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**Mercer Island High School**

# MIHS

# Course Catalog

2018-2019

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*The information in this catalog, including the description of graduation requirements and proposed course offerings, is accurate as of January 2018. It is the student's responsibility to know the graduation requirements in effect for his/her graduation year and to implement a plan to fulfill them.*

# MIHS Course Catalog 2018-2019

This course catalog is a valuable tool to help you plan your four-year educational program. It describes the academic rigor and diversity of our curriculum. The variety of options allow you to individualize your course of study to meet your academic objectives, learning needs, and interests. Please consult with your parent/guardian and counselor as you use this catalog to design your high school program.

## How to Use this Catalog

To gain the most from this catalog, do the following:

1. Read the **General Information** section to understand the offerings available for your four-year high school education at MIHS. You will learn about graduation requirements (by graduation year) and about the standard and special courses/programs offered to meet those requirements. High school students today have a vast array of options open to them, and most students will earn high school credit through more than one instructional model. Read about options in the General Information section of this catalog.
2. Know your **Graduation Requirements**. These include 4 categories:
  - Total credits that must be earned
  - Content that must be covered in those credits
  - Testing requirements for each graduating class
  - High School and Beyond Plan and Preferred Pathway declaration
3. Read the **Course Descriptions** in the subject sections, and mark courses that are of interest to you--to be taken now or in the future. Pay attention to:
  - **Course Title:** If a course is listed as an honors or AP course, be prepared to meet advanced expectations. It is not possible to accommodate students who wish to “try” an advanced course only to drop it some weeks into the instructional year. Be sure you are able to handle the advanced work and the additional outside time that will be required for any course you select.
  - **Grade Level:** Curriculum is designed for specific students, and some materials used in upper level courses are not easily comprehended by younger, less experienced students.
  - **Recommended Preparation:** When prior work recommendations are listed, it means mastery of skills and knowledge is expected, and will not be re-taught or reviewed. The scope of material that must be covered in advanced courses is significant, and there is an expectation that the student will complete some parts of the course independently.
  - **Graduation Content Requirement:** Courses may be designed to address more than one content area for graduation requirements, but each course will be assigned to fulfill credit only in one content area for the student.
  - **Special Credit Available:** In all cases, the special credit available depends on a number of variables and is not guaranteed. Requirements may include: required examination, qualifying score on an exam or specific final grade, current articulation agreement in effect between MIHS and the credit-granting institution, qualification of the teacher by the credit-granting institution, tuition payment by student, and number of students opting for college credit in a given course. Teachers of these courses will explain the college credit options in the first weeks of classes.
  - **Fees:** Most courses do not have fees. Books and workbooks are available for loan from the MIHS Library, and many texts used at MIHS are available to students through their school-loaned iPads. Students who wish to write in their books or workbooks must purchase their own copies from outside vendors. No student will be barred from a course for inability to pay a course fee. MIHS counselors can assist students to access funds to cover course fees.
4. **Make a plan** to achieve a high school diploma and to take advantage of the academic options that are unique to high school in general (like Marching Band) and to MIHS in particular (like study of the ecology of the Puget Sound region). Track your progress through your plan every semester; adjust the plan at pre-registration in February of each year; consult with your academic counselor at MIHS.

## General Information

In addition to describing courses available through the high school, the MIHS Course Catalog provides information about graduation requirements, grading, career options, college credit courses, special programs, and policies related to enrollment at MIHS.

### Accreditation

Mercer Island High School is a four-year public high school. It is accredited by the Puget Sound Educational District (PSESD) 121, which is one of the agencies recognized by Washington State's Office of the Superintendent of Public Instruction (OSPI) for accreditation.

### A Comprehensive High School Program

Mercer Island High School encourages each student to develop a well-rounded high school program. The teachers, counselors, and administrators recommend that students expand their schedules to include studies beyond the basic graduation requirements. Students can experience international culture and world languages; pursue areas of personal interest including music, art, drama, computer programming, marketing, business, sports, and other areas. MIHS is pleased to offer a comprehensive program. All students complete the High School and Beyond Plan during high school, and students in the Class of 2019 and later will develop Personalized Pathways directed toward post-high school endeavors.

### School Schedule

The typical school day runs from 8:00 am to 3:00 pm and includes seven class periods. On Wednesdays, the school day is fifty-five minutes shorter for students. All seven periods are in session on Monday, Thursday, and Friday; extended time (90-minute) class periods meet on Tuesday and Wednesday. In summary, each class will meet four times per week, once for 90 minutes, and three times for approximately 50 minutes each session. Information about the school schedule and alternate school schedules used occasionally is available on the school website.

### Academic Advising

Each student is eligible to receive academic advising from an assigned MIHS counselor who can give information regarding the 4-year plan and the Personalized Pathways, special opportunities and programs, and post-high-school options. Students served by IEP's receive academic advising from their MIHS counselor, IEP Resource Teacher, and the Transition Coordinator. All of these advisors offer academic planning and review throughout the school year, with special emphasis on registration advising in March through May. Students are encouraged to meet with their counselors early in their high school careers and on a regular basis throughout high school. Counselors, teachers, and parents can give important input to students as they develop their academic programs, consider their Personalized Pathways, and select post-high school programs and pursuits.

### Registration for Classes

The registration process for middle school students entering Mercer Island High School from Islander Middle School takes place in mid-winter. Currently-enrolled MIHS students complete the registration process following classroom presentations by the MIHS counselors. Mercer Island resident students who attend school outside the Mercer Island School District and who wish to enroll at Mercer Island High School are advised and registered in a dedicated new student registration session. Dates and times for all registration and enrollment events are published on the MIHS website. There is no priority scheduling by date. **All students who register in mid-winter/early spring have the same access to courses in the fall.** Families who move to Mercer Island after the close of the school year may register their students in late August.

**Course choices made by students are considered final.** Decisions about courses offered and staffing assignments are based on student requests for courses submitted during the registration period. These offerings and staff assignments are firmly set before fall classes begin. Therefore, students must be held to their original course requests. In fall, any schedule adjustments will be made only for academic reasons. Since the master schedule will be built based on course requests from students, it is possible that some of the courses listed in this guide will not be included in the master schedule, due to low number of student requests.

**Students:** Course selection is important for your academic growth, and it informs others about the way in which you planned for your future. Colleges, universities, and technical training programs consider your grades and course work when determining admission to post-high school institutions. Employers, military recruiters,

apprenticeships, scholarship programs, and NCAA often request student grades and course schedules when considering an application or eligibility rating. **Select courses that are appropriate to your experience, skill, level of commitment to the subject, and time available for homework. It is important to develop a schedule that allows you to meet your commitments.**

## The High School Transcript

### Grade Reporting Procedures

The academic year is divided into two semesters. Each semester consists of two quarters. Mid-semester progress report grades are assigned at the end of the first and third quarters, and semester grades are assigned at the end of the second and fourth quarters. Semester grades become part of the student's permanent record and are the basis for the calculated cumulative grade point average. The grading structure follows the standard Washington State high school transcript and unweighted grading requirements.

A = 4.0	B+ = 3.3	C+ = 2.3	D+ = 1.3
A- = 3.7	B = 3.0	C = 2.0	D = 1.0
	B- = 2.7	C- = 1.7	F = 0.0

The GPA is calculated at the end of each semester grading period. An exact class rank is determined based on the unweighted cumulative grade point average. The earliest a valid rank in class can be calculated is after 6 semesters of high school work are completed, or at the end of the junior year. MIHS calculates the GPA and rank after 6 semesters, 7 semesters, and 8 semesters.

