the student's interests and High School and Beyond Plan, which may include Career and Technical Education and are intended to provide a focus for the student's learning.* For additional information, please refer to Board Policy P4410.

Course	Grade 10	1st Semester
1. English 10 or Honors English 10		
2. Geometry, Alg 2 or Honors Alg 2		
3. Animal Science, Biology or Chemistry		
4. World History or AP World History or AP European		
5. P.E. or Elective		
6. World Language		
7. Elective		
8. Elective		

Course	Grade 10	2nd Semester
1. English 10 or Honors English 10		
2. Geometry, Alg 2 or Honors Alg 2		
3. Animal Science, Biology or Chemistry		
4. World History or AP World History or AP European		
5. P.E. or Elective		
6. World Language		
7. Elective		
8. Elective		

Graduation Requirements

Class of 2021

Credits	Subject
4.0	English
3.0	Math (Algebra 1 or higher)
3.0	Science
3.0	Social Studies
2.0	*Fine Arts (One credit may be via Personalized Pathway)
1.0	CTE
1.5	P.E.
0.5	Health
2.0	*World Language (Both credits may be via Personalized Pathway)
4.0	Electives (must include 0.5 social studies elective and 0.5 CTE)

24 TOTAL CREDITS

State testing -ELA Smarter Balanced
 -Math Smarter Balanced
 -Science WCAS

High School and Beyond

Students must take 3 out of 4 classes each day to be eligible to walk at graduation. Students athletes must take 7 out of 8 classes in order to participate in sports.

*Following state guidelines, these credits are required unless other options are determined by the student's Personalized Pathway. *Personalized Pathway is defined as related courses that lead to a specific post-high school career or educational outcome chosen by the student and based on the student's interests and High School and Beyond Plan, which may include Career and Technical Education and are intended to provide a focus for the student's learning.* For additional information, please refer to Board Policy P4410.

Course	Grade 11	1st Semester
1.	American Literature or AP Language/Composition	
2.	Alg 2, Honors Alg 2 or Pre-Calculus	
3.	Environmental Science, Chemistry, Physics or AP Physics	
4.	US History or AP US History	
5.	P.E. or Elective	
6.	World Language	
7.	Elective	
8.	Elective	

Course	Grade 11	2nd Semester
1.	American Literature or AP Language/Composition	
2.	Alg 2, Honors Alg 2 or Pre-Calculus	
3.	Environmental Science, Chemistry, Physics or AP Physics	
4.	US History or AP US History	
5.	P.E. or Elective	
6.	World Language	
7.	AP Seminar or Elective	
8.	Elective	

Graduation Requirements

Class of 2020

Credits	Subject
4.0	English
3.0	Math (Algebra 1 or higher)
3.0	Science
3.0	Social Studies
2.0	*Fine Arts (One credit may be via Personalized Pathway)
1.0	CTE
1.5	P.E.
0.5	Health
2.0	*World Language (Both credits may be via Personalized Pathway)
4.0	Electives (Must include 0.5 credit social studies elective)

24 TOTAL CREDITS

State testing -ELA Smarter Balanced
 -Math Smarter Balanced

High School and Beyond

Students must take 3 out of 4 classes each day to be eligible to walk at graduation. Students athletes must take 7 out of 8 classes in order to participate in sports.

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Grade 12	1st Semester
Course	
	1. English 12 or AP Literature
	2. Algebra 3, Pre Calculus, AP Calculus or AP Statistics
	3. Science Elective
	4. Am Government, AP Gov OR CSI and CWP
	5. AP Support
	6. PE or Elective
	7. Elective
	8. Elective

Grade 12	2nd Semester
Course	
	1. English 12 or AP Literature
	2. Algebra 3, Pre Calculus, AP Calculus or AP Statistics
	3. Science Elective
	4. Am Government., AP GOv OR CSI and CWP
	5. AP Research
	6. Elective
	7. Elective
	8. Elective

ADDITIONAL INFORMATION

- A maximum of 4 semesters (2.0 credits) work experience credits may apply to graduation requirements.
- A maximum of 4 semesters (2.0 credits) credits of tutor and/or aide credit may apply to graduation requirements.
- A maximum of 4 semesters (2.0 credits) community service credits may apply to graduation requirements.
- A maximum of 6 semesters (3.0 credits) of correspondence or online high school accredited courses while attending MHS may apply to graduation requirements (separate from retrieval credit courses that are courses that a student fails and may be retrieved through PLATO).
- A maximum of 6 semesters (3.0 credits) of out-of-school learning credit may apply to graduation requirements.
- An additional graduation requirement that is not connected to credit is the Certificate of Academic Achievement. *Access www.hecb.wa.gov/research/issues/admissions.asp for the College Academic Distribution Requirements (CADR) and other related minimum college admission information. See page 3 for more information about state requirements.*

***NOTE:** A total of six (6.0) credits from the above options may apply to graduation requirements. *Students who have not attended Monroe School District exclusively since the ninth grade may have requirements that vary from those listed above.*

COUNSELING CENTER INFORMATION

Counseling Center
Phone: 360-804-4503
Fax: 360-804-4698

Please visit our Counseling Center website at:
www.monroe.wednet.edu/mhs/student-learning/counseling-center

The counseling office is here to support students and families. Counselors monitor credit completion toward graduation, provide student with guidance in college selection and support college application, facilitate teacher/parent communication, provide student counseling/mediation and refer to other services as needed.

Counselors are assigned alphabetically by student's last name:

Lisa Woodard	A-E
Andrea Garibay	F-Le
Tammy Amador	Li-Q
Jane Stevens	R-Z

SCHEDULE CHANGE PROCEDURE

Student schedules have been crafted based on course requests from spring. Our master schedule is created based on these requests. Schedule changes are not made except under extraordinary circumstances.

Schedule adjustments will *only* be considered under the following conditions:

- ◆ The student is not in the correct class level
- ◆ The scheduled course was not selected on your original class selection sheet (including alternatives).
- ◆ Graduation requirement needed that year

Schedule changes will **NOT** be made based on lunch, period or teacher preferences. It is expected that if a student has a conflict with a specific teacher, that student needs to meet with the teacher/parent/administrator to work out a solution.

- ◆ Schedule Change Request Forms will be available in the Counseling Center approximately 2 weeks prior to the beginning of the new semester.
- ◆ Student must return the Schedule Change Request Form with a parent signature to the Counseling Office **NO LATER THAN** the **THIRD DAY** of the semester

Parent permission and teacher signature are required for withdrawals from year-long courses provided an appropriate educational option can be determined and is available. Classes will not be overloaded to accommodate a withdrawal from a class. *A STUDENT WHO WITHDRAWS FROM A CLASS AFTER THE TENTH (10TH) DAY OF THE SEMESTER WILL RECEIVE A FAILING GRADE (F).*

CAREER CENTER INFORMATION

Patty Johnston—Career Specialist
Phone 360-804-4534

Please visit the Career Center's website at:
www.monroe.wednet.edu/mhs/student-learning/careercenter

The Career Center helps students uncover their strengths by helping with:

- College and Career information
- Scholarship information
- Training program information
- Filing out FAFSA/WAFSA, college and job applications

COLLEGE VISITS—The Career Center brings colleges and universities to Monroe High School giving students the opportunity to ask questions and learn specifics about institutions they are interested in. Sign ups are in the Career Center or Counseling Center.

Field trips to local colleges and work programs are offered each year.

Job opportunities and community volunteer resources are available in the Career Center.

EXAMINATIONS

PREPARATION FOR COLLEGE ENTRANCE EXAMS

PLAN (pre-ACT)

This test can be taken by 10th grade students. The PLAN test is a powerful predictor of success on the ACT Assessment.

Preliminary Scholastic Assessment Test and the National Merit Test (PSAT/NMSQT)

The PSAT is required for juniors who intend to compete in the National Merit Scholarship Program. The PSAT is also an excellent predictor of success on the SAT.

COLLEGE ENTRANCE EXAMS

***Important:** Students should plan to take college admission tests (SAT or ACT) in the spring of their junior year and/or early in the fall of their senior year. Registration booklets and practice tests are available in the Career Center.*

ACT (American College Test)

The ACT tests academic achievement in the areas of English, Mathematics, Reading and Science reasoning. This test is widely used by colleges for selection/admission purposes.

***Students register online at www.act.org.**

SAT (Scholastic Aptitude Test)

The SAT is a three-hour standardized test that measures English language abilities and mathematical reasoning. This test is widely used by colleges for selection/admission purposes.

***Students register online for the SAT at www.collegeboard.com**

SAT II

Subject area tests are designed to measure students' knowledge in particular subject areas. Many colleges use the Subject Tests for admission and course placement.

***Students register online for the SAT II at www.collegeboard.com**

ACHIEVEMENT EXAMS

Advanced Placement Examinations (AP)

Advanced Placement Exams are offered annually to give high school students the opportunity to demonstrate college-level achievement and receive college credit upon enrollment at a participating institution. Typically students taking AP Exams are enrolled in the corresponding AP classes. Each college/university has its own policy regarding the amount of credit a student can earn based upon test scores.

OTHER EXAMS

Armed Service Vocational Aptitude Test Battery (ASVAB)

This test measures general knowledge of English, math, and science in addition to electrical, mechanical and clerical aptitudes. It also includes an interest inventory. The ASVAB is an excellent tool to help students make career decisions. This test is open to all students; however, it is required for students planning to enter the military.

Career Exploration Assessments

Interest, ability, values and experience inventories are available in the Career Center upon student request. These assessments are designed to help students identify potential career interest areas.

Minimum College Admission Standards – An Overview for Students and Parents**

College Academic Distribution Requirement (CADR) Coursework.

Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including senior year. Students who take college-level coursework and complete 5 quarter credits or 3 semester credits, will have earned the equivalent of one CADR credit. In addition, pre-college courses in English and math may be equivalent to CADR courses provided they are designed to meet the same learning outcomes as the high school courses for which they substitute. Students may meet high school requirements with courses taken in middle school provided the courses are part of a sequence which is successfully continued in high school or the courses are included on the high school transcript as high school-level courses. Previous minimum college admissions standards used the term ‘year’ to designate completion of what is now referred to as ‘one credit’ of high school coursework. The use of ‘credit’ recognizes that school districts may use alternative or block scheduling that permits students to earn a full credit in a given subject area in less than an academic year.

English

Four credits including three credits of college preparatory composition or literature. One credit may be satisfied by courses in Drama as Literature, Public Speaking, Debate, Journalistic Writing, Business English, English as a Second Language, or Learning Support English.

Mathematics

Three credits: Algebra I, Geometry, and Algebra 2. Note: Successful completion of math through Pre-Calculus meets the requirement for 3 credits of math and the senior-year math requirement. Senior Year Math-Based Quantitative Course: During the senior year of high school students must earn a credit in a math-based quantitative course. This requirement may be met through enrollment in one of the three required math courses above; or by completing a math-based quantitative course like Statistics, Applied Math, or appropriate career and technical courses or by completing an Algebra-based Science course taken during the senior year that would satisfy this requirement and part of the science requirement below. Note: The senior-year math requirement does not mean a 4th credit of math is required, nor does it require a higher level of math. The intent is for seniors to take meaningful math. Exception: Completion of higher level math prior to the senior year exempts students from the senior year quantitative course requirement (e.g., Pre-Calculus, Honors Pre-Calculus, or AP Calculus).

Social Studies

Three credits of history or other social science (e.g. Anthropology, Contemporary World Problems, Economics, Geography, Government, Political Science, Psychology).

Science

Three credits of a lab-based science one of which must be an Algebra-based science such as Chemistry or Physics.

Foreign Language*

Two credits must be earned in the same World Language, Native American Language or American Sign Language. Schools may award credit based on a district-approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines. Note: A World Language course taken in middle school may satisfy one credit of the requirement if the second year level course is completed in high school grades 9-12.

*Three years of study are recommended. Students may enter a public college/university with two years of study in a foreign language; however, several institutions require students to take a competency/placement exam upon entrance. Students must have three years of study in a foreign language to cover the material included in this exam. Some private colleges/universities have more rigorous requirements. Students should contact these institutions to determine the foreign language requirements.

Fine, Visual and Performing Arts or Academic Electives

Two credits of fine, visual, or performing arts are required for graduation.

Note: The University of Washington and Western Washington University specify one-half credit in fine, visual or performing arts. The other half may be in the arts or in an academic elective.

****For more information about requirements for college-bound students refer to the OSPI website K12.wa.us and the Washington Student Achievement Council www.wsac.wa.gov
Washington Student Achievement Council www.wsac.wa.gov**

Opportunities for College Credit in the High School

Advanced Placement Program

The Advanced Placement Program (AP) is a cooperative educational endeavor among secondary schools, colleges and universities, and Educational Testing Service (ETS). It gives high school students exposure to college level material through involvement in an AP course and then gives them an opportunity to show what they have learned by taking an AP Exam. Colleges and universities are then able to grant credit, placement, or both to these students. A student who earns a grade of 3 or better on an AP Exam is generally considered qualified to receive credit for the equivalent course at one of the almost 3,000 colleges and universities that give credit for AP Exams. The student should contact the four-year institution that he/she plans to attend to determine if the credit will transfer.

Current AP courses offered at Monroe High School are indicated in the course description in each section. There is a fee to take the AP exam. Students interested in other AP courses should meet with their counselor for more information.

College in the High School

If you are an academically motivated high school sophomore, junior or senior you may be interested in getting college credit for your high school classes without ever leaving the high school campus. High School students may apply for credits through Everett Community College for designated courses at Monroe High School. A tuition fee is charged. Some scholarships based on financial need are available. Students register for the program through the Everett Community College website. Credits will transfer to all public two and four year universities in Washington State. Student should check with the admissions office at the institution they plan to attend to clarify how these credits will transfer.

Current College in the High School courses at MHS are indicated in the course description in each section.

CTE Dual Credit

CTE Dual Credit is a partnership between community colleges and public high schools. Unlike Running Start, students receive college credit for technical classes they take within the high school. Credits may be earned at the 10th grade level or above. Students must earn a “B” grade or better, register on the SERS website <http://sers.techprepwa.org/> and pay any required fees. Scholarships based on financial need are available.

Credits transfer within the community college system in Washington. The admissions offices at four-year institutions make determinations regarding the acceptance of any or all of these credits.

CTE Dual Credit classes at Monroe High School may include Engineering Design, Robotics, Marketing III, or Sports Medicine classes, as well as an option for some Agricultural classes. Most programs at Sno-Isle Skills Center offer Tech Prep credits as well.

Running Start

Running Start is a partnership between community colleges and public high schools. The program provides high school juniors and seniors the opportunity to take college-level courses on a tuition-free basis. Credits earned may be used to meet both high school and college requirements. Courses may be taken at local community colleges (*transportation not provided*), or in the evenings at Everett Community College's Lake Tye branch campus. Students must apply for admission into Running Start. Applicants must be juniors or seniors and under 21 years of age. Performance on entrance exams, GPA and other factors may be considered in the admissions process.

Running Start Colleges:

- Everett Community College
- Cascadia Community College
- Lake Washington Technical College
- Shoreline Community College

****PLEASE** visit the Running Start website of the college you are interested in attending for more specific information (The above colleges are just a few of the Community Colleges offering Running Start)

OTHER EDUCATIONAL OPTIONS

LEADERS IN LEARNING

Leaders in Learning (LILHS) is a Monroe School District alternative learning experience program. LILHS offers a strong academic curriculum focused on meeting individual needs. Students, parents, and the LILHS staff work together to develop an individualized learning plan including activities designed to prepare students for post-graduation opportunities. Students accepted into LILHS are motivated individuals who are willing to take an active role in their learning and typically are scheduled into 4-6 classroom-based classes and two contract-based classes. Application to LILHS starts with a written application and required interview including the student, his/her parent(s)/guardian(s) and staff. This interview explains the program to insure it's the right fit for them or what other alternative path that might work as well. After the interview students can apply for acceptance by completing an application packet available at LILHS. Once accepted, all students are assigned an Advisor who knows them personally and meets with them regularly to review class progress, provide instruction on time management, goal setting, decision making, emotional awareness, career planning and building a growth mindset. Individual learning plans with student input encourage student ownership of learning and personal responsibility. Parents/guardians are highly encouraged to be part of their student's education throughout the LILHS experience. Dual enrollment between LILHS and Monroe High School is an option.

MONROE HIGH SCHOOL CREDIT RETRIEVAL PROGRAM

If taken during the regular school day, full and part-time high school students may be enrolled by their Counselor into credit retrieval classes to retrieve credit at no cost. If student takes our Credit Retrieval at home instead of in one of our classes, they will be charged for the course. Credit Retrieval gives the student an opportunity to make up lost credit. The student, Counselor and parent will meet to formulate a written plan to retrieve lost credit. A grade will be issued for the amount of credit earned upon successful completion of course work and a positive instructor evaluation. Behavioral expectations must be adhered to or the participant will be removed from the program and have their individual schedule reduced. *No refunds will be given for students paying to retrieve credits after school.*

SKY VALLEY EDUCATION CENTER

Sky Valley Education Center is an alternative school designed to be a bridge between families with a background in homeschooling and the public school system and operates under a separate set of state rules and regulations (Washington State Alternative Learning Experiences) from that of the traditional system. Sky Valley serves grades K-12. Students and parents choose the classes they attend each week and complete additional time working on their personalized learning plan at home and at the direction of their parents.. The total time each week working on their learning plan is expected to be a minimum of 20 hours for grades 1-3 and 25 hours for grades 4-12. SVEC students are expected to demonstrate high-quality academic skills and by doing so earn a "P" (Pass) grade or an "H" (Honor) designation as they move toward high school graduation. SVEC offers a variety of programs to meet the needs of students including: a Parent Partnership Program K-12, an Environmental Science School (ESS) 7-10, a Montessori Program K-10, an Excursion Program K-8, and a Science, Technology, Engineering and Math Program (STEM) 6-8. Shared enrollment between Sky Valley and Monroe High School is an option. Priority is given to families with homeschooling experience. For information, call 360-804-2700 or visit SVEC at 351 Short Columbia Street in Monroe.

SNO-ISLE SKILLS CENTER

Sno-Isle Skills Center located near Paine Field in Everett is a cooperative effort of 14 local school districts. The basic purpose of the Sno-Isle occupational program is to provide students with skills that will prepare them for entry-level jobs after graduation from high school or related post-high school education or training. Students interested in attending the Skills Center should have a good attendance record at high school and give careful consideration to their degree of interest in making a commitment to a particular program. This is especially important because some programs are two years in length. Students must be of junior or senior standing. An application and a personal interview are required each spring before the year of attendance. Additional information and application forms are available in the Counseling Center. District transportation is provided to the Sno-Isle Skills Center.

COMMUNITY SERVICE

Students may earn 0.5 elective credits (variable/repeatable for up to 2 credits) for a service project or combination of projects that total 75 hours of service to the community. Preapproval is required from the Counselor and Principal. This program can benefit students in the areas of self-esteem, citizenship and academic/cognitive skills and is voluntary, student initiated and school monitored. It is the responsibility of the student and parent/guardian to provide insurance, transportation, and to contact the community agency or agencies where he/she would like to serve. Places where students may serve include, but are not limited to: hospitals, recreation centers, civic/community organizations, schools, neighborhoods and churches.

EVERETT COMMUNITY COLLEGE—EAST COUNTY CAMPUS

Everett Community College offers various programs for high school students. Day and evening college classes meet at the Lake Tye Building, 14090 Fryelands Blvd. S.E., Monroe, WA. Evening classes are also offered at Monroe High School, Snohomish High School and Park Place Middle School. EvCC East County Campus rotates required courses so that degrees and certificates may be obtained at the campus. Visit www.everettcc.edu/eastcounty for a current schedule of day and evening classes meeting at the East County Campus. You may also contact EVCC by phone at 425-259-8732.

Other Programs

EvCC can make referrals to its main campus for the Youth Re-engagement Program. This program assists out-of-school youth with job training and completion of high school requirements. Students needing more information on this option should contact their counselor as soon as possible.

Adult education classes (GED Preparation and English as a Second Language) meet each quarter in the evening at Park Place Middle School. On Monday and Wednesday evenings EvCC instructors provide basic skills instruction in Mathematics, Reading, English Composition, and preparation for the General Equivalency Degree (GED). On Tuesday and Thursday evenings EvCC instructors provide English as a Second Language (ESL) classes from beginning through advanced levels.

Community Technology Center

EvCC and Monroe School District provide a Community Technology Center for youth and adults needing computer training, ESL, and basic skills assistance. EvCC instructors work one-on-one with people of all ages using software including Microsoft Office and ESL, remedial English and math programs. The center is free to the general public and is open Monday through Thursday, 2:30-5:00 p.m. and Saturday noon to 3:00 p.m. at Park Place Middle School, 1408 W. Main St., Monroe, Rooms A4 and A5.

www.everettcc.edu/eastcounty

425-259-8732

Youth Re-Engagement (U3)

Youth Re-Engagement is a collaboration between Everett Community College and the Monroe School District that provides technical job training and basic skills to youth between the ages of 16 and 21. Students complete high school and receive career preparation through a technical certificate or degree program. Intensive assessment and case management form the basis of the program. All services are free to eligible youth, but transportation is not provided.