### Off-Campus/External Course Credit

Mercer Island School District policy allows students enrolled at Mercer Island High School to request credit for academic work completed at other accredited public or private high schools or colleges during MIHS enrollment. **Prior to enrolling** in a course at another institution, the student must submit a **Student Request for Off-Campus Credit** form and a course syllabus. Requests must be approved by the principal before the student registers for the course. Grades from off-campus courses are not posted on the MIHS transcript. For successfully completed off-campus courses, "CR" (credit) will be indicated on the transcript.

### Summer Programs/Summer School

Each year the Counseling Center receives information about summer programs and summer school course offerings from the MISD Summer School and from a variety of summer enrichment, service, or adventure programs. Students interested in a summer academic or enrichment experience should contact their counselor well before Summer Break. Eligibility requirements and costs vary among programs. Some summer school courses and summer programs are accredited for high school credit. Students who are behind in course work and are considering a summer school program to complete required courses or recover credit should meet with their counselor in early spring to review options. If the summer course work is not part of the MISD Summer School program and the student wants to request that the course credit be posted on the MIHS transcript, he/she must submit a **Student Request for Off-Campus Credit** form prior to enrolling in the course.

## Student Involvement

Besides offering a rigorous educational program, Mercer Island High School provides a wide variety of co-curricular opportunities, from athletics to special interest clubs. An estimated 80-85% of the student body participates in these activities. To obtain information about athletic programs, contact the Athletics and Facilities Coordinator office (206) 236-3429. A list of special interest ASB-approved clubs is located on the MIHS website.

### Student Rights and Responsibilities

Students are encouraged to enjoy and contribute to a challenging, productive, responsible, and harmonious learning and social environment at Mercer Island High School. MIHS staff is committed to maintaining a school community that adheres to the school motto **Integrity, Innovation, and Inspiration**. All students and parents should review practices and policies outlined in the *MIHS Student Handbook*. These are designed to promote student safety, mutual respect, and positive social growth within our school community.

## Attendance

Students are responsible to attend their assigned classes and to be on time to each class. Frequent absences are damaging to a student's academic progress, social growth, affinity with his/her school community, development of appropriate classroom behavior, and prospects for higher education and future jobs. When a student is unavoidably absent, he/she must contact each teacher and arrange to make up any work missed and to take any quizzes/tests missed. **Upon return to school from any absence, a student will coordinate with the classroom teacher to complete assignments and assessments missed.**

## Harassment, Bullying, and Intimidation

MIHS staff are committed to maintaining a school community free from harassment, intimidation, and bullying. Harassment, intimidation, and bullying include any intentionally conveyed messages or images or physical or verbal acts motivated by race, color, religion, ancestry, national origin, gender, sexual orientation, gender expression or identity, mental or physical disability, or other distinguishing characteristic, when an act (1) physically harms a student or his/her property, (2) has the effect of substantially interfering with a student's education, (3) is so severe, persistent, or pervasive that it creates an intimidating or threatening educational environment, or (4) has the effect of severely disrupting the orderly operation of the school.

## Academic Integrity

At MIHS, academic integrity is a core value. Students must not seek to obtain, nor assist others to obtain credit for work that is not their own. They are expected to submit their own authentically-produced work for evaluation and critique by their teachers and their peers. Students with infractions will face progressive discipline. (See *MIHS Student Handbook*).

## Access to School Information

### Skyward Family Access and Schoology

Skyward is a state-wide student information system which is real-time and online. Parents and students can view class schedules, daily attendance, and grades on Skyward. Schoology is an information system that teachers use to post their course outlines and calendars, daily assignments, notes from classes, and links to other information sites. Teachers are required to report current grades on Skyward at least every three weeks. Skyward resides on a secure server, viewable using a unique log-in and password. To obtain access to the system, contact the Administrative Assistant at the Mercer Island School District Office (206) 230-6336. The Mercer Island Schoology site is not visible to the general public. Both students and parents have Schoology log-ins through which they may view teacher pages.

### Naviance/Family Connection

Naviance/Family Connection is Mercer Island High School's secure web-based service for completing the graduation requirement High School and Beyond Plan, researching career possibilities, and completing college searches. The High School and Beyond Plan requirements are assigned by grade, and they are fulfilled in classroom sessions led by the MIHS counselors, who visit classrooms for this purpose. Freshmen create their Naviance accounts, enter a model 4-year plan, complete a Learning Styles Inventory, and complete other requirements. Sophomores revise their 4-year plans, complete a Career Profiler Inventory, and complete other requirements. Juniors revise their 4-year plans, complete a Personality Inventory, and complete other requirements. Seniors use Naviance to support their post-high school plans for college, military, or employment. They enter resumes, document awards, submit college applications, and record personal reflections. A parent may view the developing High School and Beyond Plan through shared access to his/her student's Naviance account.

In addition to High School and Beyond Plan information on Naviance, other services are available, including self-paced SAT and ACT preparation courses and document storage for college exploration. The services through Naviance provide students and parents with up-to-date, objective information about high school academic planning, college choices and admissions requirements, interest and personality inventories, and scholarships. **MIHS uses Naviance exclusively for electronic submission of college application documents.** Information about events related to post-secondary planning are announced through Naviance, e-mails, and postings sent by the MIHS Counseling Department.

## **FERPA**

The Family Educational Rights and Privacy Act (FERPA) affords parents/legal guardians, adult students, and students over 18 years of age certain rights with respect to the student's education records. They are:

1. The right to inspect and review the student's education records within 45 days of the date the school district receives a request for access.
2. The right to request the amendment of the student's education records that the parent/legal guardian, adult student, or eligible student believes are inaccurate or misleading.
3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. (See District Policy 3231.) An exception permits disclosure without consent to school officials with legitimate and educational interests. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his/her professional responsibility. Upon request, the MISD discloses educational records without consent to officials of another school district in which a student seeks enrollment or intends to enroll.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the school district to comply with the requirements of FERPA.

## **Picture Policy**

Occasionally MIHS or MISD staff members photograph students or student work for use in school or district publications (yearbooks, calendars, newsletters, websites). Families who do not wish to release photographs of a student or a student's work must notify the school annually in writing.

## Graduation Requirements Classes of 2019 and 2020

Students in the Classes of 2019 and 2020 must complete 24 course credits. Of the 24 course credits required, 20 are specified by Mercer Island High School, the Mercer Island School District, and Washington State as follows:

Content	Credits	Content	Credits
English .....	4.0	Mathematics** .....	3.0
Social Studies: .....	3.0	Laboratory Sciences .....	3.0
• Washington State History* .....	(NC)	World Language (or PPR***).....	2.0
• American Studies-US History .....	(1.0)	Physical Education .....	1.5
• Contemporary Issues .....	(1.0)	Health Education .....	0.5
• Civics .....	(0.5)	College and Career Readiness .....	1.0
• Social Studies Elective .....	(0.5)	Fine Arts .....	2.0
		(or 1.0 Fine Arts + 1.0 PPR***)	

The remaining 4.0 credits typically are taken as additional academic courses or electives.

- \* For many students, the state’s requirement for Washington State History will be fulfilled through course work completed in middle school. For students who have not taken Washington State History in middle school, limited course options will be available.
- \*\* Students must earn 3 credits of math as follows: 2 credits in Algebra 1 and Geometry or higher math, 3rd credit is Algebra 2 or higher, or credit based on the student’s PPR (Personalized Pathway Requirement) and High School and Beyond Plan.
- \*\*\* PPR (Personalized Pathway Requirement) includes courses that lead to a specific post-high-school career or educational outcome chosen by the student, based on his/her interests and High School and Beyond Plan. These may include core, elective, and some support-type courses and are intended to provide a focus for the student’s learning. When applying for consideration of PPR alternatives for graduation, students will be required to inform their counselor to make sure the alternative aligns with the High School and Beyond Plan.