CREDIT AND RETRIEVAL OPTIONS

CREDIT RETRIEVAL/CONTRACT LEARNING CLASSES – Please talk to your counselor about this option.

SUMMER SCHOOL

Summer school is provided for the student who wishes to gain retrieval credit only with the exception of Health. Monroe School District offers a six-week summer session beginning in July. Information on which classes will be offered is available each preceding spring.

Summer School classes are also available for a fee at Leaders in Learning and Sno-Isle Skills Center. Courses may be taken to retrieve credit or to enhance basic skills.

WORK-SITE LEARNING

Work-Site Learning is a means to recognize the valuable educational experience provided by employers. Students employed at an established place of business, working a total of 180 hours during the course of a semester can earn a 0.5 semester credit. Refer to the Cooperative Worksite Learning course description for more details.

CREDIT/NO CREDIT GRADING

Credit/No Credit Grading or S (satisfactory) or U (unsatisfactory) grade. Office, Library, and Teacher Assistants and Work Credit utilize S-U grade only. All classes are awarded 0.5 credits per semester. Work credits are limited to six total semesters (2.0 credits) while assistant credits are limited to four total semesters (2.0 credits).

TRANSFER CREDITS

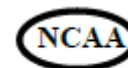
Courses taken outside the regular course of study offered at Monroe High School will be given credit based on the following criteria:

Credit will be accepted equal to the credit granted by another school if:

- A school is accredited by the Northwest Accreditation Commission
- A school is accredited by the Pacific Northwest Association of Independent Schools
- A school is part of the Monroe School District
- A school is an approved Washington State school

If the school or program does not meet an accreditation requirement above, Monroe School District Board of Directors Policy 5210 Procedure for Alternative Programs will be followed; *“The principal shall review a submission of documentation regarding course objectives and outcomes with the accompanying portfolio of student accomplishments in the course of study. The principal will determine the amount of credit awarded.”*

NCAA FRESHMAN – ELIGIBILITY STANDARDS



THE NCAA INITIAL-ELIGIBILITY RULES HAVE CHANGED.

If you plan to enroll in any Division I or Division II college or university, carefully read the directions available at www.ncaa.org; click on “Academics” then “Academic Eligibility” then “Academic Eligibility Requirement”, or visit the clearinghouse Website at www.ncaaclearinghouse.net or call the NCAA Eligibility Center toll free at 877-622-2321. ***Read this information carefully.*** For students entering any college or university, your NCAA initial eligibility will be evaluated under the new rules as described on this website.

****Note:*** *Any class that a student takes off of the Monroe High School campus may or may not be an NCAA-approved class, even if the class counts toward graduation.* Students and parents are strongly encouraged to make sure that all classes taken at alternate location or from alternate institutions are approved by the NCAA ***before*** enrolling if the student plans on participating in NCAA athletics.

TEST SCORES

All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported to the clearinghouse.

AP CLASSES OFFERED

- AP Research
- AP Seminar
- AP Biology 2
- AP Calculus AB
- AP Computer Science
- AP English Language and Composition
- AP English Literature and Composition
- AP Environmental Science
- AP European History
- AP Human Geography
- AP Music Theory
- AP Physics One
- AP Psychology
- AP Spanish IV
- AP Spanish Literature & Culture
- AP Statistics
- AP US Government and Politics
- AP US History
- AP World History

CTE DUAL CREDIT CLASSES

- Marketing 3
- Intro to Sports Medicine
- Advanced Sports Medicine
- Engineering Design 1

Designators



College in the High School: College credits available through Everett Community College



CTE Dual Credit: Student may earn both high school and college credit if they demonstrate competency in all course outcome and receive a B grade or higher for the class. This is dependent on state funding.



Students have the opportunity to earn Industry-Based Certification through Precision Exams.



Class has been approved by NCAA

English

FOUR-YEAR PLANNING FOR ENGLISH

Students must earn 4.0 credits (eight semesters) of English to graduate.

Grade	MHS Graduation Requirement	College-Bound Recommendations
9	English Language Arts 9	<i>Honors English Language Arts 9</i>
10	English Language Arts 10	<i>Honors English Language Arts 10</i>
11	American Literature & Composition	<i>AP English Language/Composition</i>
12	English Language Arts 12	<i>AP English Literature/Composition</i>

GRADE 9

ENGLISH LANGUAGE ARTS 9

Requirement area: **English**

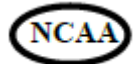
Course code: ELA112

Grade Level: 9

Prerequisite: None

Length: Year long (1.0 English credit)

Homework: 1 hour per week



Description: Students will use literary devices to analyze text as they study Narrative Structure, Setting, Mood & Imagery, Poetry, Theme & Symbol, and Argument & Persuasion. Throughout the course students will focus on critical reading, writing, listening, speaking, research and thinking skills.

HONORS ENGLISH LANGUAGE ARTS 9

Requirement area: **English**

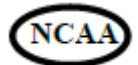
Course code: ELA152

Grade Level: 9

Prerequisite: None

Length: Year long (1.0 English credit)

Homework: 2 hour per week



Description: **This course is part of the highly capable program providing preparation for future participation in AP Classes.** Using Pre-AP teaching strategies, students will use literary elements to analyze complex text as they study Narrative Structure, Setting, Mood & Imagery, Poetry, Theme & Symbol, and Argument & Persuasion. Throughout the course students will focus on study skills and use critical reading, writing, listening, speaking, research and thinking skills.

English

GRADE 10

ENGLISH LANGUAGE ARTS 10

Requirement area: **English**

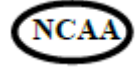
Course code: EEL212

Grade Level: 10

Prerequisite: Successful Completion of English Language Arts 9

Length: Year long (1.0 credit)

Homework: 1 hour per week



Description: In this course students will analyze/synthesize text as they study: Plot, Setting and Mood, Theme, Character Development, Narrative Devices, Argument and Persuasion, Poetry and Author's Style and Voice. Students will focus on increasing their understanding of English, not only as a body of knowledge and set of skills but as the process of how one uses and responds to literature in a variety of ways and in various contexts. This includes investigating how students use their understanding of great literature to help them better understand the world around them. A wide range of literature will be studied, and the students will be required to write a variety of essays including a research paper during the second semester.

HONORS ENGLISH LANGUAGE ARTS 10

Requirement area: **English**

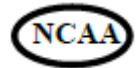
Course code: EEL250

Grade Level: 10

Prerequisite: Successful completion of English Language Arts 9

Length: Year long (1.0 credit)

Homework: 2 hours per week



Description: **This course is part of the highly capable program providing preparation for future participation in AP classes.** In this course students will analyze/synthesize text as they study: Plot, Setting and Mood, Theme, Character Development, Narrative Devices, Argument and Persuasion, Poetry and Author's Style and Voice. Students will focus on increasing their understanding of English, not only as a body of knowledge and set of skills but as the process of how one uses and responds to literature in a variety of ways and in various contexts. This includes investigating how students use their understanding of great literature to help them better understand the world around them. A wide range of literature will be studied, and the students will be required to write a variety of essays including a research paper during the second semester.

GRADE 11

AMERICAN LITERATURE AND COMPOSITION

Requirement area: **English**

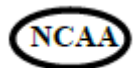
Course code: EJR300 (CHS - ENGL&111)

Grade Level: 11

Prerequisite: Successful completion of World Literature/Composition

Length: Year long (1.0 credit)

Homework: 1 hour per week



Description: Students will learn close reading skills and strategies to thoroughly analyze a variety of complex texts reflecting American authors and ideologies. Students will demonstrate critical thinking skills through various performance tasks in reading, writing and communication mediums.

English

GRADE 11 CONTINUED

AP ENGLISH LANGUAGE/COMPOSITION

Requirement area: **English or Elective**

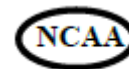
Course code: ELC350

Grade Level: 11

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 4-5 hours per week



Description: An AP course in English Language/Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations and subjects as well as the way genre conventions and the resources of language contribute to effectiveness in writing. This course is designed to prepare students to take the AP English Language Composition exam.

GRADE 12

ENGLISH LANGUAGE ARTS 12

Requirement area: **English or Elective**

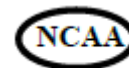
Course code: EWL412

Grade Level: 12

Prerequisite: Successful completion of American Literature/Composition or AP Eng Lang/Comp

Length: Year long (1.0 credit)

Homework: 1 hour per week



Description: Students will use close reading skills and strategies to thoroughly analyze and synthesize a variety of complex text reflecting Western European authors and ideologies. Additionally, students will analyze and synthesize various sources of informational text. Students will demonstrate critical thinking skills through various performance tasks in reading, writing and communication mediums.

AP ENGLISH LITERATURE/COMPOSITION

Requirement area: **English or Elective**

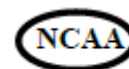
Course code: EWL452

Grade Level: 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 4-5 hours per week



Description: This special section of Western Literature/Composition will prepare students for the English Composition Advanced Placement examination administered each spring. Preparation will require that students do additional, often longer readings, and that they write critical papers more frequently. This class is based on AP examination scores. Students may earn advanced course placement and/or college credit at most colleges and universities.

English

ENGLISH ELECTIVES (These classes are for Elective credit only)

AP SEMINAR

Requirement area: **Elective**

Course code: GAP300

Grade Level: 11

Prerequisite: Must have been enrolled (or be concurrently enrolled in) 2 or more AP classes

Length: Year long (1.0 credit)

Homework: 3-4 hours per week

Description: AP Seminar is a foundational course that engages students in cross-curricular conversations where they can explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework students practice reading and analyzing articles, research studies and foundational, literary and philosophical texts; listening to and viewing speeches, broadcasts, personal accounts; and experiencing artistic works and performances. They synthesize information from multiple sources, develop their own perspectives in written essays and design and deliver oral and visual presentations, both individually and as a team. Ultimately the course aims to equip students with the power to analyze and evaluate information with accuracy and precision so they can craft and communicate evidence-based arguments. Exploring different points of view and making connections across disciplines are fundamental components of the AP Seminar experience. Students consider one topic or issue from multiple perspectives, many of which are divergent or competing. Analyzing topics through multiple lenses aids in interdisciplinary understanding and gives students a rich appreciation for the intricacy of important issues.

COLLEGE CHOICE SEMINAR

Requirement area: **Elective**

Course code: ECC400

Grade Level: 12

Prerequisite: None

Length: One semester (0.5 credit)

Homework: 0-1 hours per week

Description: This course is designed to support seniors in the complicated task of applying to college. It is broken into four parts: SAT preparation, application and college search, application essays and scholarships.

CONTEMPORARY LITERATURE

Requirement area: **Elective**

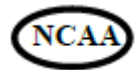
Course code: ECL300

Grade Level: 10, 11, 12

Prerequisite: Satisfactory completion of English Language Arts 9

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week



Description: Students will apply their knowledge of literary types and styles to the analysis of works that particularly challenge and develop their view of the modern world. This course is designed for students who enjoy reading and discussing literature. Course work includes reading books as a whole class, small group reading and individual choice reading. Frequent short papers, discussion, reports and projects based off fiction and non-fiction are an integral part of this class

English

CREATIVE WRITING I: THE SENTENCE

Requirement area: **Elective**

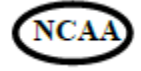
Course code: ECR301

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit) repeatable

Homework: 0-1 hours per week



Description: In this semester-long introduction to the crafts and techniques of poetry, fiction and creative non-fiction, students will write and revise their own work improving their craft through writing exercise and by discussing the writing of both published writers and their classmates. The course will also focus on learning to analyze a piece of writing critically to understand how an author creates meaning in a text.

CREATIVE WRITING 2: THE NOVEL

Requirement area: **Elective**

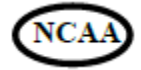
Course code: ECR302

Grade Level: 10, 11, 12

Prerequisite: Successful completion of English Language Arts 9

Length: 1 semester (0.5 credit), repeatable

Homework: 0-1 hours per week



Description: The focus of this class is the creation of a novel. Students will work with storyboarding, character, point of view and other narrative techniques. The result is a novel that is bound and ready to be sent to publication.

SHAKESPEARE 2: COMEDIES AND TRAGEDIES

Requirement area: **Elective**

Course code: ESH302

Grade Level: 10, 11, 12

Prerequisite: English Language Arts 9

Length: One semester (0.5 credit)

Homework: 0-1 hours per week

Description: Shakespeare II deals with the second half of his works focusing on the comedic and tragic plays. This course is designed to make Shakespeare accessible to students by focusing on language play and the universal themes that resonate still in our society. Student will write critical essays, perform large portions of several plays and engage in Socratic Seminars on universal themes.

English

AP WRITING SUPPORT A/B

Requirement area: **Elective**

Course code: GWS001/GWS002

Grade Level: 9, 10, 11, 12

Prerequisite: Enrollment in an AP course & enrollment in an English class or instructor approval. Repeatable

Length: 1 semester (0.5 credit), repeatable

Homework: None

Description: In this course we will build essential skills for students to feel confident and be successful in AP level English courses and beyond. We will focus on: elements of English grammar (sentence structures, word parts, vocabulary, etc.), essential aspects of rhetoric and argument, revision and editing skills, and course materials relevant to students' core English class.

POETRY

Requirement area: **Fine Art or Elective**

Course code: EPO100

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: One semester (0.5 credits)

Homework: 0-1 hour per week

Description: Students will study and explore the basic elements of poetry, important types of poems and fundamental poetic techniques as they seek to understand, analyze and write poetry. Student will read and discuss different forms of poetry from various time periods and use those poems for literary analysis as well as models for writing their own poetry.

FILM LITERATURE

Requirement area: **Fine Art or Elective**

Course code: AFL300

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week

Description: Film literature is a study of the language of film and how it is applied to literature terms. Students will examine the visual interpretation of literary techniques and the limitations or special capacities of film versus text to present a literary work. Students will examine how films portray the human condition and the roles of men and women and the various ethnic and cultural minorities in the past and present. Different genres of film will be explored. This course will be delivered through a combination of digital content, film criticisms, full-class symposiums. Students who take this class should be excited about film and literature. The course will culminate with a special project that demonstrates knowledge, application and progress in the Film Literature course.

Fine Arts

Two years (4 semesters) of Fine Arts required

ART 1

Requirement area: **Fine Art or Elective**

Course code: ART110

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week

Fee: \$30 per semester

Description: This is a foundational one-semester course designed to provide students with experiences in both two and three-dimensional art. Students will use a wide range of media including pencil, ink, tempera, watercolor and acrylic paints, pastels and clay to explore the elements and principles of art and design. This exciting class gives students the opportunity to explore creative expression while learning techniques in drawing, painting, printmaking, book arts, sculpture and mixed media. All levels of artistic experience are welcome.

ART 2

Requirement area: **Fine Art or Elective**

Course code: ART112

Grade Level: 9, 10, 11, 12

Prerequisite: Art 1

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week

Fee: \$30 per semester

Description: Art II is a one-semester course designed as a continuation of the Art I foundation course. This semester is intended to further develop the skills and techniques acquired in Art I. Students will learn different methods for creating two and three-dimensional art. In this course students will further examine the elements and principles of art and design, again using a wide range of media including pencil, ink, tempera, watercolor and acrylic paints, pastels and clay. Students who enroll in this course should have a desire to gain a more in-depth knowledge of the media and techniques explored in Art I.

ART 3

Requirement area: **Fine Art or Elective**

Course code: ART113

Grade Level: 10, 11, 12

Prerequisite: Art II

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$60 per year

Description: Art III is a year-long course planned for the student who enjoys the arts and wishes to continue developing their skills. Students who enroll in this course should be self-motivated and demonstrate technical and creative abilities. Students will continue to expand their range of techniques and media, while focusing on concepts present in their artwork. Development of ideas in addition to the aesthetic value of artwork is the major theme of this course. We will be examining how the ways in which we think and see affect the art we make. Students will enjoy creating a variety of artwork using various two and three-dimensional media.

Fine Arts

ART 4

Requirement area: **Fine Art or Elective**

Course code: ART114

Grade Level: 11, 12

Prerequisite: Art III

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$60 per year

Description: Art IV is a year-long course planned for the serious art student who excels in and enjoys the arts. This course challenges students with interesting projects in an array of two and three-dimensional media. Students who enroll in this course should be very self-motivated and demonstrate high technical and creative abilities. Students will continue to expand their range of techniques and media, while focusing on development of personal style. Conceptual art remains a focus in this course with projects that require the artist to convey a story. As portfolio development is at the core of this course, Art IV is an exciting year of art for students who are beginning to think about art as a career or avocation.

ART 5

Requirement area: **Fine Art or Elective**

Course code: ART115

Grade Level: 12

Prerequisite: Art IV

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$80 per year

Description: Art V is a year-long course offered for the student who excels in the visual arts and is committed to pursuing art beyond high school as a profession or avocation. Refinement of personal style is a major focus for this course along with further development of a professional art portfolio. Students in this course will be required to build and present a portfolio.

INTRODUCTION TO DRAWING

Requirement area: **Fine Art or Elective**

Course code: ART118

Grade Level: 9, 10, 11, 12

Prerequisite: Art 1

Length: 1 semester (0.5 credit), repeatable

Homework: 0-1 hour per week

Fee: \$30 per semester

Description: This course focuses on the development of observational skills and drawing techniques employing a wide range of drawing media including charcoal, graphite, pastels and ink. Students in this course will develop both technical abilities and creative responses to material and subject matter. No prior experience with drawing is required or expected.

Fine Arts

POTTERY AND SCULPTURE

Requirement area: **Fine Art or Elective**

Course code: ART117

Grade Level: 9, 10, 11, 12

Prerequisite: Art I

Length: One semester (0.5 credit), repeatable

Homework: 0-1 hour per week

Fee: \$35

Description: Basic course in creative design, pottery and sculpture. The pottery unit includes instruction in clay hand building techniques and wheel throwing. Basic skills of glazing and decoration are included in the course. The sculpture unit offers experience in additive, subtractive and assemblage techniques.

UGLY ART

Requirement area: **Fine Art or Elective**

Course code: AUA000

Grade Level: 9, 10, 11, 12

Prerequisite: Art I

Length: One semester (0.5 credit)

Homework: 0-1 hour per week

Fee: \$35

Description: Students will explore a variety of artists, art processes and materials with a dominant focus on 3D mediums such as ceramics, wire, plaster, mache, concrete, etc. We will create creatures, gargoyles, aliens, etc. and delve into the corners of art that could be referred to as weird, strange, macabre or ugly.

Fine Arts

BAND -Performing Arts

CONCERT BAND

Requirement area: **Fine Art or Elective**

Course code: CCB112

Grade Level: 9, 10, 11, 12

Prerequisite: Previous concert band experience (2 years minimum)

Length: Year long (1.0 credit)

Homework: 1 hour per week

Fee: \$58

Description: This ensemble will include all band students who are in the 9th grade. ***Ninth grade students who play percussion need to sign up for Percussion Ensemble.*** The concert band will perform at the same performances as the Symphonic Band and Wind Ensemble. Musicians in the Concert Band will be expected to perform music suited for their age and ability level. Goals: To continue the year-to-year progression of proper development of skills, technique and methods to better understand and appreciate music and music performance. Marching skills and pep band music will be learned during the fall semester as well as concert band literature. Performances are required for all members of the ensemble and can include evening concerts, school performances, marching during half time at football games, playing at some home basketball games (5 minimum), community performances and festivals.

FLUTE ENSEMBLE

Requirement area: **Fine Art or Elective**

Course code: CGE212

Grade Level: 9, 10, 11, 12

Prerequisite: Flutists enrolled in band or instructor's permission

Length: 1 semester (0.5 credit), repeatable

Homework: 1 hour per week

Description: This new ensemble is open to all flutists either enrolled in band at MHS or permission of instructor. Flute Ensemble will give students the unique opportunity to perform on all members of the flute family: Piccolo, alto flute and bass flute as well as expose students to both original repertoire and arrangements from throughout all style periods and musical genres. This ensemble will help flutists hone their chamber music skills as well as work on all aspects of flute playing such as: tone production, technique, intonation, blending, breathing/breath control, as well as building and improving practice skills. In addition, students will work on ear training, solfège and music theory/analysis. Depending on the size of the ensemble, a goal would be to perform works as a whole group both with and without a conductor, as well as form smaller, student-led chamber groups. Flute Ensemble will perform at school events and travel to perform in community events, solo and ensemble and other performance opportunities and venues as they arise.