### Meeting Performance Standards for Classes of 2019 and 2020:

Students must meet state testing requirements and complete a High School and Beyond Plan.

#### 1. State Graduation Testing Requirements

For up-to-date information on assessments required, please refer to: [www.k12.wa.us/GraduationRequirements](http://www.k12.wa.us/GraduationRequirements)

##### English/Language Arts

- Pass 11th Grade Smarter Balanced English Language Arts Test, or appropriate assessments for students in Special Education
- OR Pass state-approved alternatives\*

##### Mathematics

- Pass 11th Grade Smarter Balanced Math Test, or appropriate assessment for students in Special Education
- OR Pass state-approved alternative\*

#### 2. High School and Beyond Plan

Students will design and document their high school and post-high school plan through Naviance.

\* *Students must take a high school state exam at least once before using a state-approved alternative.*

## Classes of 2021 and later

Students in the Classes of 2019 and later must complete 24 course credits. Of the 24 course credits required, 20 are specified by Mercer Island High School, the Mercer Island School District, and Washington State as follows:

Content	Credits	Content	Credits
English.....	4.0	Mathematics** .....	3.0
Social Studies: .....	3.0	Laboratory Sciences .....	3.0
• Washington State History*.....(NC)		World Language (or PPR***) .....	2.0
• American Studies-US History.....(1.0)		Physical Education .....	1.5
• Contemporary Issues.....(1.0)		Health Education .....	0.5
• Civics .....	(0.5)	College and Career Readiness .....	1.0
• Social Studies Elective.....(0.5)		Fine Arts.....	2.0
		(or 1.0 Fine Arts + 1.0 PPR***)	

The remaining 4.0 credits typically are taken as additional academic courses or electives.

- \* For many students, the state’s requirement for Washington State History will be fulfilled through course work completed in middle school. For students who have not taken Washington State History in middle school, limited course options will be available.
- \*\* Students must earn 3 credits of math as follows: 2 credits in Algebra 1 and Geometry or higher math, 3rd credit is Algebra 2 or higher, or credit based on the student’s PPR (Personalized Pathway Requirement) and High School and Beyond Plan.
- \*\*\* PPR (Personalized Pathway Requirement) includes courses that lead to a specific post-high-school career or educational outcome chosen by the student, based on his/her interests and High School and Beyond Plan. These may include core, elective, and some support-type courses and are intended to provide a focus for the student’s learning. When applying for consideration of PPR alternatives for graduation, students will be required to inform their counselor to make sure the alternative aligns with the High School and Beyond Plan.

## Meeting Performance Standards for Classes of 2019 and later:

Students must meet state testing requirements and complete a High School and Beyond Plan.

### 1. State Graduation Testing Requirements

For up-to-date information on assessments required, please refer to: [www.k12.wa.us/GraduationRequirements](http://www.k12.wa.us/GraduationRequirements)

#### English/Language Arts

- Pass 11th Grade Smarter Balanced English Language Arts Test, or appropriate assessments for students in Special Education
- **OR** Pass state-approved alternatives\*

#### Mathematics

- Pass 11th Grade Smarter Balanced Math Test, or appropriate assessment for students in Special Education
- **OR** Pass state-approved alternative\*

#### Science

- Pass Washington Comprehensive Assessment of Science or appropriate assessment for students in Special Education
- **OR** Pass state-approved alternative\*

### 2. High School and Beyond Plan

Students will design and document their high school and post-high school plan through Naviance.

\* Students must take a high school state exam at least once before using a state-approved alternative.

## College/University Entrance Requirements

Colleges and universities have different general requirements unique to each institution. However, there are some common requirements for each type of college or university. Although specific requirements may vary among institutions, the following minimum guidelines exist:

### Washington State Public Universities

<b>English</b> .....	4 years Includes 3 credits of college preparatory composition and literature
<b>Mathematics</b> .....	3 years Includes Algebra 1, Geometry, and Algebra 2
<b>Senior-Year Quantitative</b> .....	Required math course, or statistics, applied math, or appropriate quantitative career/technical courses; or algebra-based science course taken during the senior year
<b>Science</b> .....	2-3 years Includes 1 credit of Algebra-based biology, chemistry, or physics (Western Washington University specifies that the algebra-based science must be chemistry or physics.)
<b>Social Studies</b> .....	3 years (History or other Social Sciences)
<b>World Language</b> .....	2 years consecutive study (2 credits) of same language: world language, Native American language, or American Sign Language
<b>Fine Arts</b> .....	1 year (University of Washington and Western Washington University specify ½-credit in fine, visual, or performing arts; the other ½-credit may be in the arts or in an academic elective.)

### Private 4-Year Colleges/Universities

<b>English</b> .....	4 years
<b>Mathematics</b> .....	4 years
<b>Science</b> .....	2-3 years
<b>Social Studies</b> .....	3 years
<b>World Language</b> .....	2-3 years consecutive study of the same world language
<b>Academic and Arts Electives</b> .....	2 years

### Highly Selective Colleges/Universities

<b>English</b> .....	4 years
<b>Mathematics</b> .....	4 years
<b>Science</b> .....	3-4 years laboratory sciences
<b>Social Studies</b> .....	3-4 years
<b>World Language</b> .....	3-4 years consecutive study of the same world language
<b>Academic and Arts Electives</b> .....	2-3 years

### Community Colleges/Technical Programs

Admission requirements vary from open-door policy to specific course expectations for selective programs.

# Student Support Services

## Counseling Services

The focus of the Counseling Department is to help students with academic and career planning and to foster personal exploration, self-awareness, and social growth. Students are encouraged to set realistic yet challenging goals, to make responsible decisions, to understand the consequences of their actions, and to learn to self-advocate. All students are assigned to a counselor by the first letter of the student’s last name. Students remain with their respective counselor for their four years at the high school. In addition students have access to support services offered by the registrar and counseling secretaries.

MIHS counselors deliver services in the classroom through core counseling curriculum, individual planning, and responsive services to students, teachers, and families. Services offered by the counseling staff include:

Academic Advising	Personal/Social Counseling	Career and College Guidance
Academic planning and program design	Teacher/student/parent conferences	Registrar services related to community agencies, government requirements, and insurance
Post-secondary planning and Evening Lecture Series	Intervention services, collaboration with MIYFS counselors	Liaison to Tech Prep and other career programs
School counselor as a resource for students/parents	School Health Office/school nurse services	Information for online courses and Choice programs
Teacher/student/parent conferences	Resources for personal counseling for social/emotional growth	Naviance applications, inventories, High School and Beyond Plan
Registrar services for new students, continuing students, and MIHS graduates	Information about community agencies and services	Classroom presentations and pre-registration advising
Management of student records	Self-advocacy strategies	College Series evening events

## Additional Counseling Services

Additional counseling services are provided by licensed counselors employed by Mercer Island Youth and Family Services. They have offices at MIHS and provide additional counseling services to students daily at Mercer Island High School. These counselors are trained to work with students regarding substance abuse and intervention, mental health issues such as depression and anxiety, and social/emotional issues related to relationships and life transitions.