Fine Arts

JAZZ BAND

Requirement area: **Fine Art or Elective**

Course code: CJB212

Grade Level: 9, 10, 11, 12

Prerequisite: Previous band experience and consent of instructor

Length: Year long (1.0 credit)

Homework: 1 hour per week

Description: This is a class for the exceptionally skilled instrumentalist. The class will be limited to standard jazz band instrumentation of trumpets, trombones, saxophones and rhythm (piano, guitar, electric bass, drum set). Emphasis is placed on the performance of jazz literature. Students will have the opportunity to play improvised solos. The jazz band will travel and perform at jazz festivals in the Northwest and local concerts for the community and school. Attendance at performances is required. **Members will be expected to purchase agreed upon concert attire.**

PERCUSSION ENSEMBLE

Requirement area: **Fine Art or Elective**

Course code: CPE212

Grade Level: 9, 10, 11, 12

Prerequisite: Consent of the instructor and previous Concert Band experience (2 years minimum)

Length: Year long (1.0 credit)

Homework: 1 hour per week

Fee: \$58

Description: The percussion ensemble is for all percussionists. The percussion ensemble will perform at all home football games as part of the marching band as well as selected home basketball games. Members will also perform with the Concert band, Symphonic band and Wind Ensemble at concerts as well as perform separately as a Percussion Ensemble. The Percussion Ensemble will travel and compete at state and Northwest festivals. Performances are required for all members of the ensemble and can include evening concerts, school performances, marching during half time at football games, community performances, playing at some home basketball games (5 minimum) and festivals.

SYMPHONIC BAND

Requirement area: **Fine Art or Elective**

Course code: CSB212

Grade Level: 10, 11, 12

Prerequisite: Previous Concert Band experience (3 years minimum) and consent of instructor

Length: Year long (1.0 credit)

Homework: 1 hour per week

Fee: \$58

Description: This ensemble will include students who choose not to audition for the Wind Ensemble as well as those students not selected for the Wind Ensemble. The Symphonic Band is for advanced musicians. The Symphonic Band will perform at the same performances as the Concert Band and Wind Ensemble. Musicians in the Symphonic Band will be expected to perform music of above-average level of difficulty. Goals: To continue the year-to-year progression of proper development of skills, technique and methods to better understand and appreciate music and music performance. Marching skills and pep band music will be learned during the fall semester as well as concert band literature. Performances are required for all members of the ensemble and can include evening concerts, school performances, community performances, playing at some home basketball games (5 minimum), marching during half time at football games and festivals. The Symphonic Band will travel and participate in festivals and parades.

Fine Arts

WIND ENSEMBLE

Requirement area: **Fine Art or Elective**

Course code: CWE112

Grade Level: 10, 11, 12

Prerequisite: Previous concert band experience (3 years minimum), selection by audition and/or consent of instructor. Taking private lessons is encouraged.

Length: Year long (1.0 credit)

Homework: 1 hour per week

Fee: \$58

Description: The Wind Ensemble is for advanced musicians. Students are encouraged to take private lessons. Musicians in the Wind Ensemble will be expected to perform literature of the highest level appropriate for their age/ability level. The Wind Ensemble will perform at the same performances as the Concert Band and Symphonic Band. Additional tours and festivals will be included for this group. Performances are required for all members of the ensemble and can include evening concerts, school performances, marching during half time at football games, playing at some home basketball games (5 minimum) community performances and festivals.

Performing Arts—CHOIR

JAZZ CHOIR

Requirement area: **Fine Art or Elective**

Course code: CJE212

Grade Level: 10, 11, 12

Prerequisite: Participation in a concert band or choir and at least one year of experience in an ensemble at the high school. Must pass an audition

Length: Year long (1.0 credit)

Homework: 1 hour per week

Description: Music from this group will feature a variety of styles of music within the context of jazz. This will include swing, be-bop, Latin jazz, ballads and funk/waltz pieces. This is the premier auditioned ensemble at MHS and is the most viewed group in the community. Students will attend choir concerts in addition to evening rehearsals, tours, community performances and jazz festivals/competitions. Students will continue their work on concert literature with an emphasis on style, music literacy, harmony and performance. Groups are selected by the Director and are not subject to change during the year. Membership in these groups requires attendance in either a daytime choir or band for music reading skills.

MONROE MIXED CHOIR

Requirement area: **Fine Art or Elective**

Course code: CMC312

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Description: Beginning Choir is for all students new to choir. Class will focus on music theory, sight-singing, vocal technique and preparing pieces for performance. Students are expected to attend evening concerts (4) and Large Group Regional Choir Contest in March.

Fine Arts

TREBLE CHOIR

Requirement area: **Fine Art or Elective**

Course code: CBC100

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Description: Treble Choir is for all treble singers new to singing in a group. Class will focus on sight-singing, music theory, vocal technique and preparing pieces for performance. Students are expected to attend evening concerts and logistical dress rehearsal prior to the concert. Students will also attend the regional Large Group Contest in March. **Members will be expected to purchase agreed upon concert attire.**

VARSITY CHOIR

Requirement area: **Fine Art or Elective**

Course code: CMC112

Grade Level: 9, 10, 11, 12

Prerequisite: Audition with the instructor to join the class

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Description: The advanced large ensemble is for all treble and bass singers who have completed one year of music at MHS and have met all course objectives in the sight singing and music theory or passed an audition proving knowledge of these musical concepts. Students in this group will be required to attend all choir events, evening rehearsals, sectionals outside of class, competitions and tours. Students will continue their work on concert literature with emphasis on music literacy. **Members will be expected to purchase agreed upon concert attire.**

Performing Arts—Other

KEYBOARDING FOR PIANO

Requirement area: **Fine Art or Elective**

Course code: CBP101/CBP102

Grade Level: 9, 10, 11, 12

Prerequisite: None. Repeatable

Length: 1 semester (0.5 credit)

Homework: None

Description: Students will learn the basic skills of playing the piano, reading music and interpreting the music. The class will cover proper finger techniques on the piano and rudiments of basic music theory. This will include learning scales, chords, chord inversions, chord cadences, key signatures, fingering, phrasing, dynamics and memorization. Students will be expected to perform for other students in the class.

AP MUSIC THEORY

Requirement area: **Fine Art or Elective**

Course code: CMT100

Grade Level: 10, 11, 12

Prerequisite: Basic music skills test

Length: Year long (1.0 credit)

Fee: \$25

Homework: 2-3 hours per week

Description: This class is a comprehensive study of the elements of music composition including melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Students will develop their ability to take musical dictation as well as their listening skills, sight-reading and some keyboard harmony.

Fine Arts

Performing Arts—DRAMA

ADVANCED DRAMA

Requirement area: **Fine Art or Elective**

Course code: AAD300

Grade Level: 10, 11, 12

Prerequisite: Drama 1

Length: 1 semester (0.5 credit), repeatable

Homework: 0-1 hour per week

Descriptions: Students selecting this course will learn advanced dramatic production skills and will engage in acting techniques and skills such as movement, voice, character development and improvisation. Emphasis will be placed on reading and interpretation of dramatic literature and directing unit will also be emphasized. Students will be exposed to a vast array of theater from works of early drama to contemporary plays. This class will be structured as a performance class incorporating the talents of accomplished students of theater and will end with a full production being rehearsed and performed.

ADVANCED TECHNICAL THEATER

Requirement area: **Fine Art or Elective**

Course code: ATT300

Grade Level: 10, 11, 12

Prerequisite: Behind the Curtain

Length: 1 semester (0.5 credit), repeatable

Homework: 0-1 hour per week

Descriptions: Advanced Technical Theater allows students a more practical hands-on approach to all the work that happens behind the scenes in a show. Students will be actively working on the Fall Play or the Spring Musical allowing them to see their work come to life on stage each semester.

BEHIND THE CURTAIN: INTRO TO TECHNICAL THEATER

Requirement area: **Fine Art or Elective**

Course code: AIT100

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week

Description: Students will learn multiple elements of theatrical design including: Set design, light design, sound design, costume design and makeup design. Student will also look at stage management and an introduction to directing a theatrical production.

DRAMA 1

Requirement area: **Fine Art or Elective**

Course code: ADR112

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week

Description: Students must have a sincere interest in drama and willingness to perform on stage. Students will learn theater history, analyze plays from scripts and live productions and practice theater basics. Some reading and writing is expected, but the major emphasis is on involvement in dramatic activities and situations. Students will engage in acting techniques and skills such as movement, voice, character development and improvisation.

Fine Arts

MUSICAL THEATER PERFORMANCE

Requirement area: **Fine Art or Elective**

Course code: AMT101

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit), repeatable

Homework: 0-1 hour per week

Description: This intro level course will encourage growth in acting, vocal production and basic music skills, choreography and dance. Students will gain a foundational understanding of the skills needed to audition and perform. Through multiple performance opportunities, students will be better prepared for further involvement in singing, dancing, and acting in the Fine Arts program. Attendance will be required outside of class time for performances.

Fine Arts

Technical Arts

FLORICULTURE/FLORAL DESIGN I

Requirement area: CTE, Fine Art or Elective

Course code: VFF100

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Semester (0.5 credit), repeatable

Homework: Rare

Fee: \$20



Description: Floriculture is the study of floral design. This course is beneficial to students of all ages within the high school. Students will develop skills in plant maintenance, the proper use of plants, floral design and construction, floral tools, safety practices, sales and customer relations. Emphasis is placed on the art of floral design and production of flowers and plants. This course is a great way to learn more about floral and horticulture industries. The greenhouse provides a hands-on lab environment for student projects and experiments, along with the opportunity to manage a retail business.

GRAPHIC DESIGN 1

Requirement area: CTE, Fine Art or Elective

Course code: VGC100

Grade Level: 9, 10, 11, 12

Prerequisite: Basic computer skills are helpful

Length: 1 semester (0.5 credit)

Homework: None



Description: Students will learn about the world of graphic design, which includes typography, logo design, color theory, infographics, layout design and product packaging. Students will also learn to develop a critical eye for design standards and project presentation by reviewing professional portfolios and current design trends. Students will consider a design's purpose and audience and evaluate its effectiveness. To accomplish these tasks, student will use software such as Adobe PhotoShop to edit photos, Adobe InDesign to create printed materials, Adobe Illustrator to design original graphics and logos.

ADVANCED GRAPHIC DESIGN

Requirement area: CTE, Fine Art or Elective

Course code: VGA300

Grade Level: 9, 10, 11, 12

Prerequisite: Graphic Design 1

Length: 1 semester (0.5 credit)

Homework: None



Description: In Advanced Graphic Design students will work to further develop their design skills. Time will be divided between class assignments that teach new skills and working independently on learning projects approved by the teacher. Student will have the opportunity to compete in advertising and design competitions. Careers in graphic design will also be explored in this course.

Fine Arts

MULTIMEDIA

Requirement area: CTE, Fine Art or Elective

Course code: VMM000

Grade Level : 9, 10, 11, 12

Prerequisite: Basic computer skills are helpful

Length: 1 semester (0.5 credit)

Homework: 30 minutes weekly



Description: Multimedia is the combination of video, animation, audio, photos and text to express emotions, communicate thoughts and demonstrate creativity. Students will explore several ways of expressing themselves digitally by developing and utilizing the elements and principles of visual arts in a world that craves digital media in all career pathways. Student will film their own works using school cameras/microphones and edit using multiple programs from Adobe's Creative Suite. Camera phones and app or online editing software will also be explored as alternatives to generate various forms of media.

ADVANCED MULTIMEDIA

Requirement area: CTE, Fine Art or Elective

Course code: VAM015

Grade Level : 9, 10, 11, 12

Prerequisite: Multimedia

Length: 1 semester (0.5 credit)

Homework: Optional



Description: In Advanced Multimedia students will further their creativity and skills learned in Multimedia. Time will be divided between class assignments that teach new skills and working independently on learning projects approved by the teacher.

PHOTOGRAPHY 1

Requirement area: CTE, Fine Art or Elective

Course code: ACP100

Grade Level: 9, 10, 11, 12

Prerequisite: Basic computer skills are helpful

Length: 1 semester (0.5 credit)

Homework: None

Fee: \$15



Description: This course prepares students to creatively communicate ideas and information to an audience using photography. Students will learn basic digital camera operations, lens functions, exposure control and camera-to-computer download. Rules of composition will be incorporated through the course. Students will learn how to apply lessons practically to their use of camera phones. This course will also include discussion of history, ethics and trends photography. Adobe PhotoShop will be used to learn photo retouching and manipulation.

Fine Arts

ADVANCED PHOTOGRAPHY

Requirement area: **CTE, Fine Art or Elective**

Course code: APH000

Grade Level: 9, 10, 11, 12

Prerequisite: Photography 1

Length: 1 semester (0.5 credit)

Homework: 30 minutes per week

Fee: \$15



Description: This course builds on previous learning to advance students' use of photography. Students will learn advanced digital camera operations, lens functions, exposure control and studio lighting. Students will be encouraged to continue using rules of composition while pushing themselves in creativity with various project such as still life, light painting, macro, product and food photography. Advanced editing and manipulation will be taught using Adobe PhotoShop and Light room. Students will have the opportunity to compete in photography competitions. Personal dslr camera is helpful.

YEARBOOK

Requirement area: **CTE, Fine Art or Elective**

Course code: EPY212

Grade Level: 10, 11, 12

Prerequisite: None (*Enrollment by application*)

Length: Year long (1.0 credit)

Homework: 0-1 hour per week



Description: This course produces the Monroe High School yearbook, *Hayu Saghalie*. Page design, photography and journalism are emphasized and the goal is to produce a high-quality yearbook for Monroe High School's students. Students will work with sophisticated software such as Photoshop and InDesign. Students will work in teams and use creative thinking to solve problems of coverage and production. Self-starters and motivated students are especially encouraged to apply. Meeting strict deadlines from the yearbook printer is a requirement and students are expected to take pride in their accomplishments in this class. Yearbook is project-based learning at its best and colleges highly regard this course on college applications. Leadership (Editor) positions are available. **ENROLLMENT SUBJECT TO APPLICATION PROCESS.**

Fine Arts

Fine Arts—MISCELLANEOUS

POETRY

Requirement area: **Fine Art or Elective**

Course code: EPO100

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: One semester (0.5 credits)

Homework 0-1 hour per week

Description: Students will study and explore the basic elements of poetry, important types of poems and fundamental poetic techniques as they seek to understand, analyze and write poetry. Student will read and discuss different forms of poetry from various time periods and use those poems for literary analysis as well as models for writing their own poetry.

FILM LITERATURE

Requirement area: **Fine Art or Elective**

Course code: AFL300

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

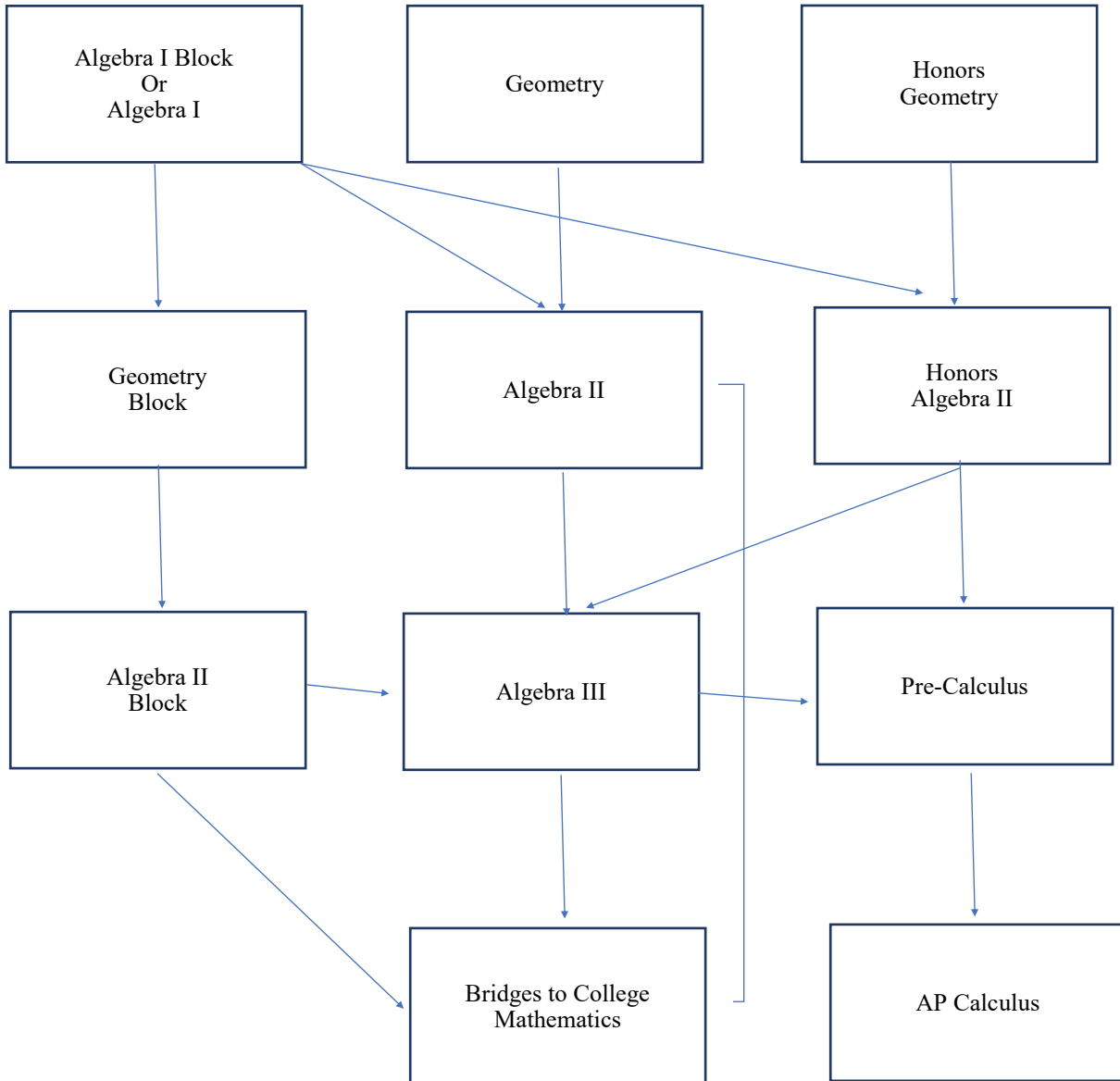
Homework 0-1 hour per week

Description: Film literature is a study of the language of film and how it is applied to literature terms. Students will examine the visual interpretation of literary techniques and the limitations or special capacities of film versus text to present a literary work. Students will examine how films portray the human condition and the roles of men and women and the various ethnic and cultural minorities in the past and present. Different genres of film will be explored. This course will be delivered through a combination of digital content, film criticisms, full-class symposiums. Students who take this class should be excited about film and literature. The course will culminate with a special project that demonstrates knowledge, application and progress in the Film Literature course.

MONROE HIGH SCHOOL MATH PATHWAY

Math Every Day

Math Every Other Day



AP Statistics can be taken any time after Algebra II with teacher recommendation

Mathematics

FOUR-YEAR PLANNING FOR MATH

Three years of math (3.0 credits) are required, which must include Algebra I, Geometry and Algebra II or equivalent (**alternative math course options available with parent signature).

Math is not restricted to any specific grade level and it is a sequential learning subject. **College-bound students should consult their college of choice and program of study to determine the math requirement and level of math required for admission.**

	<u>MHS Graduation Requirements</u>	<u>College-Bound Recommendations</u>
9	1 year (1.0 credit)	1 year
10	1 year (1.0 credit)	1 year
11	1 year (1.0 credit)	1 year
12	Optional	1 year

ALGEBRA I BLOCK

Requirement area: **Math or Elective**

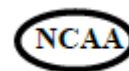
Course code: MAB101/MAB102

Grade Level: 9 or 10, 11 with teacher recommendation

Prerequisite: Pre-Algebra or 8th grade math

Length: Year long (2 credits)

Homework: 1 to 3 hours per week



(Option 1: Two Math credits. Option 2: One (1) Math and one (1) Elective Credit)

Description: This is a two-period class. This blocked Algebra I course is taught in 3 Modules and covers the content of the state-required Algebra I course. The primary focus of each of the modules is as follows: Module 1 – Linear equations and functions, Module 2– Linear functions and systems of linear functions, Module 3– Polynomials and quadratic functions.

There are 2 options for completing this course. The first is for the advanced student and will allow them to move at a faster pace. The second option is for struggling or on-grade level students needing a bit more time and support to successfully complete Algebra I.

***Option 1:** In the first semester if all requirements and proficiency are met at each of the 3 Modules, the student will complete Algebra I and earn 1.0 math credit in one semester. They will complete Geometry and earn 1.0 math credit second semester. This gives the student 2 of their required math credits.

***Option 2:** If proficiency is not met after any of the 6-week module periods in the first semester students will continue to take Algebra I for both semesters. They will earn 1.0 math credit and 1.0 elective credit.

Algebra I is a Washington State required course.

Mathematics

ALGEBRA 1

Requirement area: **Math or Elective**

Course code: MAL112

Grade Level: 9, 10, 11, 12

Prerequisite: Pre-Algebra or 8th grade math

Length: Year long (2.0 credits -1 math and 1 elective)

Homework: 0 to 1 hour per week



Description: This is a two-period class. This class will provide additional time and support for students as they study basic algebraic concepts and skills. Topics include introduction to variables and functions, algebraic properties, solving linear equalities and inequalities, and graphing functions from a rule, table or graph. Students study linear equations and their graphs, solving systems of equations and inequalities, explore exponential, quadratic, and polynomial functions, solve by factoring and solve problems involving probability and statistics.