## Post-Secondary Planning

The Mercer Island High School Counseling Center is pleased to offer resources for post-secondary planning to enrolled MIHS students. A sample of the services includes:

- College Lecture Series through the school year
- Access to 200+ college and post-secondary school representative visits at MIHS
- Access to representatives from the military
- Access to scholarship information

## Special Programs

### BRIDGES (Student Advisory Program)

BRIDGES is Mercer Island High School's student advisory program. The BRIDGES groups represent cross-grade membership, and lessons may include discussions of health and social issues pertinent to the entire student body. BRIDGES also may offer regular in-school, supervised study time, access to tutoring, and access to classroom teachers outside of the regular class period or office hours. The BRIDGES program currently is under review; any changes will be announced at the beginning of the school year.

### Learning by Choice Legislation

Washington State's Learning by Choice legislation provides opportunities for students to earn high school credits in a variety of ways:

#### High School Courses in Middle School

A student who has completed high school mathematics (year) or world language (5 trimesters over two grades) courses in 7th and/or 8th grade at Islander Middle School shall be given the option of earning high school credit if the course is equivalent to a course offered at the high school and was taken at Islander Middle School or MIHS. This option may be requested during the student's junior year.

Transfer students may receive credit for core academic courses that are already posted to an accredited high school's transcript at the time of transfer to Mercer Island High School.

#### WANIC

Mercer Island High School is a consortium member of WANIC, a regional skill center in Northeast King County. WANIC provides advanced-level Career and Technical Education (CTE) programs based on rigorous academic and industry standards preparing students for career and college readiness. WANIC Skill Center programs are delivered through a system of branch campuses in participating districts. The skill center programs will provide dual credit opportunities (both high school and college credit) and/or lead to industry certifications.

#### Online Course Options

MIHS students have access to a variety of online courses that meet individual academic needs and expand learning opportunities. These courses are available through Fuel Education, APEX Learning, and Spokane Virtual Learning. Course information will be published on the Crest Learning Center website at [www.mercerislandschools.org/online](http://www.mercerislandschools.org/online). Students take online courses in response to scheduling issues, to access courses not available at MIHS, or to recover credit for previously unsuccessful course attempts. In order to qualify for an Online Course Option, a student must have a free period in the day. Students must meet with a teacher/monitor at least once a week. Students must apply for online courses through the Counseling Center. Applications can be found online at: [www.mercerislandschools.org/online](http://www.mercerislandschools.org/online).

### World Language Competency-Proficiency Examinations

Mercer Island School District (MISD) recognizes that some students understand, speak, read, and write in a language other than English. They may have learned through using the language at home, attending a language program, online learning, or by living abroad. Students may show proficiency in a language through testing, and they may be awarded world language credits based on test scores across a range of language skills. Each year the school district will determine which languages will be assessed.

MISD will manage the assessment process. This includes selecting languages to assess, ordering tests, setting test dates, approving test sites, and providing appropriate technology for testing. Students are responsible for any costs associated with the test. Fees will cover the costs of the tests and proctoring. MISD World Language Competency-Proficiency Examinations information is available at [www.mercerislandschools.org/WLPE](http://www.mercerislandschools.org/WLPE).

## Earn College Credit While in High School

Mercer Island High School participates in numerous programs through which students may earn college credit for courses taken at the high school and taught by MIHS teachers, or taken at a local college and taught by college faculty members.

To earn college credit in an eligible course, a student must meet certain requirements set by the college and pay a tuition fee for the course(s). Colleges to which the student applies for admission will require the official transcript showing all college-level course work completed and the grades and credits earned. The MIHS transcript will show the student's grade in the course and the high school credit earned for the course. The name of the course on the transcript may be aligned with the college course title. College credit course offerings are subject to change, depending on availability of trained teaching staff, minimum course enrollment requirements, and possible changes in requirements made by the college.

**Some, but not all, colleges and universities will accept the credit earned through these college-credit-granting options.**

College credit can be earned during high school through the student's participation in Advanced Placement courses (AP), Running Start, CTE Dual Credit, and courses that are part of college-credit-agreements with specific colleges. These courses are designated in the catalog by this symbol: 

### Advanced Placement

The Advanced Placement (AP) Program is administered by the College Board. It includes courses for motivated students who wish to pursue college-level studies in high school. Year-end AP examinations are offered for a fee. Qualifying grades on the AP examinations may yield college credit at some colleges and universities. Through AP courses, students are able to enhance their study skills through rigorous course work. Mercer Island High School offers AP courses in English, Math, Science, Social Studies, World Languages, Computer Science, and Studio Art. Full participation in an AP course includes taking the AP examination (or submitting an AP fine arts portfolio). AP courses are described in this catalog.

### Running Start

Juniors and seniors may elect to take classes through Running Start, a dual-enrollment program in which students have the option of dividing their academic program between Mercer Island High School and the college, or they may attend the college full-time. Running Start offers students the opportunity to seek additional academic challenges or to take courses not available at the high school. Students also may begin earning college credits while in high school, and may take college classes tuition-free.

Grades earned in Running Start classes factor into the MIHS grade point average. Washington State sets enrollment limits for the student tuition benefit from Running Start. The MIHS counselors will advise students on the number of courses allowed. Some private or out-of-state colleges will not accept some Running Start credits. Such institutions will determine which, if any, Running Start credits they will permit as college credits.

### College in the High School

College in the High School (CHS) is a program governed by a contract between a high school and a college or university. Juniors and seniors may be enrolled in high school and college at the same time and earn college credit in the course taken at the high school. The course and instruction is fully equivalent to the course and instruction that occurs on the college or university campus. Students must pay tuition for the course and meet any other requirements set by the credit-granting institution. Together the high school and college or university define any additional criteria for student eligibility.

### Pacific NW College Credit – CTE Dual Credit (formerly Tech Prep)

Pacific NW College Credit – CTE Dual Credit offers academic and experiential programs in the College and Career Readiness area. Many of the courses award both high school and college credit for courses taken during high school. These courses are offered at Mercer Island High School and are taught by MIHS teachers. Information on these programs is given in detail in the College and Career Readiness section of this catalog.

# English Courses

English courses at Mercer Island High School are designed to develop and refine speaking, reading, writing, and critical thinking skills over the course of four years. In 9th and 10th grade courses, students are introduced to different forms of public speaking; analytical writing: expository, narrative, and persuasive; and literature: short stories, novels, plays, essays and articles, and poetry. Later courses build upon this foundational understanding and continue to refine these skills and content knowledge. Correct MLA citation, grammar, and usage are emphasized in every English course.

Honors and Advanced Placement courses are enhanced courses taught at an accelerated pace and with greater depth of understanding required of students. They are designed for the highly motivated, independent student who is eager to complete the assigned readings, has strong writing skills, and is prepared to participate actively in class sessions. Honors/AP students are expected to write analytical essays, lead and participate in group research and presentation projects, participate in class discussions, and demonstrate an understanding of literary theory and methods of literary criticism. Full participation in an AP course includes an expectation the student will take the AP examination, for which the student will be prepared throughout the year.

Some English courses are integrated with a Social Studies course or a College and Career Readiness course; review the Social Studies and the College and Career Readiness sections of this *MIHS Course Catalog* for descriptions of those courses.

## English 9

Grade Level:.....9  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....English  
 Fees: .....None

**Course Description:** You will learn the principles of critical thinking as you read and analyze literature from different genres. Assessments will include the writing of in-depth paragraphs, multi-paragraph essays, and all aspects of the writing process will be demonstrated and taught. You will apply techniques of organization and argumentation to oral and written communications and learn basic principles of public speaking. As the year progresses, you will add refinement to your analytical essays and presentations by applying techniques of research, criticism, and advanced writing and speaking skills.