ALGEBRA 2

Requirement area: **Math or Elective**

Course code: MAL312

Grade Level: 9, 10, 11, 12

Prerequisite: Completion of Geometry

Length: Year long (1.0 credit)

Homework: 2 to 4 hours per week



Description: This course includes mathematical topics in first semester such as linear, quadratic, polynomial, exponential and logarithmic functions. Students should expect to purchase a graphing calculator to be used regularly while studying polynomial, exponential and logarithmic functions. In second semester students study rational, radical, and trigonometric functions, probability and statistics.

ALGEBRA 2 BLOCK

Requirement area: **Math or Elective**

Course code: MAL314 & MAE000

Grade Level: 9, 10, 11, 12

Prerequisite: Enrolled in Algebra 2, completion of completion of Geometry 1

Length: Year long (1.0 Math credit + 1.0 Elective credit = 2.0 credits)

Homework: None

Description: This class will be taken concurrent with an Algebra 2 class and will therefore allow students to have Algebra 2 every day instead of every other day. By having Algebra 2 every day students will have the opportunity to get more work time in class, more chances to ask questions about their homework and assessments, more opportunities to review skills as needed, etc. Along with the Algebra 2 content students will focus on note taking, organization, advocating for themselves and other student skills. This course is designed for students who know that they just need a little extra time and help from their teacher to be successful.

Mathematics

ALGEBRA 3

Requirement area: **Math or Elective**

Course code: MAL412

Grade Level: 9, 10, 11, 12

Prerequisite: Completion of Algebra 2

Length: Year long (1.0 credit)

Homework: 2 to 4 hours per week

Description: This course covers a variety of topics from Algebra 2 to Pre-calculus to SAT material. The intent of this course is to prepare students to move on to and be successful in Pre-calculus. Units will include Functions, Polynomials and Rational Functions, Exponential and Logarithmic Functions, Radians, Unit Circle, Trigonometry and more.

AP CALCULUS AB

Requirement area: **Math or Elective**

Course code: MCA450

Grade Level: 11, 12

Prerequisite: Completion of Pre-Calculus or Honors Pre-Calculus

Length: Year long (1.0 credit)

Homework: 5 to 10 hours per week



Description: This course will prepare students for the Calculus AB Advanced Placement examination administered each spring. Students in this course are strongly encouraged to take the AP exam. Calculus AB is equivalent to a college level course. Topics include: Pre-Calculus review, limits and continuity, derivatives, applications of derivatives, definite integrals, differential equations and application of definite integrals. **Based on AP examination scores, students may earn advanced course placement and/or college credit at most colleges and universities.**

AP COMPUTER SCIENCE A

Requirement area: **CTE, Math, Science or Elective**

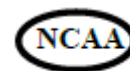
Course code: VCS300

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Introduction to Computer Science Principles or Instructor permission

Length: Year long (1.0 credit)

Homework: 3-5 hours per week



Description: AP Computer Science A is equivalent to a first-semester college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data, (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small simple problems to large complex problems. The AP Computer Science A course curriculum is compatible with many CSI courses in colleges and universities.

Mathematics

BRIDGE TO COLLEGE MATHEMATICS

Requirement area: **Math or Elective**

Course code: MBC400

Grade Level: 12

Prerequisite: Completion of Algebra 2

Length: Year long (1.0 credit)

Homework: 1 to 2 hours per week

Description: This senior-level course is designed to focus on building conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. For seniors who are successful in this course (B or better), the Bridge to College Mathematics course offers guaranteed placement into a college-level course when entering most WA community or technical colleges directly after high school, as well as satisfies the math SBAC graduation requirement. Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data.

FINANCIAL ALGEBRA

Requirement area: **CTE, Math or Elective**

Course code: MFF300

Grade Level: 11, 12

Prerequisite: Algebra I and Geometry (*If taken to meet third year math credit, parent/guardian signature required*)

Length: Year long (1.0 credit)

Homework: 0 to 1 hour per week

Description: Students need to be informed about their financial responsibilities today and to prepare for the real choices ahead. In this course they will learn about career decisions, money management, financial security, credit management, resource management, risk management, and consumer rights and responsibilities and how it relates to math concepts and calculations. This course will qualify for credit for the third year of Career Math. It must be connected to the student's High School and Beyond plan and required signatures must be on file. (If you don't need math credit and are looking for financial literacy, then consider the Personal Finance course)



GEOMETRY

Requirement area: **Math or Elective**

Course code: MGE212

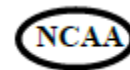
Grade Level: 9, 10, 11, 12

Prerequisite: Completion of Algebra I

Length: Year long (1.0 credit)

Homework: 1 to 3 hours per week

Description: Topics include: Deductive and inductive reasoning, analyzing mathematical rules using algebraic proofs, proving geometric theorems involving parallel and perpendicular lines and congruent angles. Students also explore properties of triangles, proving triangle congruence and similarity and the Pythagorean Theorem. Students use properties of polygons to classify, find perimeter and area, and to prove theorems regarding special parallelograms. Similarity and congruence of two and three-dimensional figures, transformational geometry, right triangle geometry and trigonometry are also taught.



Mathematics

GEOMETRY BLOCK

Requirement area: **Elective**

Course code: MGE214 & MGE000

Grade Level: 9, 10, 11, 12

Prerequisite: Enrolled in Geometry, completion of Algebra 1

Length: One year (1.0 Math credit + 1.0 Elective credit = 2 credits)

Homework: None

Description: This class will be taken concurrent with a Geometry class and will therefore allow students to have Geometry every day instead of every other day. By having Geometry every day students will have the opportunity to get more work time in class, more chances to ask questions about their homework and assessments, more opportunities to review skills as needed, etc. Along with the Geometry content students will focus on note taking, organization, advocating for themselves, and other student skills. This course is designed for students who know that they just need a little extra time and help from their teacher to be successful.

HONORS ALGEBRA II

Requirement area: **Math or Elective**

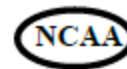
Course code: MAL313

Grade Level: 10, 11

Prerequisite: Completion of Honors Geometry or teacher recommendation

Length: Year long (1.0 credit)

Homework: 2 to 4 hours per week



Description: This course is designed to support students to delve deeper into Algebra II concepts and skills, to pursue extensions and enrichment topics, and to create their own applications. Students are required to have a graphing calculator for this course.

HONORS GEOMETRY

Requirement area: **Math or Elective**

Course code: MGE213

Grade Level: 9, 10

Prerequisite: Completion of Algebra I and teacher recommendation

Length: Year long (1.0 credit)

Homework: 1 to 3 hour per week



Description: This course is designed to support students in delving deeper into geometric concepts and skills, pursue extensions and enrichment topics and to create their own applications.

Mathematics

PRE-CALCULUS

Requirement area: **Math or Elective**

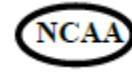
Course code: MMA350 (MATH&141/142)

Grade Level: 9, 10, 11, 12

Prerequisite: Completion of Honors Algebra 2 or Algebra 3 (A or B recommended) or teacher recommendation

Length: Year long (1.0 credit)

Homework: 2 to 3 hours per week



Description: This course is for students intending to take Calculus in high school or college. Students will strengthen their understanding of the concepts introduced in Algebra 2 and learn to use various combinations of skills to solve complex problems. First semester topics include an exploration of functions and their graphs; right triangle trigonometry; the derivation of the unit circle and uses of trigonometric identities. Second semester topics include additional trigonometry including Law of Sines and Cosines; vectors; systems of equations/inequalities; matrices and determinants; sequences, series, and probability; and an introduction to conics.

AP STATISTICS

Requirement area: **Math or Elective**

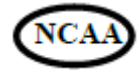
Course code: MST400

Grade Level: 11, 12

Prerequisite: Completion of Algebra II or by teacher recommendation

Length: Year long (1.0 credit)

Homework: 2 to 4 hours per week



Description: This course in statistics will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to these broad conceptual themes:

1. Exploring one-variable and two-variable data
2. Collecting Data
3. Probability, Random Variables and Probability Distributions
4. Sampling Distributions
5. Inference for Categorical Data
6. Inference for Quantitative Data

CAREER AND TECHNICAL EDUCATION—1.0 credit required

Cooperative Work Site Learning— Earn 0.5 Elective or CTE credit for 180 hours of Qualified Work Experience.
 *Must have qualified concurrent or prior CTE class.



Students have the opportunity to earn Industry Based Certification through Precision Exams



DC *CTE Dual Credit: College credit for high school students in qualified classes and meet course requirements.

Agriculture & Science FFA-Future for Agriculture	Arts/AV Technology & Communication SkillsUSA	Business Management DECA-An Association of Marketing Students
<ul style="list-style-type: none"> • Agri-Science 	<ul style="list-style-type: none"> • Multimedia 1 	<ul style="list-style-type: none"> • ASB Specialty Position
<ul style="list-style-type: none"> • Agriculture Business & Management/SAE 	<ul style="list-style-type: none"> • Advanced Multimedia 	<ul style="list-style-type: none"> • ASB Officers
<ul style="list-style-type: none"> • Animal Grooming 	<ul style="list-style-type: none"> • Graphic Design 1 	<ul style="list-style-type: none"> • Accounting
<ul style="list-style-type: none"> • Animal Science 1 	<ul style="list-style-type: none"> • Advanced Graphic Design 	<ul style="list-style-type: none"> • Business Law
<ul style="list-style-type: none"> • Animal Science 2 Production 	<ul style="list-style-type: none"> • Photography 1 	<ul style="list-style-type: none"> • Economics
<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • Advanced Photography 	<ul style="list-style-type: none"> • Financial Fitness
<ul style="list-style-type: none"> • Environmental Science 	<ul style="list-style-type: none"> • Yearbook 	<ul style="list-style-type: none"> • Marketing I - Introduction
<ul style="list-style-type: none"> • Floriculture/Floral 		<ul style="list-style-type: none"> • Marketing II - Retail Operations
<ul style="list-style-type: none"> • Food Science and Performance Nutrition 		<ul style="list-style-type: none"> • Marketing III - Management (DC)
<ul style="list-style-type: none"> • Horticulture 1 		<ul style="list-style-type: none"> • Microsoft Apps
<ul style="list-style-type: none"> • Horticulture 2 -Landscaping & Greenhouse Crop Operations 		<ul style="list-style-type: none"> • Personal Finance <hr/> <ul style="list-style-type: none"> • Sports and Entertainment Marketing
Health Sciences WCTSMA Washington Career & Technical Education Sports Medicine Association	Human Services & Hospitality FCCLA-Family, Career, Community Leaders of America	Manufacturing & STEM SkillsUSA
<ul style="list-style-type: none"> • Advanced Sports Medicine (DC) 	<ul style="list-style-type: none"> • Baking and Desserts 	<ul style="list-style-type: none"> • AP Computer Science A
<ul style="list-style-type: none"> • Cell Biotechnology & Forensics 	<ul style="list-style-type: none"> • Bearcats Teach 	<ul style="list-style-type: none"> • Introduction to Computer Science Principles
<ul style="list-style-type: none"> • Health 	<ul style="list-style-type: none"> • Child Psychology 	<ul style="list-style-type: none"> • Engineering Design I A/B(DC)
<ul style="list-style-type: none"> • Healthcare Careers 	<ul style="list-style-type: none"> • Culinary 1 	<ul style="list-style-type: none"> • Engineering Design II A/B
<ul style="list-style-type: none"> • Intro to Sports Medicine (DC) 	<ul style="list-style-type: none"> • Culinary 2 	<ul style="list-style-type: none"> • Engineering Design III A/B
		<ul style="list-style-type: none"> • Manufacturing Technology I
		<ul style="list-style-type: none"> • Robotics

CAREER AND TECHNICAL EDUCATION

Agriculture

AGRI-SCIENCE

Requirement area: **Science, CTE or Elective**

Course code: VAS100

Grade Level: 9, 10

Prerequisite: None

Length: Year long (1.0 credit)

Homework: Rare



Description: Real world science that impacts you! This 9th-grade lab science course gives students the opportunity to explore the world around them with hands-on experiences and field trips to learn about animals, plants, wildlife, environment/natural resources and food science while practicing the important concepts of physical, biological, chemical and technological/engineering science.

AGRICULTURE BUSINESS MANAGEMENT/SAE

Requirement area: **CTE or Elective**

Course code: VAB100

Grade Level: 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: Rare



Description: This is a general course that focuses on modern business and economic principles involved in the organization, operation and management of agriculture enterprises. Students who are enrolled in any agriculture class are eligible to receive credit for 90 hours of out-of-school experience either with their animals or in a job internship.

ANIMAL GROOMING

Requirement area: **CTE or Elective**

Course code: VAG200

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit), repeatable for credit once

Homework: Rare

Fee: \$20



Description: Students enrolled in this exploratory and preparatory class will have the opportunity to learn skills that may lead to jobs in the animal industry that involve the cosmetic care of animals. Students will work with household pets, show animals, work animals and animal athletes as they learn about breeds, animal safety, management of kennels/barns/stables and practical first aid for injured animals. Job shadowing opportunities are available.

CAREER AND TECHNICAL EDUCATION

ANIMAL SCIENCE 1 – INTRODUCTION

Requirement area: CTE, Science or Elective

Course code: VAM112

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: Rare

Fee: \$20



Description Learn about biology through the fascinating study of animals! This lab science course will cover important biological concepts (physical structure/anatomy, chemical/molecular/physiological processes, genetics/heredity, and modern veterinary technology) as they apply to animals and their environments. Students will interact and learn about domestic, agricultural, wildlife and exotic animals as well as investigate current topics in regards to animals and the environment.

ANIMAL SCIENCE 2 - PRODUCTION

Requirement area: CTE or Elective

Course code: VAM212

Grade Level: 11, 12

Prerequisite: Animal Science I

Length: Year long (1.0 credit)

Homework: Rare

Fee: \$20



Description Students will be involved in an in-depth study of animals of their choice as well as exploring career opportunities for animal agriculture. Students will be expected to work with live animals during some laboratory activities.

ANIMAL VETERINARY ASSISTANT

Requirement area: CTE or Elective

Course code: VAV100

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 Semester (0.5 credit)

Homework: Rare

Fee: \$20



Description: An exploratory course designed to introduce students to the basics of veterinary science. The student will gain practical experience in veterinary science through classroom, laboratory and field work. This qualifies as a Tech Prep course.

CAREER AND TECHNICAL EDUCATION

ENVIRONMENTAL SCIENCE

Requirement area: CTE, Science or Elective

Course code: SES212

Grade Level: 11, 12

Prerequisite: Animal Science or Biology

Length: Year long (1.0 credit)

Homework: 0-1 hours per week

Fee: \$20



Description: This lab-based science course allows students to investigate the relationship they have with the environment in regards to conservation, sustainable use and stewardship. Laboratory and hands-on activities will reinforce the important concepts of physical and biological sciences with specific units of instruction (climate, air, soil, water land, fish, wildlife, and plants) focusing on the management of these renewable and non-renewable resources and how society can use the environment for recreation and economic uses in a sustainable manner.

FLORICULTURE/FLORAL DESIGN I

Requirement area: Fine Art, CTE or Elective

Course code: VFF100

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester (0.5 credit)

Homework: Rare

Fee: \$20



Description: Floriculture is the study of floral design. This course is beneficial to students of all ages within the high school. Students will develop skills in plant maintenance, the proper use of plants, floral design and construction, floral tools, safety practices, sales, and customer relations. Emphasis is placed on the art of floral design and production of flowers and plants. This course is a great way to learn more about floral and horticulture industries. The greenhouse provides a hands-on lab environment for student projects and experiments, along with the opportunity to manage a retail business.

FOOD SCIENCE AND PERFORMANCE NUTRITION

Requirement area: CTE, Science, Elective

Course code: VFS200

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: Rare

Fee: \$20



Description: Are you tired of your lab teacher telling you, “Don’t eat your lab experiment”? Well in this lab science course you not only get to eat your experiments, but you are encouraged to! This course focuses on the application of biological, chemical, and physical principles to study the conversion of raw food products into processed forms suitable for direct human consumption and storage. Includes instruction in nutritional health and safety of the foods we eat. This course will also allow students to investigate their own nutritional interests in regards to sports performance if desired.

CAREER AND TECHNICAL EDUCATION

HORTICULTURE 1 - PLANT SCIENCE

Requirement area: CTE, Science or Elective

Course code: VOH112

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: Rare

Fee: \$20



Description: In this lab-based science course student will study plant parts and functions, plant growth, development, reproduction and identification. Using hands-on and laboratory activities in the greenhouse student will investigate the concepts of plant health, integrated pest management and greenhouse management procedures.

HORTICULTURE 2 – LANDSCAPING AND GREENHOUSE CROP PRODUCTIONS

Requirement area: CTE or Elective

Course code: VOH212

Grade Level: 10, 11, 12

Prerequisite: Instructor permission

Length: Year long (1.0 credit)

Homework: Rare

Fee: \$20



Description: This year-long course is designed to provide hands-on experience in the design, construction and maintenance of landscapes, the construction and maintenance of plant growing facilities and the proper and safe use of hand and power horticulture equipment. Students will be actively involved in developing facilities and laboratory areas needed for a complete Plant Science experience. Outdoor physical participation is required and will require clothing and footwear suitable for work in all types of weather conditions. Because projects may involve working in small groups in several locations, maturity and self-responsibility is critical in this course.

Arts/AV Technology & Communications

GRAPHIC DESIGN 1

Requirement area: CTE, Fine Art or Elective

Course code: VGC100

Grade Level: 9, 10, 11, 12

Prerequisite: Basic computer skills are helpful

Length: 1 semester (0.5 credit)

Homework: None



Description: Students will learn about the world of graphic design, which includes typography, logo design, color theory, infographics, layout design and product packaging. Students will also learn to develop a critical eye for design standards and project presentation by reviewing professional portfolios and current design trends. Students will consider a design's purpose and audience and evaluate its effectiveness. To accomplish these tasks, student will use software such as Adobe PhotoShop to edit photos, Adobe InDesign to create printed materials, Adobe Illustrator to design original graphics and logos.

CAREER AND TECHNICAL EDUCATION

ADVANCED GRAPHIC DESIGN

Requirement area: CTE, Fine Art or Elective

Course code: VGA300

Grade Level : 9, 10, 11, 12

Prerequisite: Graphic Design 1

Length: 1 semester (0.5 credit)

Homework: None



Description: In Advanced Graphic Design students will work to further develop their design skills. Time will be divided between class assignments that teach new skills and working independently on learning projects approved by the teacher. Student will have the opportunity to compete in advertising and design competitions. Careers in graphic design will also be explored in this course.

MULTIMEDIA 1

Requirement area: CTE, Fine Art or Elective

Course code: VMM000

Grade Level : 9, 10, 11, 12

Prerequisite: Basic computer skills are helpful

Length: 1 semester (0.5 credit)

Homework: None



Description: Multimedia is the combination of video, animation, audio, photos and text to express emotions, communicate thoughts and demonstrate creativity. Students will explore several ways of expressing themselves digitally by developing and utilizing the elements and principles of visual arts in a world that craves digital media in all career pathways. Student will film their own works using school cameras/microphones and edit using multiple programs from Adobe's Creative Suite. Camera phones and app or online editing software will also be explored as alternatives to generate various forms of media.

ADVANCED MULTIMEDIA

Requirement area: CTE, Fine Art or Elective

Course code: VAM015

Grade Level : 9, 10, 11, 12

Prerequisite: Multimedia 1

Length: 1 semester (0.5 credit)

Homework: Optional



Description: In Advanced Multimedia students will further their creativity and skills learned in Multimedia. Time will be divided between class assignments that teach new skills and working independently on learning projects approved by the teacher.

CAREER AND TECHNICAL EDUCATION

PHOTOGRAPHY 1

Requirement area: CTE, Fine Art or Elective

Course code: ACP100

Grade Level: 9, 10, 11, 12

Prerequisite: Basic computer skills are helpful

Length: 1 semester (0.5 credit)

Homework: None

Fee: \$15



Description: This course prepares students to creatively communicate ideas and information to an audience using photography. Students will learn basic digital camera operations, lens functions, exposure control and camera-to-computer download. Rules of composition will be incorporated through the course. Students will learn how to apply lessons practically to their use of camera phones. This course will also include discussion of history, ethics and trends photography. Adobe PhotoShop will be used to learn photo retouching and manipulation.

ADVANCED PHOTOGRAPHY

Requirement area: CTE, Fine Art or Elective

Course code: APH000

Grade Level: 9, 10, 11, 12

Prerequisite: Photography 1

Length: 1 semester (0.5 credit)

Homework: 30 minutes per week

Fee: \$15



Description: This course builds on previous learning to advance students' use of photography. Students will learn advanced digital camera operations, lens functions, exposure control and studio lighting. Students will be encouraged to continue using rules of composition while pushing themselves in creativity with various project such as still life, light painting, macro, product and food photography. Advanced editing and manipulation will be taught using Adobe PhotoShop and Light room. Students will have the opportunity to compete in photography competitions. Personal dslr camera is helpful.

YEARBOOK

Requirement area: Fine Art, CTE, Elective

Course code: EPY212

Grade Level: 10, 11, 12

Prerequisite: None (**Enrollment by application**)

Length: Year long (1.0 credit)

Homework: 0-1 hour per week



Description: This course produces the Monroe High School yearbook, *Hayu Saghalie*. Page design, photography and journalism are emphasized and the goal is to produce a high-quality yearbook for Monroe High School's students. Students will work with sophisticated software such as Photoshop and InDesign. Students will work in teams and use creative thinking to solve problems of coverage and production. Self-starters and motivated students are especially encouraged to apply. Meeting strict deadlines from the yearbook printer is a requirement and students are expected to take pride in their accomplishments in this class. Yearbook is project-based learning at its best and colleges highly regard this course on college applications. Leadership (Editor) positions are available.
ENROLLMENT SUBJECT TO APPLICATION PROCESS

CAREER AND TECHNICAL EDUCATION

Business Management

ACCOUNTING

Requirement area: CTE, Elective

Course code: BAC201

Grade Level: 10, 11, 12

Prerequisite: None

Length: Semester (0.5 credit)

Homework: 0-1 hour per week

Description: This course provides an overview of the accounting cycle for both a service business and a merchandising business. Students first work through the accounting cycle manually and then using accounting software. Simulations are used to enable students to combine all basic accounting practices for a business. This course is highly recommended for students considering operating their own business or considering a career in accounting, business administration, or marketing.

ASB - SPECIALTY POSITIONS

Requirement area: CTE, Elective

Course code: VSA000

Grade Level: 9, 10, 11, 12

Prerequisite: **Appointed by ASB Advisor**, Repeatable

Length: Year long (1.0 credit) repeatable

Homework: 3-5 hours per week

Description: This is a year-long course comprised of ASB Appointed Specialty Commissioners. The student government class makes decisions on many important issues that impact the student body. Students are responsible for building the culture of MHS by building relationships, project planning and figuring out how to meet the needs of the student body then meeting their needs. As students study leadership they are able to effectively plan, implement and evaluate their activities as well as their personal growth and relationship building with students, staff and the community. Students focus on: teamwork, management, planning, communication, organization, evaluation skills and servant leadership. There is a balance between project management and servant leadership training. Students must be appointed into ASB or placed by instructor into for this course. CTE credit for Project Management available.

ASB - ASB OFFICERS

Requirement area: CTE, Elective

Course code: VAO000

Grade Level: 9, 10, 11, 12

Prerequisite: **Appointed by ASB Advisor**, Repeatable

Length: Year long (1.0 credit) repeatable

Homework: 3-5 hours per week

Description: This is a year-long course comprised of ASB and Class Officers. This student government class is comprised of officers elected by the student body and makes decisions on many important issues that impact the student body. Students are responsible for building a strong culture through creating opportunities for fun and building common experiences at MHS by identifying student's needs. As student study leadership they are able to effectively plan, implement and evaluate their activities as well as their personal growth and relationship building with students, staff and the community. Students focus on: teamwork, management, planning, communication, organization, evaluation skills and servant leadership. There is a balance between project management and servant leadership training. Students must be elected into ASB or placed through instructor approval for this course. CTE credit for Project Management available.

CAREER AND TECHNICAL EDUCATION

BUSINESS LAW

Requirement area: CTE or Elective

Course code: BBL200

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: None



Description: A semester course that is designed to prepare students for situations that they will experience later in their lives. Areas of study include citizens'/students' rights and legal responsibilities when entering into agreements, use of credit, purchasing a car, avoiding being sued and responsibilities associated with adulthood.

ECONOMICS

Requirement area: CTE, Social Studies or Elective

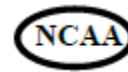
Course code: BEC200

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week



Description: Students will learn how the economy of the United States functions and their role in it. Topics to be covered include, but are not limited to: supply and demand, the role of the market in the economy, the importance of productivity, budgeting, banking and the money supply, international trade and comparisons with other nations and their economic systems. This class will give students planning to attend college a good background if they plan on taking business courses and/or if they plan on taking economics to help satisfy their college's social science requirement.

FINANCIAL ALGEBRA

Requirement area: CTE, Math, Elective

Course code: MFF300

Grade Level: 11, 12

Prerequisite: Algebra I and Geometry (*If taken to meet third year math credit, parent/guardian signature required*)

Length: Year long (1.0 credit)

Homework: 0-1 hour per week



Description: Students need to be informed about their financial responsibilities today and to prepare for the real choices ahead. In this course they will learn about career decisions, money management, financial security, credit management, resource management, risk management, and consumer rights and responsibilities and how it relates to math concepts and calculations. This course will qualify for credit for the third year of Career Math. It must be connected to the student's High School and Beyond plan and required signatures must be on file. (If you don't need math credit and are looking for financial literacy, then consider the Personal Finance course).

CAREER AND TECHNICAL EDUCATION

MICROSOFT OFFICE APPLICATIONS

Requirement area: CTE or Elective

Course code: BMA200

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit) Repeatable as enrollment permits

Homework:



Description: In this course students will have the opportunity to earn certification in the various components of Microsoft Office. Each student will individually select four components of the Office suite in which to attempt earning a certification. Students will independently work through a series of lessons then take a certification test. Certification tests can be repeated until passed. There is no teacher directed instruction in this course. Students must be able to keep themselves on task in order to be successful in this course.

PERSONAL FINANCE

Requirement area: CTE or Elective

Course code: BIM200

Grade Level: 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: None



Description: This is a course where students learn about managing, saving and investing money to reach short and long term goals. Major areas of study include budgeting, new car buying/insuring, income tax returns, banking activities and services, proper use of credit, stocks, bonds, mutual funds, IRAs, 403bs, 401ks, ETFs, life insurance and I.D. theft. This course differs from Financial Fitness in that it covers more subjects in-depth without the Algebra content. (If you need the third year of math credit and are looking for financial literacy, then consider the Financial Fitness course.)

MARKETING, SALES & SERVICE

MARKETING 1 – INTRODUCTION TO MARKETING

Requirement area: CTE or Elective

Course code: BMK212

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: None



Description: Drawing from the latest in technology and real-world practices, this two-semester course introduces students to the functional world of Business and Marketing. Through projects, objectives and collaborative assignments, students will establish a framework for savvy consumerism, job and career-finding skills, sales and promotion, positive human relations and a clear understanding of the free-enterprise system. Emphasis is placed on developing dynamic presentation skills and increasing student comfort zones. DECA Membership is at the heart of the Marketing Experience and student growth in 21st Century skills.

CAREER AND TECHNICAL EDUCATION

MARKETING 2 – RETAIL OPERATIONS

Requirement area: CTE or Elective

Course code: BMK312

Grade Level: 10, 11, 12

Prerequisite: Marketing I and/or consent of instructor

Length: Year long (1.0 credit)

Homework: None



Description: Small-business entrepreneurship is the focus of the this two-semester course. Student will create a full business plan using the LEAN Startup Model. This includes identifying a need, planning for efficient use of resources, promotion and realistic financial planning. Semester two focuses on the on-line aspects of small-business entrepreneurship including creation of a functional website, marketing research and social media use to achieve business goals. DECA Membership is at the heart of the Marketing Experience and student growth in 21st Century skills.

MARKETING 3 – MARKETING MANAGEMENT

Requirement area: CTE or Elective

Course code: BMS412

Grade Level: 11, 12

Prerequisite: Marketing II - Retailing, and/or consent of instructor

Length: Year long (1.0 credit)

Homework: None



Description: Hands-on small business operations is the back-bone of this capstone marketing and management course. In addition to cashiering, food preparation and maintenance, students will also learn and practice current management theory and project management. They will be challenged to set business goals and implement action plans to see them to completion. Upon successful completion of this third year course up to 15 CTE Dual credits are available. DECA Membership is at the heart of the Marketing Experience and student growth in 21st Century skills.

SPORTS AND ENTERTAINMENT MARKETING

Requirement area: CTE or Elective

Course code: BMK000

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: None



Description: Explore the diverse and competitive world of Sports and Entertainment Marketing. You will review the basics of Marketing and then study specialized topics related to the businesses in sports and entertainment industries. Current events are a major driver and flexibility is highly encouraged.

CAREER AND TECHNICAL EDUCATION

Health Sciences

INTRODUCTION TO SPORTS MEDICINE/PRACTICUM

Requirement area: CTE, Science, Elective

Course code: SSM212

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit) - *Additional 0.5 credit for successful completion of 90 hours of (optional) practicum experience*

Homework: 1-3 hours per week

Fee: \$15 (includes cost of First Aid/CPR card)



Description: This challenging course offers CTE exploration/preparation into the exciting field of sports medicine. Students interested in medical or science careers will gain important skills and information. Some major topics include: Common sports injuries, athletic injury prevention, treatment and rehabilitation, human anatomy and physiology, first aid, CPR, sports nutrition, drugs in sports and other current topics in sports medicine. ***Students are given the option to enroll in Sports Medicine Lab to apply their skills in an actual work environment. Ninety (90) hours must be completed in one year. Five (5) college credits are available through the Tech Prep program through Lake Washington Institute of Technology for those students earning a “B” or better in this course. Completion of Hepatitis B vaccination series encouraged.***

ADVANCED SPORTS MEDICINE/PRACTICUM

Requirement area: CTE, 0.5 Health*, Science, Elective

Course code: SSM312

Grade Level: 11, 12

Prerequisite: Successful completion of Introduction to Sports Medicine , repeatable

Length: Year long (1.0 credit) - *additional 0.5 credit for successful completion of 90 hours of practicum experience. *Option for Course Equivalent for 0.5 Health with successful completion of Introduction to Sports Medicine and the Health Classroom-based Assessment.*

Homework: 2-4 hours per week

Fee: \$15 (includes cost of First Aid/CPR card)



Description: This challenging course will allow the advanced student to develop skills in sports medicine, career development, individual learning, leadership skills and independent research and presentation. Knowledge and skills developed in the program will include: Sports nutrition, anatomy and physiology, fitness/strength training, first aid/CPR, athletic injury prevention, recognition, management and treatment/rehabilitation. ***Students are given the option to enroll in Sports Medicine Lab to put their skills to use in an actual work environment. Ninety (90) hours must be completed in one year. Five (5) college credits are available through the Tech Prep program through Lake Washington Institute of Technology for those students earning a “B” or better in this course. Completion of Hepatitis B vaccination series encouraged.***

CAREER AND TECHNICAL EDUCATION

CELL BIOTECHNOLOGY & FORENSICS

Requirement area: CTE, Science or Elective

Course code: SCB200 (CHS—BIOL&211)

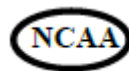
Grade Level: 10,11,12

Prerequisite: Successful completion of Biology

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Fee: \$20



Description: Explore current trends and technical skills in Biotechnology and Forensics including debating the related Bioethical issues. Interact with industry professionals. Investigate associated career fields and work both individually and in groups with a focus on leadership and communication skills. Topics may include: DNA/Genetic engineering, GMOs, stem cells, pharmacology, drug analysis, serology, pharmacology, euthanasia and more. Field trips each semester involve real-world situations, and the final exams are project-based including solving a mock crime scene using knowledge and skills learned throughout the year.

HEALTH

Requirement area: Health, CTE, Elective

Course code: HEA209

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 1 hour per week

Description: A one-semester course designed to explore and discuss health and wellness fundamentals and emerging issues. This class will encourage students to make personal choices which promote a healthy lifestyle. Topics covered include mental health and illness, emotional health, stress management, harassment and violence, food and nutrition, drug education, human sexuality including HIV/AIDS and First Aid/CPR. Students will have an opportunity to earn CPR/First Aid certification at an additional cost to the student.

HEALTHCARE CAREERS

Requirement area: CTE, Elective

Course code: HHC000

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hour per week

Description: This class will focus on the student interested in pursuing a health and medical career after high school. It will involve a variety of guest speakers and career interviewing focused on foundation of health science and giving students a head start into the medical field. Qualities of healthcare worker along with the safety, medical terminology, anatomy/physiology, CPR/First-aid and health maintenance will be explored.

CAREER AND TECHNICAL EDUCATION

Human Services and Hospitality

BAKING AND DESSERTS

Requirement area: CTE or Elective

Course code: HBD000

Grade Level: 9, 10, 11, 12

Prerequisite: Culinary Arts 1

Length: 1 semester (0.5 credit)

Homework: 0-1 hours per week

Fee: \$30



Description: Baking and Desserts are the art of the Pastry Chef. In this class we will study and practice classic baking techniques, new cutting edge flavors and will construct delicious desserts. If you love baking or are interested in learning baking this class is for you.

BEARCATS TEACH

Requirement area: CTE or Elective

Course code: VBT300

Grade Level: 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 1 hour per week

Description: In this year-long class students of Bearcats Teach will explore a career in education by learning the basics of creating a classroom community of learners. In semester one students will study strategies of lesson planning and classroom management. Students will also investigate their own personal education stories and educational philosophy. In semester two students will participate in one teaching practicum (12 weeks each) at the elementary school level. Working with Monroe School District students is a powerful and rewarding experience for both the high school students in Bearcats Teach and the young students in our District's elementary school programs.

CHILD PSYCHOLOGY

Requirement area: CTE or Elective

Course code: HCP101

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hours per week



Description: This class is designed to help students analyze the theories and influences that effect the growth and development of a child from conception to 6 years old. This class will provide fundamentals and skills needed to understand and contribute to the moral, physical, intellectual, emotional and social development of a child. This class also stresses the role of nutrition and the effects it has on overall health and development starting from conception. Topics to be covered include developmental theorists and benchmarks, nutrition guidelines for children, developmentally age-appropriate toys and careers related to child psychology.

CAREER AND TECHNICAL EDUCATION

CULINARY ARTS 1

Requirement area: CTE or Elective

Course code: HCA000

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hours per week

Fee: \$30



Description: In this hands-on lab class students will explore the science of nutrition and the art of food preparation. This course emphasizes positive communication and group process skills as students plan and prepare delicious meals, snacks and cultural foods. Current kitchen technology and careers in the foods industries are included.

CULINARY ARTS 2

Requirement area: CTE or Elective

Course code: HCA300

Grade Level: 9, 10, 11, 12

Prerequisite: Culinary 1, repeatable

Length: 1 semester (0.5 credit)

Homework: 0-1 hours per week

Fee: \$30



Description: Culinary Arts 2 is an advanced course that builds on the food preparation skills acquired in Culinary Arts 1. Students will complete units in meat/poultry preparations, fish and shellfish, pies and various desserts, custards, dessert sauces while exploring preparation of ethnic foods. Plate presentation and menu planning will also be covered. Students will also continue to explore food-related careers while involved in a variety of individual and group lab activities.

INDEPENDENT LIVING

Requirement area: CTE or Elective

Course code: HIL200

Grade Level: 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework:

Description: A one-semester course designed to help 11th and 12th grade students prepare for successful independent living after high school and to prepare for the Career and College Ready Seminar graduation requirement. The course focuses on positive decision making in the areas of money management, career choices and relationships. Students explore their goals for the future, use SCANS skills to complete a career-planning portfolio and develop a 5-year post-secondary plan. Students practice positive interpersonal relationships, leadership and employability skills throughout the semester. Job internship opportunities are available so that students

CAREER AND TECHNICAL EDUCATION

Manufacturing & STEM

(Science, Technology, Engineering and Mathematics)

INTRODUCTION TO COMPUTER SCIENCE PRINCIPLES

Requirement area: **CTE or Elective**

Course code: VCS100

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Algebra 1

Length: 1 semester (0.5 credit)

Homework: None



Description: This is an introductory hands-on TEAL (Technology Education and Literacy) survey course to computer science. The course is based on University of California Berkley CS10, and the instruction is co-presented by industry software engineers, computer science professionals and MHS staff. The course is focused on some of the “big ideas” in computing such as abstraction, design, recursion, concurrency, simulation and the limits of computation. The course will also introduce students to the computing applications that have changed the world, history of computing and where it will go in the future.

AP COMPUTER SCIENCE A

Requirement area: **CTE, Math, Science or Elective**

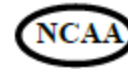
Course code: VCS300

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Introduction to Computer Science Principles or Instructor permission

Length: Year long (1.0 credit)

Homework: 3-5 hours per week



Description: AP Computer Science A is equivalent to a first-semester college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data, (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small simple problems to large complex problems. The AP Computer Science A course curriculum is compatible with many CSI courses in colleges and universities.

CAREER AND TECHNICAL EDUCATION

ENGINEERING DESIGN IA/B

Requirement area: CTE or Elective

Course code: VED101/VED102

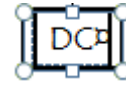
Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Semester (0.5 credit) Repeatable

Homework: None

Fee: \$20



Description: This course introduces students to the design process used in industry by creating a series of drawings, reading blueprints and the build processes in order to complete a series of projects. Students will be able to work with CAD software (Computer-Aided Design), CNC machines, 3D printers and basic woodworking tools. Students in this course will learn to read and follow directions to produce a project.

ENGINEERING DESIGN II A/B

Requirement area: CTE or Elective

Course code: VED101/VED102

Grade Level: 10, 11, 12

Prerequisite: Engineering Design I or instructor permission. Repeatable

Length: Semester (0.5 credit) Repeatable

Homework: None

Fee: \$20



Description: This course builds upon the skills acquired from Computer-Aided Design I and introduces students to the concepts of problem solving and critical thinking. Students increase their knowledge of the design process, CAD software and by working with a CNC mill and 3D printer to design and build projects.

ENGINEERING DESIGN III A/B

Requirement area: CTE or Elective

Course code: VED101/VED102

Grade Level: 11, 12

Prerequisite: Engineering Design II

Length: Semester (0.5 credit) Repeatable

Homework: None

Fee: \$20



Description: This course builds upon the skills acquired from Computer-Aided Design II and increases student's abilities to design and produce projects by increasing their knowledge of the design process. Students will have the opportunity to use CAD software, CNC mills, 3D printers and other shop equipment to design and build more complex projects. Students will also continue to increase their knowledge of CAD (Computer-Aided Design) and design.

CAREER AND TECHNICAL EDUCATION

MANUFACTURING TECHNOLOGY 1 Core Plus

Requirement area: CTE or Elective

Course code: VCM212

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit) Repeatable

Homework: None

Fee: \$20



Description: This course prepares students to enter the workforce with a basic set of technical skills. These skills include workshop safety, drilling, basic machine tool usage, fastening procedure, precision measurement and blueprint reading. Upon successful mastering of these skills and completion of the course students will have the opportunity to receive a certificate verifying these skills to future employers.

ROBOTICS

Requirement area: CTE or Elective

Course code: VRO300

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: None

Fees: \$20



Description: This course builds upon the skills acquired from Engineering Design I and II and increases student's abilities to design and make projects by increasing their knowledge of system operations. Students will have the opportunity to learn how to use Easy C (VEX) programming as well as other systems to design and build more complex robots. Also, students will continue to increase their knowledge of 2D CAD and be introduced to 3D design.

COOPERATIVE WORK-SITE LEARNING

Requirement code: O or EL

Course code: BMK382

Grade Level: 10, 11, 12

Prerequisite: Student must be 16 years of age and have successfully completed or be currently enrolled in a Career and Technical Education (CTE) class

Description: Work-Site Learning is a means to recognize the valuable educational experience provided by employers. Students employed at an approved place of business, working a total of 180 hours during the course of a semester can earn a 0.5 semester credit. Employment should be related to the student's occupational interest. Training will allow a student to apply knowledge and skills learned in related courses to the job. Students must complete necessary paperwork and maintain an accurate record of wages earned and hours worked. Students must also receive a "Satisfactory" employer evaluation. Monroe High School provides a staff member to coordinate the work experience of the student. **Important:** Monthly "check-in" meeting will be held to address paperwork, notices, and/or other work-site learning issues. These check-in meetings will be brief with dates, times, and locations to be determined. Attendance at **each** monthly check-in meeting is **REQUIRED** to receive credit.. **S-U Grade only.**

Physical Education

2020-21 graduates: 1.5 PE credits required. 2022 and beyond: 2.0 PE credits required

Freshmen must successfully complete Introduction to Fitness or equivalent before they can take another PE class.
Fee for equipment use and maintenance. A fine amounting to the full price of the strap will be assigned if strap is not returned—up to \$20.

INTRODUCTION TO FITNESS

Requirement area: **PE or Elective**

Course code: PIF100

Grade Level: 9, 10

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-30 minutes per week

Fee: \$5

Description: This course is designed for 9th and 10th graders to continue their knowledge of the components of fitness and the guidelines, skills and expectations for future physical education classes. Students will participate in a variety of activities including preparatory skills taught in Body Conditioning, Core Fitness and Team Sports. Students will also complete the necessary Classroom-Based Assessments for Fitness to meet state requirements. This class is required for incoming 9th graders or 10th graders who have not had PE as a 9th grader.

COOPERATIVE PE

Requirement area: **PE or Elective**

Course code: PCO001/PCO002

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Fitness

Length: 1 semester (0.5 credit), repeatable

Homework: 0-30 minutes per week

Fee: \$5

Description: The content of this class will include fundamental techniques, rules and strategies of various team sports. The class will provide students an opportunity to enhance skills in an environment that promotes improvement more than competition. Students will be challenged with a component of both strength training and cardiovascular conditioning. Activities may include yoga, softball, ultimate Frisbee, flag football, corn hole, kickball and modified bowling. This course is designed for general education students to be mentors of students in the Life Skills Program.