## English 9/Business Communications

### Integrated with Business Communications

Grade Level:.....9  
 Duration/Credit: .....2 semesters/1 credit for English 9  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....English  
 Fees: .....None

**Course Description:** The English component of the two-period English 9/Business Communications block is literature-based and follows the same curriculum and expectations described in English 9.

*See College and Career Readiness section for detailed description of Business Communications*

## English 9 Honors

Grade Level: .....9  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Strong preparation in 8th grade English  
 Graduation Content Requirement: .....English  
 Fees: .....None

**Course Description:** English 9 Honors extends the English 9 curriculum to include additional readings and a deeper study of the course’s greater content and themes. You will learn techniques of literary criticism and be introduced to major components of literary theory. It is expected that you already are proficient in essay writing and able to demonstrate strong critical thinking skills. You will enhance your understanding of principles of critical thinking and apply your knowledge in writing, analysis, and oral presentations. As the year progresses, you will apply higher order thinking, in-depth research, and additional writing techniques to refine the written assessments you produce.

## English 9 Honors/Business Communications

### Integrated with Business Communications

Grade Level:.....9  
 Duration/Credit: .....2 semesters/1 credit for English 9  
 Recommended Preparation: .....Strong preparation in 8th grade English  
 Graduation Content Requirement: .....English  
 Fees: .....None

**Course Description:** The English component of the two-period English 9 Honors/Business Communications block is literature-based and follows the same curriculum and expectations described in English 9 Honors.

*See College and Career Readiness section for detailed description of Business Communications.*

## English 10

Grade Level:.....10  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....English  
 Fees: .....None

**Course Description:** In this introduction to world literature course, you will explore key works from major historical and literary movements and a diverse mix of genres and sources from across the globe. The course is designed to enable you to read, write, and think competently and originally about literary, moral, philosophical, and emotional issues encountered in world literature. Using both a thematic and chronological approach, some texts and units will align with students’ history classes. Over the course of the year, you will work on refining the writing process, strengthening your understanding of literary devices, maturing as a critical thinker; and developing your synthesis and reading skills.

## English 10 Honors

Grade Level:..... 10  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... English 9 Honors  
 Graduation Content Requirement: ..... English  
 Fees: ..... None

**Course Description:** English 10 Honors extends the English 10 curriculum to include additional readings and a deeper study of the course’s greater content and themes. It is designed to prepare students for future honors and AP classes and for the demands of advanced, upper-level English and writing courses. The honors curriculum presumes proficiency in essay writing, your eagerness to take on an increased workload, your ability to demonstrate strong critical thinking and reading skills, and your desire to explore complex texts and themes. Course expectations are stringent and students are expected to fulfill these expectations creatively, independently, and responsibly. Over the course of the year, you will enhance your critical thinking and synthesis skills and apply them to the regular written and formal assessments.

## World Studies/ World Literature

### Integrated with World Studies/Modern World History

Grade Level:..... 10  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... None  
 Graduation Content Requirement: ..... English  
 Fees: ..... None

**Course Description:** In the English section of this integrated course, you will explore key works from major historical and literary movements and a diverse mix of genres and sources from across the globe. The curriculum requires you to identify, analyze, and question broad themes underlying human civilization. Current events projects may also be assigned. The course will be integrated with World Studies/Modern World History over two class periods, so you will be able to investigate larger questions from both literary and historical frames of reference. Over the course of the year, you will work on refining the writing process, strengthening your understanding of literary devices, maturing as a critical thinker, and developing your synthesis and reading skills. *See Social Studies section for description of World Studies/Modern World History.*

## World Studies/ World Literature Honors

### Integrated with World Studies/Modern World History Honors

Grade Level:..... 10  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... English 9 Honors, Early Civilizations  
 Graduation Content Requirement: ..... English  
 Fees: ..... None

**Course Description:** World Studies/Literature Honors extends the World Studies/Literature curriculum to include additional readings and a deeper study of the course’s greater content and themes. It is designed to prepare students for future honors and AP classes and for the demands of advanced, upper-level English and writing courses. The honors curriculum presumes proficiency in essay writing, your eagerness to take on an increased workload, your ability to demonstrate strong critical thinking and reading skills, and your desire to explore complex texts and themes. Course expectations are stringent and students will be expected to fulfill these expectations creatively, independently, and responsibly. Over the course of the year, you will enhance your critical thinking and synthesis skills and apply them to the regular written and formal assessments you complete. The course will be integrated with Honors World Studies/Modern World History over two class periods, so you will be able to investigate larger questions from both literary and historical frames of reference. Over the course of the year, you will work on refining the writing process, strengthening your understanding of literary devices, maturing as a critical thinker, and developing your synthesis and reading skills. *See Social Studies section for description of Honors World Studies/Modern World History.*

## American Studies/American Literature

### Integrated with US History

Grade Level:..... 11  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... None  
 Graduation Content Requirement: ..... English  
 Fees: ..... None

**Course Description:** This course will introduce you to themes and ideas in United States history and American literature. The focus of this integrated course will be on literary, political, economic, social, and historical events which have shaped the American character from the Colonial Era to present times. The course incorporates themes and ideas from literature to enable you to understand developments in the American experience. You will read from several genres and use your reading as the basis for writing expository, persuasive, and narrative essays. In addition, you may write short works of fiction, and poetry. You will be assessed on participation in individual and group projects, written essays, and tests. *See Social Studies section for description of American Studies/US History.*

## American Studies/AP English Language and Composition

### Integrated with AP US History

Grade Level:..... 11  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... English 10 Honors or World Studies Honors  
 Graduation Content Requirement: ..... English  
 Fees: ..... Fee for AP examination, approximately \$97

**Course Description:** In this college-level course, you will develop skills of critical inquiry, argument, reading, and writing to meet the literacy standards for college study. The English Language and Composition course follows all mandatory and recommended Advanced Placement (AP) requirements. You will study American writing in several genres and will cultivate advanced reading and writing skills. You will learn how written language functions rhetorically to communicate writers' intentions and elicit readers' responses in particular situations. You will strengthen your use of formal conventions of written language and gain an understanding of American English from historical, cultural, and social perspectives. The course covers a large volume of material, which you will read and analyze. You will be assigned daily reading in the English section of this course; additional reading will be assigned in AP US History. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year. *See Social Studies section for description of American Studies/AP US History.*

## AP English Language and Composition

Grade Level:..... 11  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... English 10 Honors  
 Graduation Content Requirement: ..... English  
 Fees: ..... Fee for AP examination, approximately \$97

**Course Description:** In this college-level course, you will develop skills of critical inquiry, argument, reading, and writing to meet the literacy standards for college study. The English Language and Composition course follows all mandatory and recommended Advanced Placement (AP) requirements. You will study American writing in several genres and will cultivate advanced reading and writing skills. You will learn how written language functions rhetorically to communicate writers' intentions and elicit readers' responses in particular situations. You will strengthen your use of formal conventions of written language and gain an understanding of American English from historical, cultural, and social perspectives. The course covers a large volume of material, which you will read and analyze daily. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## English 12

Grade Level:..... 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... None  
 Graduation Content Requirement: ..... English  
 Fees: ..... None

**Course Description:** This course is designed to enable you to read, write, and think competently and originally about literary, moral, philosophical, and emotional issues encountered in a diverse spectrum of global, contemporary literature. Over the course of the year, you will work on refining the writing process, strengthening your understanding of the study of literature, maturing as a critical thinker; and developing your synthesis and reading skills as you explore a wide variety of literary genres and forms. You will be assessed on writing assignments, tests and quizzes, and projects all designed to help prepare you for the academic demands of post-secondary courses.

## English 12/Film as Literature

Grade Level:..... 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... None  
 Graduation Content Requirement: ..... English  
 Fees: ..... None

**Course Description:** In this year-long exploration of film and literature, you will examine elements of film production, practice techniques of “reading” films, and attempt your own creative work. You will practice visual literacy and learn about the way in which images create and alter meaning. Readings will include literature and texts relevant to film studies, and you will be assessed through written assignments, tests and quizzes, and projects. You will be expected to read relevant texts, watch films each week, write analytically, create podcasts, participate in Socratic Seminars, and write your own screenplays.

## English 12 Honors

### Integrated with AP Comparative Government and Politics

Grade Level:..... 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... American Studies/AP  
 Graduation Content Requirement: ..... English  
 Fees: ..... None

**Course Description:** In the English portion of this integrated course, you will study the literature, culture, philosophy, and history of the core countries studied in the AP Comparative Government curriculum: Great Britain, China, Russia, Mexico, Nigeria. Literature from additional, applicable countries and regions will also be studied. You will read literary criticism and news articles to supplement and complement the study of the cultures and governments of these countries. This honors course is designed to enable students to read, write, and think competently and originally about literary, moral, philosophical, and emotional issues encountered in a wide variety of literary genres and forms. In addition, you will study relationships between state and society; sources of authority and power; political institutions and frameworks; and the causes, scope, and consequences of political change and how they are presented in literature. You will be expected to complete written assignments with competence and sophistication in style, depth of analysis, and quality of research and synthesis. You will be assessed through examinations, group projects, presentations, and a wide variety of written assignments and individual research projects. *See Social Studies section for description of AP Comparative Government and Politics.*

## AP Literature and Composition

Grade Level:..... 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....American Studies/AP  
 Graduation Content Requirement: .....English  
 Fees: .....Fee for AP examination, approximately \$97

**Course Description:** AP English is a year-long course about style analysis, close reading, and literary periods, terms, and concepts and follows all mandatory and recommended Advanced Placement (AP) requirements. The assigned reading will consist of a variety of novels and plays likely to appear on the AP exam and many short pieces, both prose and poetry, that will be used to practice skills. Texts will represent a broad range of literary styles and periods. In addition to class reading, students will participate in book groups which will require commitments to work with others to deepen the ability to analyze literature – sometimes difficult literature. Students will improve writing by learning style analysis, by revisiting thematic analysis, and by practicing writing regularly. Students will also have the opportunity to complete several practice AP exams. Grading will be weighted toward the qualitative rather than the quantitative. The course emphasis on close reading and writing precise literary analysis is designed to prepare seniors for their college experience and for the AP exam in the spring. Full participation in an AP course includes an expectation you will take the AP examination. You will be prepared for this throughout the year.

## English Language Learners: Communications

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Graduation Content Requirement: .....Elective  
 Recommended Preparation: ..... Washington State bilingual test qualification as English language learner  
 Fees: .....None

**Course Description:** In this course, you will learn and practice English vocabulary and grammar to improve your skills in listening, speaking, reading, and writing. You will be learning English language and increasing your understanding of American culture by reading and discussing newspapers, magazines, specific ELL materials, stories, and poems. Your teacher will help you with language skills so that you can gain the most from your other classes at the high school. This course will help you succeed in your MIHS English class. You will be expected to participate in each day's class and you will have many writing assignments.

# Mathematics Courses

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Mathematics is the language and science of patterns. To be well informed as adults and to have access to desirable jobs, students today will need an education in mathematics that goes far beyond what was needed by students in the past. Mathematics helps students develop their ability to analyze and solve complex problems in the real world. The objectives in every course offered by the Mathematics Department include enabling the student to:

- value mathematics
- become confident in his/her ability to do mathematics
- become a mathematical problem solver
- communicate mathematically
- reason mathematically
- use technology appropriately

A full array of mathematics courses and levels of instruction is offered by the Mathematics Department, including a 3-year Algebra 1/Geometry series for students who struggle in mathematics and/or have not met standard on the state exam; core courses in Algebra 1, Geometry, Algebra 2, Precalculus, and Calculus; honors courses in Geometry, Algebra 2, and Precalculus; and Advanced Placement courses in Calculus and Statistics. Full participation in an AP course includes an expectation that the student will take the AP examination, for which the student will be prepared throughout the year.

The Mathematics Department strongly recommends a minimum grade of C- for students to advance to the next course. Our experience has shown that students who continue in their mathematical studies without the minimum recommended preparation continue to struggle and fall farther behind in their understanding. Students should expect a minimum of 30 minutes of homework per night for all mathematics courses. Honors and Advanced Placement mathematics courses typically require a minimum of one hour of homework per night.

**Technology Note:** If you will be purchasing a calculator for math courses at MIHS, the Math Department prefers the TI Nspire CAS (especially for students who plan to go through Calculus in high school). A non-CAS is sufficient for math courses and is permitted for use on the SAT and ACT. CAS is not permitted on the ACT, but the MIHS Math Department can loan a non-CAS TI Nspire to any student wishing to use it for the ACT.

## Algebra E1/E2 (formerly Algebra P/Algebra A1)

Grade Level: .....9  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: ..... Teacher recommendation  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....Students will need a scientific calculator (TI-Nspire handheld calculator optional), ruler, and graph paper

**Course Description:** In this course, you will gain the foundation needed to begin the basic high school math sequence. At the end of this course, you will have developed the conceptual understanding and skills necessary for further study in mathematics. In this course, technology will be used as a learning tool, and alternative approaches will be employed to enhance your conceptual understanding of algebra. Daily homework will be assigned. In the follow-on course, Algebra E3/E4, you will complete your study of Algebra 1.

## Algebra 1

Grade Level: .....9, 10  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Credit earned for Pre-Algebra  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....Students will need a scientific calculator (TI-Nspire handheld calculator optional), ruler, and graph paper

**Course Description:** Algebra 1 focuses on the structure of the real number system. In this course, you will examine symbolic representations in solving real-world problems. You will master linear functions, systems of equations, and problem solving and be introduced to and investigate properties of quadratic functions. You will be expected to master the standards for Algebra 1 from an algebraic, graphical, verbal, and numerical approach. Technology will be used as a learning tool, and alternative approaches will be explored to enhance your conceptual understanding of algebra. Daily homework will be assigned.

## Algebra E3/E4 (formerly Algebra B1/Geometry P)

Grade Level: .....10  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Algebra E1/E2 or teacher recommendation  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....Students will need a scientific calculator (TI-Nspire handheld calculator optional), ruler, and graph paper

**Course Description:** This course is a continuation of Algebra E1/E2 and allows students more time to master algebra. You will investigate linear and quadratic functions, systems of equations, and problem solving techniques. You will be expected to master the state standards for Algebra 1 from an algebraic, graphical, verbal, and numerical approach. Review is built into every unit of study. Technology will be used as a learning tool, and alternative approaches will be explored to enhance your conceptual understanding of algebra. Daily homework will be assigned.

## Geometry

Grade Level: .....9, 10, 11  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Algebra 1 (1 full year)  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....Students will need a scientific calculator (TI-Nspire handheld calculator optional), ruler, and graph paper

**Course Description:** In this course, you will develop a logical system of thought through plane geometry and proofs. You will experience an integration of space and coordinate geometry through the development of formal proofs and algebraic applications. You will use algebra for finding areas, volumes, lengths, angle measures, and graphing. You will be introduced to right triangle trigonometry. You will be expected to master the state standards for geometry from an algebraic, graphical, verbal, and numerical approaches. Daily homework will be assigned.