BODY CONDITIONING

Requirement area: **PE or Elective**

Course code: PBC200/201

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Fitness (9th & 10th grade students)

Length: 1 semester (0.5 credit), repeatable as enrollment permits

Homework: 0-30 minutes per week

Fee: \$5

Description: The focus of this class is for students to develop basic weight-lifting techniques as well as an emphasis on improving and understanding the components of physical fitness. At the end of the semester students will be able to create their own workout program in any weight room. Developing life-long fitness is a main focus.

Physical Education

BODY CONDITIONING FOR FEMALES

Requirement area: **PE or Elective**

Course code: PBC202

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Fitness (9th and 10th grade students)

Length: 1 semester (0.5 credit), repeatable as enrollment permits

Homework: 0-30 minutes per week

Fee: \$5

Description: The focus of this class is for females to develop basic weight-lifting techniques as well as an emphasis on improving and understanding the components of physical fitness. At the end of the semester students will be able to create their own workout program in any weight room. Developing life-long fitness is a main focus.

COMPETITIVE SPORTS

Requirement area: **PE or Elective**

Course code: POS100/102

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Fitness (9th & 10th grade students)

Length: 1 semester (0.5 credit), repeatable as enrollment permits with instructor permission

Homework: 0-30 minutes per week

Fee: \$5

Description: The focus of this class is to provide the students with instruction in designing a life-long fitness program with an emphasis on sportsmanship, strategy, teamwork and cooperation, safe competition and developing conflict resolution skills. This class is designed for students who desire to take competition to the next level. Activities will include but not limited to: Football, Soccer, Tennis, Ultimate Frisbee and Speedball. This class will predominately be held outdoors.

CORE FITNESS

Requirement area: **PE or Elective**

Course code: PCF200/PCF202

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Intro to Fitness

Length: 1 semester (0.5 credit)

Homework: 0-30 minutes per week

Fee: \$5

Description: The focus of this class is to provide students with instruction in designing a life-long fitness program with an emphasis on core strength (abs and lower back), strength and resistance training and cardiovascular fitness. Through a variety of methods such as Pilates, Yoga, flexibility, balance, cross training, physio balls and cardio conditioning, students will develop a personal program.

Physical Education

NON-COMPETITIVE SPORTS

Requirement area: **PE or Elective**

Course code: PNC001/PNC002

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Intro to Fitness

Length: 1 semester (0.5 credit), repeatable

Homework: 0-30 minutes per week

Fee: \$5

Description: The content of this class will include fundamental techniques, rules, and strategies of various team sports. The class will provide students an opportunity to enhance skills in an environment that promotes improvement more than competition. Students will be challenged with a component of both strength training and cardiovascular conditioning. Activities may include tennis, softball, ultimate Frisbee, flag football, Frisbee golf, table tennis and modified bowling.

WALK FIT

Requirement area: **PE or Elective**

Course code: PWC100/102

Grade Level: 9, 10, 11, 12

Prerequisite: Requires Instructor permission

Length: 1 semester (0.5 credit), repeatable as enrollment permits with instructor permission

Homework: 0-30 minutes per week

Fee: \$5

Description: The focus of this class is to provide students with the instruction of walking for fitness and developing a life-long fitness program. The emphasis is on improving cardiovascular fitness as well as muscular endurance and muscular strength. *This class is for students who are new to physical activity and/or have a low level of fitness and have the desire to improve their overall level of fitness.* This class is designed to be held outdoors every day of the semester regardless of the weather. **This project has been supported by a grant from Bearcat Pride Parent Teacher Group in support of Monroe School staff and students**

WEIGHTS FOR ATHLETIC PERFORMANCE

Requirement area: **PE or Elective**

Course code: PWA301/PWA302

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Fitness

Length: 1 semester (0.5 credit), repeatable as enrollment permits with instructor permission

Homework: 0-30 minutes per week

Fee: \$5

Description: This course is designed for the highly motivated student to increase performance through functional weight training movements. Progressive overload and periodization are the basis of this weights and conditioning program while focusing on explosive strength training exercises. All student athletes will be taught and are required to use safe and proper form for each lifting exercise. Consideration will be taken for both in-season appropriate maintenance training, and out-of-season building and intensity.

Physical Education

YOGA

Requirement area: **PE or Elective**

Course code: PYO001/PYO002

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Fitness

Length: 1 semester (0.5 credit), repeatable

Homework: 1 hour per week

Fee: \$5

Description: In this class students will learn the basic principles of yoga as a form of exercise for personal fitness and development of lifelong positive habits. Students are expected to challenge themselves through various styles, poses, and routines in yoga. Students will work in progression from beginning poses to more physically and mentally challenging poses and routines. Students will demonstrate knowledge by creating their own flow routine by semester end. Styles will range from Vinyasa to Power to Restorative while linking mental clarity to flowing movements.

Science

FOUR-YEAR PLANNING FOR SCIENCE

Three credits (six semesters) of science are required for graduation. Courses in Animal Science, Plant Science and Sports Medicine are cross-credited to meet science requirements.

Grade	Traditional NGSS Pathway Options	Advanced NGSS Pathway Options	Electives
9	Agri-Science OR Integrated Science	Biology	Anatomy/Physiology Astronomy AP Biology AP Computer Science++ Drugs and Their Impact Emerging/Infectious Disease Food Science Genes and Ancestry Horticulture 1 Marine Biology Sports Med I or II++ Wildlife Biology Zoology
10	Animal Science OR Biology OR CHS Biology (College in the High School)	**Chemistry	
11	**Chemistry OR Environmental Science	AP Environmental Science OR **AP Physics OR **Physics	
12	Optional	Elective	

** Algebra-based science (Recommended or may be required for college admission)

++**NOT** Lab-based science (Two lab sciences required for MHS for graduation)

9TH GRADE

AGRI-SCIENCE

Requirement area: Science, CTE or Elective

Course code: VAS100

Grade Level: 9

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-1 hour per week



Description: Real world science that impacts you! This 9th-grade lab science course gives students the opportunity to explore the world around them with hands-on experiences and field trips to learn about animals, plants, wildlife, environment/natural resources and food science while practicing the important concepts of physical, biological, chemical and technological/engineering science.

INTEGRATED SCIENCE

Requirement area: Science or Elective

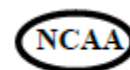
Course code: SIS113

Grade Level: 9

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-2 hour per week



Description: This broad survey lab science class has something for everyone. Engaging topics include: astronomy, Earth processes, climate change, natural resources, Newton's laws, energy, electromagnetic radiation and engineering. Some projects will be problem based, many will be grounded in current topics and others will explore historical discoveries.

Science

BIOLOGY I

Requirement area: **Science or Elective**

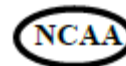
Course code: SBI212

Grade Level: 9, 10

Prerequisite: None.

Length: Year long (1.0 credit)

Homework: 0-2 hour per week



Description: This course is an in-depth look at “life.” Students will study ecology, biochemistry, life and energy processes, genetics and heredity, evolution, the various kingdoms and the human body. This is a lab-oriented course that will focus on inquiry, ethics, interdependencies and interactions, especially with regards to ecology, environmental impact and man’s role within the ecosystem.

10TH GRADE

ANIMAL SCIENCE 1 – INTRODUCTION

Requirement area: **CTE, Science or Elective**

Course code: VAM112

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Fee: \$20



Description Learn about biology through the fascinating study of animals! This lab science course will cover important biological concepts (physical structure/anatomy, chemical/molecular/physiological processes, genetics/heredity, and modern veterinary technology) as they apply to animals and their environments. Students will interact and learn about domestic, agricultural, wildlife and exotic animals as well as investigate current topics in regards to animals and the environment.

CHS BIOLOGY I

Requirement area: **Science or Elective**

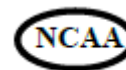
Course code: SBI211 (CHS—BIOL&100)

Grade Level: 10, 11, 12

Prerequisite: None.

Length: Year long (1.0 credit)

Homework: 0-1 hour per week



Description: This course is an in-depth look at “life.” Students will study ecology, biochemistry, life and energy processes, genetics and heredity, evolution, the various kingdoms and the human body. This is a lab-oriented course that will focus on inquiry, ethics, interdependencies and interactions, especially with regards to ecology, environmental impact and man’s role within the ecosystem.

Science

CHEMISTRY

Requirement area: **Science or Elective**

Course code: SCH315

Grade Level: 10, 11, 12

Prerequisite: Algebra II (may be taken concurrently)

Length: Year long (1.0 credit)

Homework: 2-3 hour per week

Fee: \$20



Description: This lab-oriented chemistry course surveys the major areas of the science. This includes the history of chemistry, the structure of the atom, the periodic table, chemical bonds, acids and bases, electrochemistry, thermochemistry, hydrocarbons, environmental chemistry, biochemistry and everyday chemistry applications in the community. Lab skills and scientific methodology are applied in the course. The course does not require the depth of algebra that applies in the college prep chemistry course.

CHS CHEMISTRY

Requirement area: **Science or Elective**

Course code: SCH312 (CHS—CHEM&121)

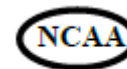
Grade Level: 10, 11, 12

Prerequisite: Algebra II (may be taken concurrently)

Length: Year long (1.0 credit)

Homework: 2-3 hour per week

Fee: \$20



Description: This lab-oriented, algebra-based course studies the structure and properties of matter. Sample topics include acids/bases/salts, electro-chemistry, bonding, thermo-chemistry, periodicity, organic chemistry, atomic structure and applied chemistry. Lab skills, scientific methodology and college/career preparation will be stressed.

11TH GRADE CHEMISTRY

Requirement area: **Science or Elective**

Course code: SCH315

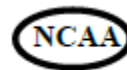
Grade Level: 10, 11, 12

Prerequisite: Algebra II (may be taken concurrently)

Length: Year long (1.0 credit)

Homework: 2-3 hour per week

Fee: \$20



Description: This lab-oriented chemistry course surveys the major areas of the science. This includes the history of chemistry, the structure of the atom, the periodic table, chemical bonds, acids and bases, electrochemistry, thermochemistry, hydrocarbons, environmental chemistry, biochemistry and everyday chemistry applications in the community. Lab skills and scientific methodology are applied in the course. The course does not require the depth of algebra that applies in the college prep chemistry course.

Science

11 GRADE CONTINUED

CHS CHEMISTRY

Requirement area: **Science or Elective**

Course code: SCH312 (CHS—CHEM&121)

Grade Level: 10, 11, 12

Prerequisite: Algebra II (may be taken concurrently)

Length: Year long (1.0 credit)

Homework: 2-3 hour per week

Fee: \$20



Description: This lab-oriented, algebra-based course studies the structure and properties of matter. Sample topics include acids/bases/salts, electro-chemistry, bonding, thermo-chemistry, periodicity, organic chemistry, atomic structure and applied chemistry. Lab skills, scientific methodology and college/career preparation will be stressed.

ENVIRONMENTAL SCIENCE

Requirement area: **Science, CTE or Elective**

Course code: SES212

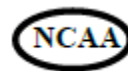
Grade Level: 11, 12

Prerequisite: Animal Science or Biology

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Fee: \$20



Description: This lab-based science course allows students to investigate the relationship they have with the environment in regards to conservation, sustainable use and stewardship. Laboratory and hands-on activities will reinforce the important concepts of physical and biological sciences with specific units of instruction (climate, air, soil, water land, fish, wildlife, and plants) focusing on the management of these renewable and non-renewable resources and how society can use the environment for recreation and economic uses in a sustainable manner.

AP ENVIRONMENTAL SCIENCE

Requirement area: **Science or Elective**

Course code: SES250

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Biology. Chemistry *suggested* (may be concurrently enrolled)

Length: Year long (1.0 credit)

Homework: 1-4 hours per week

Fee: \$20

Description: This lab based, college level course pulls together knowledge from biology, chemistry, geology, and anthropology. AP Environmental Science looks at the complex relationships that involve the earth and the people, plants and animals that inhabit it. This class shapes more informed citizens regarding many important global issues from where we get our food and energy to the dynamics of protecting key species. Sample topics include air, water and soil studies, biodiversity, population dynamics, environmental laws, ecosystems, forestry, agriculture, economics, energy sources and natural resources. Emphasis will be placed on: Current environmental issues, lab/field investigations (outside whenever possible), and class discussions. Students will be given guidance preparing for the AP examination.

Science

PHYSICS

Requirement area: **Science or Elective**

Course code: SPH312 (CHS—PHYS&114-116)

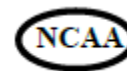
Grade Level: 11, 12

Prerequisite: Algebra II

Length: Year long (1.0 credit)

Homework: 0-1 hours per week

Fee: \$20



Description: Physics is an algebra-based, lab-oriented course strongly recommended for student pursuing careers in science, engineering, computer science, mathematics, physical therapy or a medical field. This course satisfies the lab science entrance requirement of 4-year universities. The first semester covers motion and forces. The second semester topics include energy transfers, electromagnetism and other topics determined by student interest.

AP PHYSICS

Requirement code: **Science or Elective**

Course code: SPH350 (CHS-APPHYS&114-116)

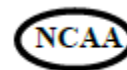
Grade Level: 11,12

Prerequisites: Pre-Calculus, which may be taken concurrently

Length: Year long (1.0 credit)

Homework: 1-3 hours per week

Fee: \$20



Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion, electric charge and electric force, DC circuits; and mechanical waves and sound.

SCIENCE ELECTIVES

INTRODUCTION TO SPORTS MEDICINE I/PRACTICUM

Requirement area: **CTE, Science or Elective**

Course code: SSM212

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit) - *Optional additional 0.5 credit for successful completion of 90 hours of practicum experience*

Homework: 1-3 hours per week

Fee: \$15 (includes cost of First Aid/CPR card)

Description: This challenging course offers a CTE exploration/preparation into the exciting field of sports medicine. Students interested in medical or science careers will gain important skills and information. Some major topics include: Common sports injuries, athletic injury prevention, treatment and rehabilitation, human anatomy and physiology, first aid, CPR, sports nutrition, drugs in sports and other current topics in sports medicine. ***Students are given the option to enroll in Sports Medicine Lab to put their skills in an actual work environment.*** Ninety (90) hours must be completed in one year. Five (5) college credits are available through the Tech Prep program through Lake Washington Institute of Technology for those students earning a “B” or better in this course. ***Completion of Hepatitis B vaccination series encouraged.***

Science

ADVANCED SPORTS MEDICINE/PRACTICUM

Requirement area: CTE, 0.5 Health*, Science, Elective

Course code: SSM312

Grade Level: 11, 12

Prerequisite: Successful completion of Introduction to Sports Medicine

Length: Year long (1.0 credit) - *Additional 0.5 credit for successful completion of 90 hours of practicum experience. *Option for Course Equivalent for 0.5 Health with successful completion of Introduction to Sports Medicine and the Health Classroom-based Assessment.*

Homework: 2-4 hours per week

Fee: \$15 (includes cost of First Aid/CPR card)



Description: This challenging course will allow the advanced student to develop skills in sports medicine, career development, individual learning, leadership skills and independent research and presentation. Knowledge and skills developed in the program will include: Sports nutrition, anatomy and physiology, fitness/strength training, first aid/CPR, athletic injury prevention, recognition, management and treatment/rehabilitation. ***Students are given the option to enroll in Sports Medicine Lab to put their skills to use in an actual work environment. Ninety (90) hours must be completed in one year. Five (5) college credits are available through the Tech Prep program through Lake Washington Institute of Technology for those students earning a “B” or better in this course.***

ANATOMY & PHYSIOLOGY

Requirement area: Science or Elective

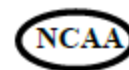
Course code: SAN312

Grade Level: 11, 12 (or instructor permission)

Prerequisite: Successful completion of Biology, Chemistry or Introduction to Sports Medicine

Length: Year long (1.0 credit)

Fee: \$20



Description: This course provides a study of the structures and functions of the human body systems and how they work to maintain homeostasis. Essential principles of anatomy and physiology are presented including basic chemistry, tissue studies and an overview of all the body systems. Class includes lecture, discussions and individual and group laboratory exercises to accompany concepts. Dissections are mandatory and may include a sheep respiratory pluck, full feline dissection, skeletal cow knee and large mammal nervous system structures such as the tongue, eye, brain and spinal cord. *Alternatives to specific dissections are available.*

ASTRONOMY

Requirement area: Science or Elective

Course code: SAT200 (CHS—ASTR&115)

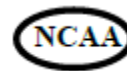
Grade Level: 10, 11, 12

Prerequisite: Completion of Geometry

Length: Semester (0.5 credit)

Homework: None

Fee: \$10



Description: This class is an overview of all astronomy. Students will learn about the processes that control the formation of planets, the birth and death of stars, the formation of galaxies and the origin and ultimate fate of the Universe. Students will use NASA’s Eyes of the Solar System (a 3-D environment full of real NASA mission data) to explore past and current space missions and investigate the Milky Way. Astronomy is a lab science.

Science

AP BIOLOGY 2

Requirement area: **Science or Elective**

Course code: SBI250

Grade Level: 11, 12

Prerequisite: Biology I, Chemistry

Length: Year long (1.0 credit)

Homework: 3-5 hours per week

Fee: \$40



Description: This course is an advanced Biology course. Topics include: Animal Behavior, Biochemistry, Cellular Energetics, Genetics, Cells, Evolution, Diversity of Organism, Anatomy and Physiology and Ecology. Students will be prepared for the Advanced Placement Examination in the spring. Preparation for the examination requires that students perform extensive additional readings, technical writing and investigations.

AP COMPUTER SCIENCE A

Requirement area: **CTE, Math, Science or Elective**

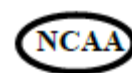
Course code: VCS300

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Introduction to Computer Science Principles or Instructor permission

Length: Year long (1.0 credit)

Homework: 3-5 hours per week



Description: AP Computer Science A is equivalent to a first-semester college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data, (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small simple problems to large complex problems. The AP Computer Science A course curriculum is compatible with many CSI courses in colleges and universities.

CELL BIOTECHNOLOGY & FORENSICS

Requirement area: **CTE, Science or Elective**

Course code: SCB200 (CHS- BIOL&211)

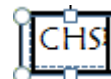
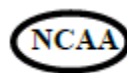
Grade Level: 10, 11, 12

Prerequisite: Successful completion of Biology

Length: Year long (1.0 credit)

Homework: 0-1 hours per week

Fee: \$20



Description: Explore current trends and technical skills in Biotechnology and Forensics including debating the related Bioethical issues. Interact with industry professionals. Investigate associated career fields and work both individually and in groups with a focus on leadership and communication skills. Topics may include: DNA/Genetic engineering, GMOs, stem cells, pharmacology, drug analysis, serology, pharmacology, euthanasia and more. Field trips each semester involve real-world situations, and the final exams are project-based including solving a mock crime scene using knowledge and skills learned throughout the year.

Science

DRUGS AND THEIR IMPACT ON THE HUMAN BODY

Requirement area: **Science or Elective**

Course code: SDI300

Grade Level: 10, 11, 12

Prerequisite: Biology recommended

Length: 1 semester (0.5 credits)

Homework: 0-1 hours per week

Description: This course will deepen an understanding of the physiological effects of drugs and the science of addiction. Student will study in depth how stimulants, antidepressants, depressants, hallucinogens, cannabinoids, opioids, inhalants, anabolic steroids and other abused drugs affect the body with an emphasis on the brain. Developing an understanding of brain anatomy and physiology, students will become more informed on the impacts of drug abuse. Labs may include the effects of drugs on a model organism, drug analysis, drug detection and forensic chemistry.

EMERGING AND INFECTIOUS DISEASE

Requirement area: **Science or Elective**

Course code: SED000

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 0-1 hours per week

Description: Despite the technological and medical advances of the past century, infectious diseases remain a world-wide threat to human welfare. This course will examine both newly emerging and re-emerging diseases. Infectious bacteria, viruses and parasites will be explored and the ways in which organisms interact with and alter each other and their environments.

FOOD SCIENCE AND PERFORMANCE NUTRITION

Requirement area: **CTE, Science or Elective**

Course code: VFS200

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-1 hours per week

Fee: \$20



Description: Are you tired of your lab teacher telling you, “Don’t eat your lab experiment”? Well in this lab science course you not only get to eat your experiments, but you are encouraged to! This course focuses on the application of biological, chemical, and physical principles to study the conversion of raw food products into processed forms suitable for direct human consumption and storage. Includes instruction in nutritional health and safety of the foods we eat. This course will also allow students to investigate their own nutritional interests in regards to sports performance if desired.

Science

GENES AND ANCESTRY

Requirement area: **Science or Elective**

Course code: SGA300

Grade Level: 10, 11, 12

Prerequisite: Biology recommended

Length: 1 semester (0.5 credit)

Homework: 0-1 hours per week

Fee: \$10



Description: In this hands-on course students will investigate their ancestry using databases and analyze DNA to develop a deeper understanding of modern human genetics. Students will debate the social, legal & ethical implications of new genetics and study topics including genetic disorders and forensic anthropology. Labs may include blood typing, paternity analysis, detecting hereditary cancer in a fictitious family and genetic screening of a family. Students will have an opportunity for optional labs to extract their own DNA for analysis.

HORTICULTURE 1 - PLANT SCIENCE

Requirement area: **CTE, Science or Elective**

Course code: VOH112

Grade Level: 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Fee: \$20



Description: In this lab-based science course student will study plant parts and functions, plant growth, development, reproduction and identification. Using hands-on and laboratory activities in the greenhouse student will investigate the concepts of plant health, integrated pest management and greenhouse management procedures.

MARINE BIOLOGY

Requirement area: **Science or Elective**

Course code: SMB200 (CHSBIOL130)

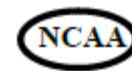
Grade Level: 10, 11, 12

Prerequisite: Successful completion of Biology I or Animal Science II

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Fee: \$20



Description: This course will introduce students to the marine environment, the huge diversity of organisms that live within it and the adaptation and function of these organisms to their environment. Students will develop an understanding and appreciation for the importance of the marine environment and how our actions affect the environment and ultimately the quality of our lives. Inquiry-based activities, dissections and water quality labs will be frequently utilized to attain this goal.

Science

WILDLIFE BIOLOGY A & B (You may take A and/or B in any order)

Requirement area: **Science or Elective**

Course code: SWB000/SWB001

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester each

Homework: 1-2 hour per week

Fee: \$15 per semester

Description: Wildlife Biology will introduce students to the principles of wildlife biology, management and conservation and the opportunity to explore careers in the field of wildlife biology. The course includes the history of wildlife management, ecological concepts, habitat assessment, habitat management techniques for wildlife, population dynamics, predator-prey relationships, wildlife species biology and identification, human-wildlife conflicts, the role of hunting and fishing for sportsmen and conservation efforts, game and fish laws and regulations, and the application of scientific principles to managing wildlife habitat and populations. The course will utilize the wildlife of the Pacific Northwest to illustrate wildlife biology principles. Students will gain insight and understanding of the Washington State Wildlife Action Plan (SWAP) during the course.

ZOOLOGY

Requirement area: **Science or Elective**

Course code: SZO200

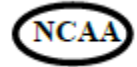
Grade Level: 10, 11, 12

Prerequisite: Successful completion of Biology I or Animal Science 2

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Fee: \$20



Description: Introduction to Zoology is a lab-based course, which surveys the important animal phyla and animal systems. It illustrates major biological concepts and principles such as the relationship of animals to their environment. Focus is on comparative anatomy and physiology of the major organ systems to explore increasing complexity in the animal kingdom. Labs will include dissection.

Social Studies

Students must earn 4.0 credits (eight semesters) of Social Studies to graduate (with the exception of 2020 graduates, who must earn 3.5 credits). Students must successfully complete Washington State History as a non-credit graduation requirement.

Grade	MHS Graduation Requirement	College-Bound Recommendations
9	World Geography & Ancient World History	AP Human Geography
10	World History: Regional Civilizations	<ul style="list-style-type: none"> ◆ AP World History ◆ AP European History
11	United States History	AP United States History
12	American Government or Civics & Social Issues <u>AND</u> Contemporary World Problems or Social Studies Elective	AP US Government and Politics

9th GRADE

WORLD GEOGRAPHY

Requirement area: **Social Studies or Elective**

Course code: WGO100

Grade Level: 9

Prerequisite: None

Length: One semester (0.5 credit)

Homework: 1 hour per week

Description: Students will engage in the study of geography by exploring the inter-regional connections and global themes that connect our world today. Students will deepen their understanding by examining the cultural aspects of the geographical regions of Latin America, Europe, Africa and Asia.

ANCIENT WORLD HISTORY

Requirement area: **Social Studies or Elective**

Course code: WAW100

Grade Level: 9

Prerequisite: None

Length: One semester (0.5 credit)

Homework: 1 hour per week

Description: Ancient World History will introduce students to the beginnings of the human story from prehistory up through the classical period. This course will explore the rise of both Western and Eastern civilizations. It will examine the development of multiple ancient civilizations throughout the world in areas such as China, the Mediterranean and the Americas. This course will serve as an introduction into historic thinking as well as provide a foundation in world history to prepare students for future coursework and critical thinking.

Social Studies

AP HUMAN GEOGRAPHY

Requirement area: **Social Studies or Elective**

Course code: WHG150

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 Social Studies credit)

Homework: 3-4 hours per week

Description: The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

10th GRADE

AP EUROPEAN HISTORY

Requirement area: **Social Studies or Elective**

Course code: WEH212 (CHS-HIST111/112)

Grade Level: 10, 11, 12

Prerequisite: Completed 9th Grade Social Studies Course (Global Studies OR AP Human Geography)

Length: Year long (1.0 credit)

Homework: 4-6 hours per week



Description: AP European History will introduce students to significant cultural, economic, political and social developments within European History since 1450. The course is equivalent to a college level course and students may receive college credit by demonstrating mastery on the AP European History examination. This highly rewarding academic opportunity emphasizes reading (i.e., college level textbook, primary source documents, etc.) and writing (i.e., free response essays, document based questions, etc.). Prospective students should be highly motivated and prepared to complete a rigorous course of study. Students will be able to show mastery of the course content by taking part in the AP History Exam.

AP WORLD HISTORY

Requirement area: **Social Studies or Elective**

Course code: WWH300 (CHS-HIST103D)

Grade Level: 10

Prerequisite: Completion of 9th Grade Social Studies Course (Global Studies OR AP Human Geography)

Length: Year long (1.0 credit)

Homework: 4-6 hours per week



Description: The AP World History course is an academic year-long course with an emphasis on non-Western history. The course is designed to prepare students to be successful on the AP World History examination. AP World History is equivalent to a college level course and students may earn college credit. The course relies heavily on college level texts, primary source documents and outside reading assignments. A special emphasis will be given to historical writing through essay and document-based questions (DBQ). As a result this class will be challenging but highly rewarding. In order to meet the rigorous requirements of the course students are expected to be highly motivated and maintain a self-disciplined reading and homework schedule.

Social Studies

WORLD HISTORY: REGIONAL CIVILIZATIONS

Requirement area: **Social Studies or Elective**

Course code: WHR200

Grade Level: 10

Prerequisite: None

Length: Year long (1.0 Social Studies credit)

Homework: 1 hour per week

Description: This course will explore world history through 1900 AD. This course will focus on a global approach to studying history by studying inter-regional connections and global themes that connect to our world today. Students will complete a variety of activities including collaborative projects and writing assignments

11th GRADE

UNITED STATES HISTORY

Requirement area: **Social Studies or Elective**

Course code: WUS312

Grade Level: 11

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 1 hour per week



Description: This survey course explores United States history from Imperialism to the present. Course study emphasizes the emergence of the United States as an economic, political, military and cultural influence. Students examine how this impacts public policy, perceptions and attitudes, both inside and outside our borders. The following themes organize each unit: government, politics, economics, culture, diversity and foreign relations. Students will apply critical thinking and inquiry skills to read and write effectively while forming reasoned conclusions through historical discovery.

AP UNITED STATES HISTORY

Requirement area: **Social Studies or Elective**

Course code: WUS350 (CHS HIST&146-148)

Grade Level: 11

Prerequisite: Completed previous history/social studies course

Length: Year long (1.0 credit)

Homework: 4-6 hours per week



Description: AP U.S. History is a chronological survey course covering the period from 1491 to the present. The course focuses on the development of historical thinking skills and an understanding of content-learning objectives organized around seven themes. AP US History is designed to be the equivalent of a two-semester introductory college or university course. Furthermore, students will be prepared to take the AP US History exam offered by the College Board and earn college credit. Students also have the option to gain up to 15 credits through the EvCC College in the High School program.

Social Studies

12th GRADE

AMERICAN GOVERNMENT

Requirement area: **Social Studies or Elective**

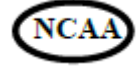
Course code: WAG400

Grade Level: 12

Prerequisite: US History

Length: 1 semester (0.5 credit)

Homework: 1 hour per week



Description: This class covers six aspects of government: Constitutional Underpinnings, Political Beliefs/Political Behaviors, Interest Groups/Political Parties/Media, Institutions, Public Policy and Civil Liberties/Civil Rights.

CIVICS AND SOCIAL ISSUES

Requirement area: **Social Studies or Elective**

Course code: WSI200

Grade Level: 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 1 hour per week



Description: Students will use the conceptual understandings they have developed in civics, economics, geography and history to explore pressing issues in our nation and world today. Through reading, writing, discussions and debate students will evaluate the issues of American political ideology, human rights, the environment, globalization and the economy, crime and violence and civic action and responsibility.

CONTEMPORARY WORLD PROBLEMS

Requirement area: **Social Studies or Elective**

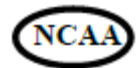
Course code: WWP200

Grade Level: 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: None



Description: This course will explore World History and issues from 1900 to present with a focus on Africa and the Middle East. To understand our contemporary world students will examine the interrelationship of world regions by analyzing historical, governmental (civics), economic and geographic (cultures) attributes. Additionally, students will apply critical thinking and research skills to examine current world events. Topics may include: human rights, nuclear proliferation, America's role in the international community, the severe environmental threats facing many regions around the world, how religion influences conflict, and America's "War on Terror" and its impact on the contemporary world.

Social Studies

AP US GOVERNMENT AND POLITICS

Requirement area: **Social Studies or Elective**

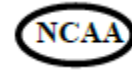
Course code: WAG450 (CHS—POL&202)

Grade Level: 12

Prerequisite: Completed previous history/social studies course

Length: Year long (1.0 credit)

Homework: 3-5 hours per week



Description: Advanced Placement United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret US Government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute US Government and politics. AP US Government and Politics is designed to be the equivalent of a one-semester introductory college or university course. Furthermore, students will be prepared to take the AP US Government and Politics exam offered by the College Board and earn college credit. Students also have the option to gain five credits through the EvCC College in the High School program.

SOCIAL STUDIES ELECTIVES

COMPARATIVE WORLD RELIGIONS

Requirement area: **Social Studies or Elective**

Course code: WWR300 (CHS HUMU&247D)

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: None



Description: Survey of the major world religions (Christianity, Judaism, Islam, Buddhism, Confucianism, Taoism, Hinduism), including their beliefs, practices, institutions and evaluation of the human condition.

ECONOMICS

Requirement area: **CTE, Social Studies or Elective**

Course code: BEC200

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework:



Description: Students will learn how the economy of the United States functions and their role in it. Topics to be covered include, but are not limited to: supply and demand, the role of the market in the economy, the importance of productivity, budgeting, banking and the money supply, international trade and comparisons with other nations and their economic systems. This class will give students planning to attend college a good background if they plan on taking business course and/or if they plan on taking economics to help satisfy their college's social science requirement.

Social Studies

INTRODUCTION TO PHILOSOPHY

Requirement area: **Social Studies or Elective**

Course code: WPH300 PHIL&101Intro

Grade Level: 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework:

Description: This course is intended to introduce students to philosophical questions, to make students aware of how some of history's greatest philosophers have approached those questions and what they have had to say about them, to help a student to articulate philosophical concerns of their own and, most importantly, to learn how to address them. Among the areas of philosophy explored this semester are ethics philosophy, metaphysics and theory of knowledge.

LATIN AMERICAN HISTORY

Requirement area: **Social Studies or Elective**

Course code: WLH200

Grade Level: 10, 11, 12

Prerequisites: 9th Grade Humanities

Length: 1 semester (0.5 credit)

Homework:

Description: In this survey course students explore different historical themes in Latin America. The time period studied in this course will range from early pre-Hispanic civilizations to present day. Students examine the region's indigenous civilizations, European colonization, independence movements and social and political events and issues of the 20th century. U.S./Latin American relationships and the culture of Latin America today will also be discussed.

Social Studies

HISTORY THROUGH SPORTS

Requirement area: **Social Studies or Elective**

Course code: WSA000

Grade Level: 11, 12

Prerequisites: None

Length: 1 semester (0.5 credit)

Homework: None

Description: Sports in American Society will focus on the significant impact sports has played—and continues to play—in society, with an emphasis on U.S. society. In this course students will examine the development of sports in America through various historical, civic, economic and sociological perspectives. There will be an emphasis on helping students gain a better understanding of the interconnected relationship that sport has with social, economic, cultural, and political forces at work, especially in the United States. Using an inquiry-based approach, student will examine historical context and on-going civic impacts of sports including the significance of gender, race, ethnicity, age and socioeconomics through readings, primary/secondary sources, audio-visual and online materials as well as student-driven projects and class discussions. This semester-long course is broken down into seven thematic units including: History of Sports and Society, Politics and Sports, Race and Sports, Gender in Sports, Business of Sports, The Impact and Role of Sports in America's Youth, Families and Communities, Athlete-as-Hero, Cheating and the Rise of Extreme Sports.

YOUTH AND REVOLT: ROCK AND ROLL'S INFLUENCE ON AMERICAN YOUTH AND SOCIAL CHANGE

Requirement area: **Social Studies or Elective**

Course code: WYR200

Grade Level: 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: 1 hour per week

Description: In the class Youth and Revolt students will use the lens of music to examine the modern 20th century. By investigating the musicians, songs and events that are a familiar part of the music landscape students will deepen their understanding of, and connection to, the broader political, economic and social patterns that make up American history, developing interpretations based on historical evidence to construct closely reasoned arguments rather than facile opinions. Special attention will be paid to social movements and Rock and Roll's influence on the youth of our country.

WASHINGTON STATE HISTORY

Requirement area: (SS or EL)

Course code: WSH101

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Description: Washington State History will cover the various explorers, fur traders and Indians of the Pacific Northwest. The establishment of boundaries, settlements of the Northwest and current resources and industries of the Pacific Northwest will be studied. Included are the structure of Washington State's government from territorial days to its present political form and the migration of people moving to the Northwest.

World Languages

Following state guidelines two (2) years or four (4) semesters of the same World Language are required unless determined by the student's **Personalized Pathway.

FRENCH 1

Requirement area: **World Language**

Course code: FLF112

Grade Level: 9, 10, 11

Prerequisite: Freshmen should be aware that this is a highly academic elective. A strong background in core curriculum is recommended to ensure student success

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$20



Description: Through listening, speaking, reading and writing exercises the students will learn to understand, listen to, speak, read and write French. Along with focusing on the usage of correct grammar, emphasis will be placed on the many different cultures where French is spoken today.

FRENCH 2

Requirement area: **World Language**

Course code: FLF212

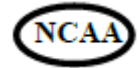
Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of first year language

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$20



Description: Student enrolled in French II will expand the essential language skills to discuss familiar topics and participate in social and intercultural situations using various verb tenses, add to basic knowledge about the structure of the language, cultural traditions and influential historical events. They will also develop a global awareness and perspective.

FRENCH 3

Requirement area: **World Language**

Course code: FLF312

Grade Level: 9, 10, 11, 12

Prerequisite: Completion of French II

Length: Year long (1.0 credit)

Homework: 2-3 hours per week

Fee: \$20



Description: To increase understanding of and their fluency in French, students will participate in the advanced study of French literature, plays and dialogues. The students will be exposed to important political and geographical aspects of the French culture. Advanced grammar studies will focus on the correct usage of varied sentence patterns involving past, present and future tenses.

FRENCH 4

Requirement area: **World Language**

Course code: FLF412

Grade Level: 9, 10, 11, 12

Prerequisite: Completion of French III

Length: Year long (1.0 credit)

Homework: 2-3 hours per week

Fee: \$20



Description: To expand understanding of and fluency in French, students will participate in the advanced study of French literature, plays and dialogues. The students will be exposed to important political and geographical aspects of the French culture. Advanced grammar studies will focus on the correct usage of varied sentence patterns involving indicative and subjunctive moods.

World Languages

GERMAN 1

Requirement area: **World Language**

Course code: FLG112

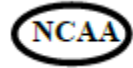
Grade Level: 9, 10, 11

Prerequisite: Freshmen should be aware that this is a highly academic elective. A strong background in core curriculum is recommended to ensure student success.

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$20



Description: Through listening, speaking, reading and writing exercises, the students will learn to understand, speak, read and write German. Emphasis will be upon listening and speaking skills. Cultural differences and similarities between German and English speaking areas are explored.

GERMAN 2

Requirement area: **World Language**

Course code: FLG212

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of first year language

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$20



Description: Students enrolled in German II will expand the essential language skills to discuss familiar topics and participate in social and intercultural situations using various verb tenses, add to basic knowledge about the structure of the language, cultural traditions and influential historical events. They will also develop a global awareness and perspective.

GERMAN 3

Requirement area: **World Language**

Course code: FLG312

Grade Level: 9, 10, 1, 12

Prerequisite: Completion of German II

Length: Year long (1.0 credit)

Homework: 2-3 hours per week

Fee: \$20



Description: At this level students will expand reading, writing, listening and speaking skills in German. Content will include advanced grammar, vocabulary, history and culture. Students will read, discuss and write about short stories and literature.

GERMAN 4

Requirement area: **World Language**

Course code: FLG412

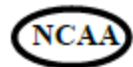
Grade Level: 9, 10, 11, 12

Prerequisite: Completion of German III

Length: Year long (1.0 credit)

Homework: 2-3 hours per week

Fee: \$20



Description: Students at this advanced level will further expand reading, writing, listening and speaking skills in German. Content will include more advanced grammar, vocabulary, history and culture. Student will read and discuss articles, short stories and more literature.

World Languages

SPANISH 1

Requirement area: **World Language**

Course code: FLS112

Grade Level: 9, 10, 11

Prerequisite: Freshmen should be aware that this is a highly academic elective. A strong background in core curriculum is recommended to ensure student success.

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$20



Description: Through listening, speaking, reading and writing exercises students will learn to listen to, speak, read and write Spanish. Along with focusing on the usage of correct grammar emphasis will be placed on the many different cultures where Spanish is spoken today.

SPANISH 2

Requirement area: **World Language**

Course code: FLS212 (CHS SPAN&122)

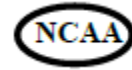
Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of first year language

Length: Year long (1.0 credit)

Homework: 1-2 hours per week

Fee: \$20



Description: Students enrolled in Spanish II will expand the essential language skills to discuss familiar topics and participate in social and intercultural situations using various verb tenses, add to basic knowledge about the structure of the language, cultural traditions and influential historical events. They will also develop a global awareness and perspective.

SPANISH 3

Requirement area: **World Language**

Course code: FLS312 (CHS SPAN&123)

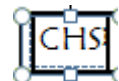
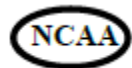
Grade Level: 9, 10, 11, 12

Prerequisite: Completion of Spanish II

Length: Year long (1.0 credit)

Homework: 2-3 hours per week

Fee: \$20



Description: Students will perform advanced drills for improving their speaking, listening, reading and writing skills. The majority of the class will be conducted in Spanish. Students will advance their knowledge of cultural, geographical and historical aspects of Spanish-speaking cultures. All verb tenses will be introduced and additional advanced grammatical structures will be introduced and mastered.

World Languages

AP SPANISH 4

Requirement area: **World Language**

Course code: FLS412

Grade Level: 9, 10, 11, 12

Prerequisite: Completion of Spanish III

Length: 2-3

Homework: 1-2 hours per week

Fee: \$20



Description: Students will expand their knowledge of advanced grammar and vocabulary as well as achieve a higher level of proficiency of the vocabulary and syntax previously explored in Spanish I-III. The focus of this course will concentrate on activities that involve speaking, aural comprehension, reading and writing. The class will be conducted in Spanish. Students will advance their knowledge of cultural, geographical and historical aspects of Spanish-speaking cultures. Preparation for the AP Exam is part of this class.

AMERICAN SIGN LANGUAGE 1

Requirement area: **World Language**

Course code: FLA112

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 1-2 hours per week



Description: This year-long courses is an introduction to American Sign Language. Throughout the year students will learn and understand the history of American Sign Language and its grammatical system. They will become effective communicators of ASL, both expressively and receptively.

Note 1: *There are a few colleges that do not accept American Sign Language for their World Language entrance requirement. Make sure any college you are planning to attend accepts this language before registering.*

Note 2: *Some colleges require or encourage three years of World Language. ASL will only be offered for two years at MHS.*

Electives

ELECTIVES

AP SPANISH LITERATURE AND CULTURE

Requirement area: **Elective**

Course code: FLS313

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Spanish III or equivalent placement

Length: Year long (1.0 credit)

Homework:

Description: The AP® Spanish Literature and Culture course is designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. The course provides opportunities for students to demonstrate their proficiency in Spanish across the three modes of communication (interpersonal, interpretive, and presentational) and the five goal areas (communication, cultures, connections, comparisons, and communities). The overarching aims of the course are to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills — with special attention to critical reading and analytical writing — and to encourage them to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish.

LATIN 1

Requirement area: **Elective**

Course code: FLL112

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Description: This course is an introduction to the world of the ancient Roman people and to the Latin language. Students will learn both to see Latin as an important part of that world and to view that world through Latin. Emphasis will thus be placed on the elements of the language: alphabet and pronunciation, parts of speech, word-formation, vocabulary (including English derivatives) and grammatical rules. It is the first part of the elementary study of Latin.