## Honors Geometry

Grade Level: .....9, 10  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Algebra 1 (1 full year)  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....Students will need a scientific calculator  
 (TI-Nspire handheld calculator optional), ruler, and graph paper

**Course Description:** In addition to meeting the regular Geometry course expectations, you will study transformational, solid, space, and coordinate geometry at a deeper level. You will be introduced to trigonometry, beyond the state standards. The depth, scope, and pace in this course far exceed that of the regular Geometry course. Students who expect to take further honors courses in mathematics should begin in this course.

## Algebra 2

Grade Level: .....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Geometry (1 full year)  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....Students will need a TI-Nspire handheld calculator, ruler, graph paper

**Course Description:** In this course, you will cover advanced functions, sequences and series, polynomial functions, exponential and logarithmic functions, matrices, and trigonometry. The real number system is extended to include complex numbers. You will be expected to master the state standards for Algebra 2 from an algebraic, graphical, verbal, and numerical approach. Throughout the year, you will be given instruction that will allow you to integrate your skills and applications with appropriate calculator use. Daily homework will be assigned. **Note: Incoming ninth grade students who have completed Geometry have the option of Honors Algebra 2 or Honors Geometry.**

## Honors Algebra 2

Grade Level: .....9, 10, 11  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Geometry (1 full year)  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....Students will need a TI-Nspire handheld calculator, ruler, graph paper

**Course Description:** In addition to meeting the regular Algebra 2 expectations, you will apply your understanding in unfamiliar situations. You will develop a deeper understanding of concepts and focus more on applications. The depth, scope, and pace in this course far exceed that of the regular Algebra 2 course. You will experience additional rigor and challenge, which will prepare you for Honors Precalculus and further advanced mathematical studies.

## Algebra 3/Trigonometry

Grade Level: ..... 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Algebra 2 (1 full year)  
 Graduation Content Requirement: ..... Mathematics  
 Fees: ..... Students will need a TI-Nspire handheld calculator, ruler, graph paper

**Course Description:** This course is for seniors who wish to revisit advanced functions, polynomial functions, exponential and logarithmic functions, and trigonometry. The emphasis of the course will be on applications and appropriate calculator use throughout. You will be introduced to Discrete Mathematics as your skills progress. If you need an additional year of mathematics after Algebra 2 to be successful in Precalculus and/or college level mathematics, this is the course in which you should enroll. Daily homework will be assigned.

## Precalculus

Grade Level: ..... 11, 12 (or permission of Department Head)  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Algebra 2 (1 full year)  
 Graduation Content Requirement: ..... Mathematics  
 Fees: ..... Students will need a TI-Nspire handheld calculator, ruler, graph paper

**Course Description:** In this course, you will revisit advanced functions from Algebra 2, studying them at a deeper level, with the expectation you will be able to apply your understanding in a variety of situations. The course guides you to focus on understanding concepts and problem-solving. You will be exposed to advanced functions not previously studied, with an integration of Discrete and Advanced Relations, such as polar and parametric equations. Trigonometry beyond right triangles will be mastered. You will demonstrate your understanding of all concepts from algebraic, graphical, verbal, and numerical approaches. If you are planning to study calculus in college or at the high school level, a year of Precalculus is recommended preparation. Daily homework will be assigned.

## Honors Precalculus

Grade Level: ..... 11, 12 (or permission of Department Head)  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Honors Algebra 2 (1 full year)  
 Graduation Content Requirement: ..... Mathematics  
 Fees: ..... Students will need a TI-Nspire handheld calculator, ruler, graph paper, fee for online homework program \$30 (optional)

**Course Description:** In addition to meeting the regular Precalculus expectations, you will apply your understanding in unfamiliar situations. The depth, scope, and pace of this course far exceed that of the regular Precalculus course. You will experience more rigor and challenge, which will prepare you to continue your mathematics study. If you have strong ability and interest in mathematics and you plan to study calculus in college or AP Calculus in high school, this is strongly recommended preparation. Daily homework will be assigned.

## Introduction to Calculus

Grade Level:..... 12 (or permission of Department Head)  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Precalculus (1 full year)  
 Graduation Content Requirement: ..... Mathematics  
 Fees: ..... Students will need a TI-Nspire handheld calculator, ruler, graph paper, fee or online homework program \$30 (optional)

**Course Description:** This course is designed for the senior who wants a college-equivalent experience in math course content. Application of prior concepts will be reviewed to ensure student preparation for college calculus. Calculus topics will be explored using non-transcendental functions. Rigor and conceptual development are emphasized with the expectation that you are prepared to study advanced mathematics. As is the case in a college mathematics course, you will be expected to apply your knowledge in unfamiliar situations. Daily homework will be assigned. This course does not include preparation for an AP Calculus examination.

## AP Calculus-AB

Grade Level:..... 11, 12 (or permission of Department Head)  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Precalculus (1 full year)  
 Graduation Content Requirement: ..... Mathematics  
 Fees: ..... Students will need a TI-Nspire CAS handheld calculator, ruler, and graph paper; fee for AP examination, approximately \$97; fee for AP test prep materials \$33 (optional); fee for online homework program \$30 (optional)

**Course Description:** This course follows the College Board curriculum for AP Calculus-AB. The emphasis in the course is on conceptual development, with rigor interwoven through the course. You will be expected to apply your knowledge in unfamiliar situations. Deep understanding of concepts will be required. The depth, scope, and pace for this course far exceed that in the Introduction to Calculus course. You will be expected to demonstrate your understanding of all concepts from algebraic, graphical, verbal, and numerical approaches. College credit may be awarded for qualifying scores on the AP Calculus AB exam. Daily homework will be assigned. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## Advanced Calculus

Grade Level:..... 12 (or by permission of Department Head)  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... AP Calculus AB (1 full year)  
 Graduation Content Requirement: ..... Mathematics  
 Fees: ..... Students will need a TI-Nspire CAS handheld calculator, ruler, and graph paper; fee for AP examination, approximately \$97; fee for AP test prep materials \$33 (optional); fee for online homework program \$30 (optional)

**Course Description:** This course follows the College Board curriculum for AP Calculus-BC, as well as topics not covered in the College Board curriculum, such as work, center of mass, integration techniques, probability density functions, and more. The emphasis in the course is on conceptual development, with rigor interwoven through the course. Prior to moving into new content, you will review topics covered in AP Calculus-AB. You will apply your knowledge in unfamiliar situations. Deep understanding of concepts is required. You will be expected to demonstrate your understanding of all concepts from algebraic, graphical, verbal, and numerical approaches. College credit may be awarded for qualifying scores on the AP Calculus BC exam. Daily homework will be assigned.