****NOTE:** *We do not anticipate offering Latin 2. Therefore this is an elective only. Do not plan to use Latin to satisfy the World Language requirement.*

Electives

SUPPORT CLASSES

ACADEMIC SUPPORT

Requirement area: **Elective**

Course code: GAC001/GAC002

Grade Level: 9, 10, 11,12

Prerequisite: None

Length: 1 semester (0.5 credit), repeatable. Students can earn a maximum of 2.0 credits

Homework: None

Description: Academic support provides students with a structured scheduled academic environment providing the opportunity to complete assignments and access to school resources. Students are assigned to an instructor for the class period and required to adhere to behavioral and academic expectations in order to earn credit.

ADVANCED MATH AND SCIENCE SUPPORT

Requirement area: **Elective**

Course code: GMS300

Grade Level: 10, 11, 12

Prerequisite: Enrolled in Pre-Calculus or higher math OR enrolled in Chemistry or higher science

Length: 1 semester (0.5 credit), repeatable

Homework: None

Description: This course is designed to help students who are currently enrolled in Pre-calculus or higher math classes and/or Chemistry or higher science classes. The class will provide students with specific assistance on understanding the content and concepts presented in advanced Math and Science course work. A strong focus will be on successful homework completion and test preparation. Time will be provided for students to seek help from one another and from the teacher. Graded Pass/Fail.

AP WRITING SUPPORT A/B

Requirement area: **Elective**

Course code: GWS001/GWS002

Grade Level: 9, 10, 11, 12

Prerequisite: Enrollment in an AP course & enrollment in an English class or instructor approval. Repeatable

Length: 1 semester (0.5 credit), repeatable

Homework: None

Description: In this course we will build essential skills for students to feel confident and be successful in AP level English courses and beyond. We will focus on: elements of English grammar (sentence structures, word parts, vocabulary, etc.), essential aspects of rhetoric and argument, revision and editing skills, and course materials relevant to students' core English class.

Electives

ELECTIVES

AP SEMINAR

Requirement area: **Elective**

Course code: GAP300

Grade Level: 11

Prerequisite: Must have been enrolled (or be concurrently enrolled in) 2 or more AP classes

Length: Year long (1.0 credit)

Homework: 3-4 hours per week

Description: AP Seminar is a foundational course that engages students in cross-curricular conversations where they can explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework students practice reading and analyzing articles, research studies and foundational, literary and philosophical texts; listening to and viewing speeches, broadcasts, personal accounts; and experiencing artistic works and performances. They synthesize information from multiple sources, develop their own perspectives in written essays and design and deliver oral and visual presentations, both individually and as a team. Ultimately the course aims to equip students with the power to analyze and evaluate information with accuracy and precision so they can craft and communicate evidence-based arguments. Exploring different points of view and making connections across disciplines are fundamental components of the AP Seminar experience. Students consider one topic or issue from multiple perspectives, many of which are divergent or competing. Analyzing topics through multiple lenses aids in interdisciplinary understanding and gives students a rich appreciation for the intricacy of important issues.

Electives

AP PSYCHOLOGY

Requirement area: **Elective**

Course code: WPY250

Grade Level: 11, 12

Prerequisite: 11th or 12th grade status or teacher approval

Length: Year long (1.0 credit)

Homework: 3 hours per week



Description: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

PSYCHOLOGY

Requirement area: **Elective**

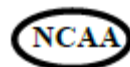
Course code: WPY200

Grade Level: 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit)

Homework: None



Description: Psychology deals with the study of human behavior. Emphasis will be placed on the study and understanding of everyday behavior. Other topics studied include motivation, memory, emotions, personality development, disturbances and breakdowns.

ENGLISH LANGUAGE LEARNERS 1

Requirement area: **Elective**

Course code: OLN302

Grade Level: 9, 10, 11, 12

Prerequisite: State approved placement test L1 (Note: State language level classifications may change over time)

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Description: Students will receive instruction in basic English through the exposure and practice of the four domains of communication: speaking, listening, reading and writing. There will be a focus on developing proper pronunciation as well as improving vocabulary knowledge. This course will also offer English learners the opportunity to practice and increase their reading skills and strategies. Student will receive instruction in the writing process as well as basic grammar and vocabulary exercises. An emphasis will be given to familiarize students with the US education system.

ENGLISH LANGUAGE LEARNERS 2

Requirement area: **Elective**

Course code: OLL102

Grade Level: 9, 10, 11, 12

Prerequisite: State approved placement test L1 (Note: State language level classifications may change over time)

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Description: Students will receive instruction in the English language, while studying a full range of literature. This course will offer English learners the opportunity to practice and increase their reading skills and strategies. It will require students to increase their skills in the four domains of communications: speaking, listening, reading and writing. Students will receive instruction in the writing process as well as intensive grammar and vocabulary exercises.

Electives

JUNIOR ROTC MARINE CORPS

Requirement area: **Occupational, PE or Elective**

Course code: ZRO112

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Year long (2.0 credit)

Fee: \$335 for transportation due prior to first day of school (need-based scholarships available)

Description: The Marine Corps Junior Reserve Officers Training Corps Program (MCJROTC) is a full credit practical leadership course that emphasizes development of qualities of leadership, self-discipline, honor, courage and integrity. Citizenship training is emphasized throughout every aspect of the MCJROTC program. In addition, Cadets are acquainted with basic military skills and Marine Corps traditions. The MCJROTC curriculum is designed to enable Cadets in the development of standards, traits and skills that provide foundations to future success—regardless of future career field. Leadership objectives will be met by standard classroom instruction, physical fitness training, close order drill, marksmanship, community service and interscholastic competitions. Classes are integrated grades 9 through 12 in order to enhance the learning experience and give Cadets the opportunity to assume positions of leadership amongst their peers to better develop their leadership skills. *(Students are transported to Snohomish High School every day and miss up to 20 minutes of 3rd period daily)*

ROTC ADVANCED LEADERSHIP DRILL LAB

Requirement area: **PE or Elective**

Course code: ZRO212

Grade Level: 9, 10, 11, 12 **(Snohomish High School only—Zero Period)**

Prerequisite: Must be enrolled in JROTC & Instructor approval

Length: Year long (1.0 credit)

Description: Cadets meet 55 minutes per day, 5 days per week during Zero Period. They learn and practice precision drill on either the “armed” or “unarmed” drill team. Cadets participate in the Northwest Drill and Rifle Conference. They compete with 10 other high schools in Western Washington for awards. *Students must maintain a 2.0 GPA to participate in drill meets. Note: Since this course is offered before school (Zero period at Snohomish High School), students enrolling are responsible for their own transportation.*

LEADERSHIP I—BUILDING RELATIONSHIPS, CHARACTER AND COMMUNICATION

Requirement area: **Elective**

Course code: LDR202

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester (0.5 credit) Repeatable

Homework: 0-1 hour per week

Description: This course begins to develop the positive character and leadership power of every student to lead with integrity while serving their school and community by focusing on the values of kindness, trustworthiness, influence and respect. The class is primarily based on action and experiences and emphasizes the importance of communication, character, personal growth, building strong relationships and exemplifying community engagement. We also work on serving the school through small culture-building projects.

Electives

ASSISTANT POSITIONS

FOOD SERVICE ASSISTANT

Requirement area: **Elective**

Course code: GFS101/102

Grade Level: 10, 11, 12

Prerequisite: Consent of kitchen supervisor

Length: 1 semester (0.5 credit). May be repeated once for an additional 0.5 credit

Homework: None

Description: This course involves working in the cafeteria at the high school. Students may work before, during or after the assigned lunch period. Duties may include food preparation, food handling, dishwashing and other duties related to food service. Students will receive lunch free. Students are required to have a Health Card by the middle of the first quarter in the course. **S-U Grade only.**

LIBRARY ASSISTANT

Requirement area: **Elective**

Course code: GLA101/102

Grade Level: 11, 12

Prerequisite: Consent of the teacher-librarian and one teacher/staff recommendation. Students need to be passing all their classes to be a library TA.

Length: 1 semester (0.5 credit) May be repeated for an additional 0.5 credit

Homework: None

Description: Library assistants may perform the following duties: Circulation and shelving of library materials, keeping shelves in order, running errands, processing materials, watering plants, creating displays and other duties as assigned. Student will use the computer for many tasks and learn the library's computer and organizational systems. Computer and keyboarding skills are helpful but not required. Students must be dependable, responsible and have a good attendance record. **S-U Grade only.**

OFFICE ASSISTANT

Requirement area: **Elective**

Course code: ZTA101/102

Grade Level: 11, 12

Prerequisite: Consent of a secretary

Length: 1 semester (0.5 credit). May be repeated for an additional 0.5 credit

Homework: None

Description: Students will assist in the following areas: copying, delivering student notes, passes, and early dismissal slips, answering the telephones, distributing papers and bulletins, escorting visitors and answering inquiries at the counter. **S-U Grade only.**

Electives

TEACHER ASSISTANT

Requirement area: **Elective**

Course code: ZTA101/102

Grade Level: 11, 12

Prerequisite: Consent of the teacher

Length: 1 semester (0.5 credit) May be repeated for an additional 0.5 credit

Homework: None

Description: Duties vary by instructor and may include copying, correcting papers, preparation of classroom materials and/or working directly with students. Placement is made through the Counseling Center.
S-U Grade only.

PEER TUTOR

Requirement area: **Elective**

Course code: GPT201/202

Grade Level: 10, 11, 12

Prerequisite: Consent of the teacher

Length: 1 semester (0.5 credit) May be repeated once for an additional 0.5 credit

Homework: None

Description: Peer tutors work closely with the students and staff of the SLC Program under the direction of the SLC teacher. Peer tutors work with SLC students in small groups or 1-on-1 to complete assignments. The peer tutor may also escort students to classes or other locations in the building. Peer tutor designation may be used in some cases for mentoring done in classes outside of SLC; by principal discretion only.
S-U grade only.

MISCELLANEOUS

NINTH GRADE ACADEMY

Requirement area: **Required**

Course code: GNA000

Grade Level: 9

Prerequisite: None

Length: 1 semester (0.5 credit)

Description: This course will be required for all ninth graders. The primary objective is to assist freshmen in their transition to high school. This course will help students develop into confident, competent and connected members of the MHS Community. Some of the skills that freshmen will develop include: academic strategies for success, ability to work in groups, and an increased sense of being part of a caring community. Building on a student's strengths, this course will also explore areas such as leadership, respect and responsibility.

COURSE DESCRIPTION INDEX AND COURSE CODES

Academic Support (EL) <i>GAC000</i>	Animal Grooming (CTE or EL) <i>VAG200</i>
Advanced Drama (FA, EL) <i>AAD300</i>	Animal Science 1 (CTE, S, EL) <i>VAM11</i>
Advanced Graphic Design (CTE, FA, EL) <i>GVA 300</i>	Animal Science 2 (CTE, EL) <i>VAM212</i>
Advanced Math Support (EL) <i>GMS300</i>	Animal Veterinary Assistant (CTE, EL) <i>VAV100</i>
Advanced Multimedia (CTE, FA, EL) <i>VAM300</i>	AP Biology 2 (S or EL) <i>SBI250</i>
Advanced Photography 2 (FA, CTE, EL) <i>APH000</i>	AP Calculus (M or EL) <i>MCA 450</i>
Advanced Sports Medicine/Practicum (.5H*, CTE, EL) <i>SSM 312</i> .	AP Computer Science A (CTE, M, S, EL) <i>VCS300</i>
Advanced Technical Theater (FA, EL) <i>ATT300</i>	AP English Language and Composition (E or EL) <i>ELC350</i>
Agricultural Business Management/SAE (CTE or EL) <i>VAB100</i>	AP English Literature and Composition (E or EL) <i>EWL452</i>
Agri-Science (S, CTE, EL) <i>VAS100</i>	AP Environmental Science (S or EL) <i>SES250</i>
Algebra I Block (M or EL) <i>MAB 101/102</i>	AP Environmental Science (S or EL) <i>SES250</i>
Algebra 1 (M or EL) <i>MAL112</i>	AP European History (SS or EL) <i>WEH212</i>
Algebra 2 (M or EL) <i>MAL312</i>	AP Human Geography (SS, EL) <i>WHG150</i>
Algebra 2 Extended (M or EL) <i>MAL314/MAE000</i>	AP Music Theory (FA, EL) <i>CMT100</i>
Algebra 3 (M, EL) <i>MAL412</i>	AP Physics (S, EL) <i>SPH350</i>
American Government (SS or EL) <i>WAG400</i>	AP Psychology (SS, EL) <i>WPY 250</i>
American Literature and Composition 4 (E) <i>EJR300 CHS-NGL&111</i>	AP Spanish Literature & Culture (EL) <i>FLS313</i>
American Sign Language 1 (World Lang) <i>FLA112</i>	AP Statistics (M or EL) <i>MST400</i>
Anatomy & Physiology (S or EL) <i>SAN312</i>	AP Seminar (EL) <i>GAP300</i>
Ancient World History (SS or EL) <i>WAW100</i>	AP Spanish 4 (EL) <i>FLS412</i>

AP US Government and Politics (SS, EL) <i>WAG450</i>	CHS Chemistry (S, EL) SCH312 CHSCHEM&121
AP US History (SS or EL) <i>WUS350</i>	Child Psychology I (CTE or EL) <i>HCP101</i>
AP Writing Support (EL) <i>GWS001/002</i>	Civics and Social Issues (SS, EL) <i>WSI200</i>
AP World History (SS or EL) <i>WWH300</i>	College Choice Seminar (EL) <i>ECC400</i>
Art 1 (FA or EL) <i>ART110</i>	Comparative World Religions (SS or EL) <i>WWR300</i>
Art 2 (FA or EL) <i>ART112</i>	Competitive Sports (PE or EL) <i>POS100/102</i>
Art 3 (FA or EL) <i>ART113</i>	Cooperative PE (FA, EL) <i>RPE090</i>
Art 4 (FA or EL) <i>ART114</i>	Core Fitness (PE or EL) <i>PLF200/202</i>
Art 5 (FA or EL) <i>ART115</i>	Creative Writing I: The Sentence (EL) <i>EC-R301</i>
ASB Specialty Positions (CTE, EL) <i>VSA000</i>	Creative Writing II: The Novel (EL) <i>EC-R302</i>
ASB Officers (CTE, EL) <i>VSO000</i>	Culinary Arts 1 & 2 (CTE or EL) <i>HCA000/300</i>
Astronomy (S or EL) <i>SAT200</i>	Drama 1 (FA or EL) <i>ADR112</i>
Baking & Desserts (CTE or EL) <i>HBD000</i>	Drugs and Their Impact on the Human Body (S, EL) <i>SDI300</i>
Behind the Curtain (FA, EL) <i>AIT100</i>	Economics (CTE, SS, EL) <i>BEC200</i>
Bearcats Teach (CTE) <i>VBT300</i>	Emerging and Infectious Diseases (S, EL) <i>SED000</i>
Biology I (S or EL) <i>SBI212</i>	Engineering Design 1 A/B (CTE or EL) <i>VED102</i>
Body Conditioning (PE or EL) <i>PBC200/201</i>	Engineering Design 2 A/B (CTE, EL) <i>VMT200</i>
Body Conditioning for Females (PE or EL) <i>PBC202/PBC203</i>	Engineering Design 3 A/B (CTE OR EL) <i>VED102</i>
Bridge to College Math (M or EL) <i>MBC400</i>	English Language Arts 9 (E) <i>ELA112</i>
Business Law (CTE or EL) <i>BBL200</i>	English Language Arts 10 (E) <i>EEL 212</i>
Cell Biotechnology & Forensics (CTE, S, EL) <i>SCB200</i>	English Language Arts 12 (E) <i>EWL412</i>
CHS Biology (S or EL) <i>SBI211</i>	English Language Learners 1 (EL) <i>OLL102</i>
Chemistry (S or EL) <i>SCH312</i>	English Language Learners 2 (EL) <i>OLL102</i>

Environmental Science (CTE, S, EL) <i>SES212</i>	Honors Algebra 2 (M or EL) <i>MAL313</i>
Film Literature (FA, EL) <i>AFL300</i>	Honors English Language Arts 9 (E) <i>ELA152</i>
Financial Fitness (CTE, M*, EL) <i>MFF300</i>	Honors English Language Arts 10 (E) <i>EEL250</i>
Floriculture/Floral Design (FA, CTE, EL) <i>VFF100</i>	Honors Geometry (M or EL) <i>MGE213</i>
Flute Ensemble (FA, EL) <i>CGE212</i>	Horticulture 1 (CTE, S, EL), <i>VOH112</i>
Food Science/Performance Nutrition (CTE, S, EL) <i>VFS200</i>	Horticulture 2 (CTE, EL) <i>VOH212</i>
Food Service Assistant (EL) <i>GFS101/102</i>	Independent Living (CTE, EL) <i>HIL200</i>
French 1 (EL) <i>FLF112</i>	Integrated Science (M, EL) <i>SIS113</i>
French 2 (EL) <i>FLF212</i>	Introduction to Computer Science Principles (EL) <i>VCS100</i>
French 3 (EL) <i>FLF312</i>	Introduction to Drawing (FE, EL) <i>ART118</i>
French 4 (EL) <i>FLF412</i>	Introduction to Fitness (PE or EL) <i>DIF100</i>
Genes and Ancestry (S, EL) <i>SGA300</i>	Introduction to Philosophy (SS or EL) <i>WPH300</i>
Geometry (M or EL) <i>MGE212</i>	Introduction to Sports Medicine /Practicum (S, CTE, EL) <i>SSM212</i>
Geometry Extended (EL) <i>MGE214/MGE000</i>	Jazz Band (FA or EL) <i>CJB212</i>
German 1 (EL) <i>FLG112</i>	Jazz Choir (FA or EL) <i>CJE212</i>
German 2 (EL) <i>FLG212</i>	Junior ROTC Marine Corps (EL) <i>ZRO112</i>
German 3 (EL) <i>FLG312</i>	Keyboarding for Piano (FA or EL) <i>CBP100</i>
German 4 (EL) <i>FLG412</i>	Latin 1 (EL) <i>FLL112</i>
Graphic Design 37, 51 (CTE, FA, EL) <i>VGC100</i>	Latin American History (SS, EL) <i>WLH200</i>
Health (H, CTE, EL) <i>HEA209</i>	Leadership (EL) <i>LDR202</i>
Healthcare Careers (CTE, EL) <i>HHC000</i>	Library Assistant (EL) <i>GLA101/102</i>
History Through Sports (EL) <i>WSA000</i>	Manufacturing Technology Core Plus (CTE or EL) <i>VCM212</i>
	Marine Biology (S or EL) <i>SMB200</i>

Marketing 1 (CTE or EL) <i>BMK212</i>	Shakespeare 2: Comedies/Tragedies (EL) <i>ESH302</i>
Marketing 2 (CTE or EL) <i>BMK312</i>	Spanish 1 (EL) <i>FLS112</i>
Marketing 3 (CTE or EL) <i>BMS412</i>	Spanish 2 (EL) <i>FLS212</i>
Microsoft Office Applications (CTE or EL) <i>BMA200</i>	Spanish 3 (EL) <i>FLS312</i>
Monroe Mixed Choir (FA or EL) <i>CMC312</i>	AP Spanish 4 (EL) <i>FLS412</i>
Multimedia (CTE, FA, EL) <i>VMM000</i>	Sports and Entertainment Marketing (CTE or EL) <i>BMK000</i>
Musical Theater Performance (FA, EL) <i>AMT101</i>	Symphonic Band (FA or EL) <i>CSB212</i>
Ninth Grade Academy (EL) <i>GNA000</i>	Teacher Assistant (EL) <i>ZTA101/102</i>
Noncompetitive Sports (PE, EL) <i>PNC001/PNC002</i>	Treble Choir (FA or EL) <i>CBC100</i>
Office Assistant (EL) <i>ZTA101/102</i>	US History (SS or EL) <i>WUS312</i>
Peer Tutor (EL) <i>GPT201/202</i>	Ugly Art (FA, EL) <i>AUA000</i>
Percussion Ensemble (FA or EL) <i>CPE212</i>	Varsity Choir (FA or EL) <i>CMC112</i>
Personal Finance (CTE or EL) <i>BIM200</i>	Walk Fit (PE or EL) <i>PWC100/102</i>
Physics (S or EL) <i>SPH312</i>	Weights for Athletic Performance (PE, EL) <i>PWA301/PWA302</i>
Photography 1 (FA, CTE, EL) <i>ACP100</i>	Wildlife Biology (S, EL) <i>SWB000</i>
Pottery and Sculpture (FA or EL) <i>ART117</i>	Wind Ensemble (FA or EL) <i>CWE112</i>
Poetry (FA or EL) <i>EPO100</i>	World Geography (SS, EL) <i>WGO100</i>
Pre-Calculus (M or EL) <i>MMA312</i>	World History—Regional Civilizations (SS, EL) <i>WHR200</i>
Psychology (SS or EL) <i>WPY200</i>	Yearbook (FA, CTE, EL) <i>EPY212</i>
Robotics (CTE) <i>VRO300</i>	Yoga (PE, EL) <i>PO001/PYO002</i>
ROTC Advanced Leadership Drill Lab (EL, PE) <i>ZRO212</i>	Youth & Revolt: Rock & Roll’s Influence (SS or EL) <i>WYR200</i>
	Zoology (S or EL) <i>SZO200</i>