# AP Statistics

Grade Level:..... 11, 12 (or by permission of Department Head)

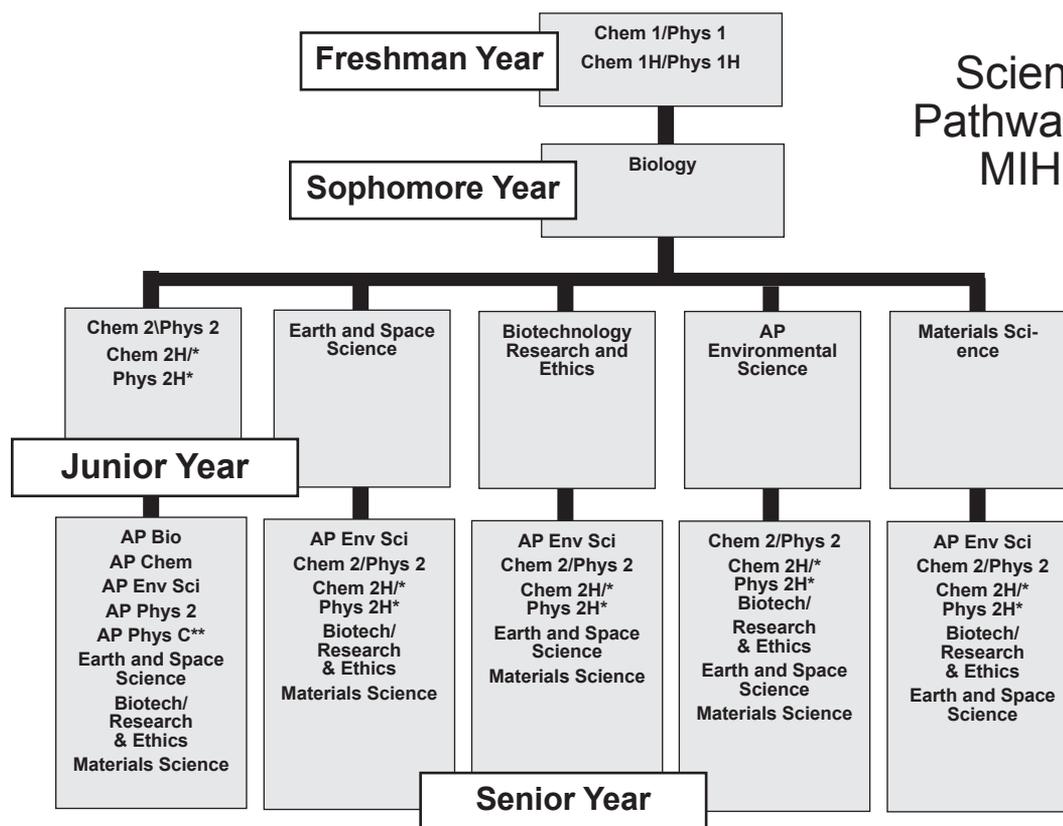
Duration/Credit: ..... 2 semesters/1 credit

Recommended Preparation: ..... Algebra 2 (1 full year)

Graduation Content Requirement: ..... Mathematics, CCR

Fees: ..... TI-Nspire calculator; fee for AP examination, approximately \$97

**Course Description:** Statistics, the art of drawing conclusions from imperfect data and the science of real-world uncertainties, plays an important role in many fields, including science, sociology, medicine, engineering, political science, geography, and business. This course follows the College Board curriculum for AP Statistics. You will develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. You will design, administer, and tabulate results from surveys and experiments. Probability and simulations aid you in constructing models for chance phenomena. Sampling distributions provide the logical structure for inference procedures. Technology is an integral part of the course and will be used in a variety of projects, including a culminating community service project. A key component of assessments is written communication demonstrating deep understanding of concepts and vocabulary. Daily homework will be assigned. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.



\*\* Calculus is a co/pre-requisite

\* Chem 2H/Phys 2H is the recommended path for AP Courses

**Note:** Horticulture may be taken in any year, regardless of science pathway

## Science Courses

The mission of the Science Department at Mercer Island High School is to ensure that every student is engaged in a meaningful, appropriately challenging science curriculum that will allow him/her to develop strong science literacy. The combination of Chemistry 1/Physics 1 and Biology taken in the freshman and sophomore years will expose students to the content areas that form the basis of science literacy and that are reflected in the state science standards and state assessment requirement. The science curriculum offers the option for four years of science study in a variety of core and advanced courses, including laboratory, field, and research experiences. Full participation in an AP course includes an expectation that the student will take the AP examination, for which the student will be prepared throughout the year.

## Horticulture

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended preparation: .....None  
 Graduation Content Requirement: .....Lab Science, CCR  
 Fees: .....\$35; breakage fee, per incident  
 Location: .....Crest Learning Center

**Course Description:** This science course includes lessons in biology, botany, entomology, chemistry, mathematics, genetics, physiology, statistics, garden design, plant propagation, plant selection, and plant sales. You will study topics including parts of the plant and their associated functions, environmental requirements for good plant growth, the process of plant propagation using modern state-of-the-art Horticulture technology, the art of container and landscape design, and local plant and tree identification. This course includes maintaining Horticulture’s three greenhouses and conducting a community-based plant sale.

\*Horticulture has no recommended preparation and satisfies no MIHS science sequence preparation for the various MIHS science courses. Please note: freshmen who take this course will be strongly discouraged from taking Biology sophomore year, as they need to take Chemistry 1/Physics 1 in order to be prepared for Biology.

## Chemistry 1/Physics 1

Grade Level: .....9  
 Duration/Credit: .....2-semester course pairing/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Lab Science  
 Fees: .....Breakage fee, per incident

**Course Description:** In this course you will learn basic principles of chemistry and physics and how they are relevant to other courses and to daily life. Chemistry topics include laboratory practices, properties of matter, atomic theory and structure, bonding and chemical reactions, solutions and acids and bases. Physics topics include data analysis, motion, forces, energy, and waves. Throughout the course you will be expected to demonstrate comprehension and application of scientific laws, theories, and concepts. In this lab science course you will develop observational, investigative, and problem-solving skills by completing labs and analyzing data. Attendance is crucial for you to learn scientific concepts and participate in lab investigations and class discussions. The laboratory techniques and technical writing skills you will learn are foundational; this class is recommended preparation for all other MIHS science courses. Assignments may include weekly readings and questions, practice problems, pre-lab assignments, and detailed lab reports.

## Chemistry 1/Physics 1 Honors

Grade Level:.....9  
 Duration/Credit: .....2-semester course pairing/1 credit  
 Recommended Preparation: .....Algebra 1  
 Graduation Content Requirement: .....Lab Science  
 Fees: .....Breakage fee, per incident

**Course Description:** In this course you will learn basic principles of chemistry and physics and how they are relevant to other courses and to daily life. Chemistry topics include laboratory practices, properties of matter, atomic theory and structure, bonding and chemical reactions, solutions and acids and bases. Physics topics include data analysis, motion, forces, energy, and waves. You will be expected to have prior mastery of algebra, graphing, and slope. As an honors student, you will be expected to demonstrate a high level of personal responsibility for completing assignments and lab reports and preparing for tests. The observational, investigative, and problem-solving skills, along with laboratory techniques and technical writing skills of the course will lay a foundation for future MIHS science courses. Assignments may include readings and questions, practice problems, pre-lab assignments, and lab reports. Attendance is crucial for you to learn scientific concepts and participate in lab investigations and class discussions.

## Biology

Grade Level: ..... 10  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Chemistry 1/Physics 1 or Chemistry 1H/Physics 1H  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident

**Course Description:** In this course, you will study such topics as evolution, ecology, biochemistry, cell biology, and genetics. You will apply the methods of scientific investigation to understanding major themes of the biological sciences. You will explore the cell as the basic unit of living organisms. You will relate life functions to the structures of the living organisms, and explore how organisms maintain homeostasis (balance). Another key theme in Biology is the flow of energy through cellular processes such as photosynthesis and cellular respiration. Assessments will include lab reports, term projects, quizzes, homework, classroom participation, and exams.

## Chemistry 2/Physics 2

Grade Level: ..... 10, 11, 12  
 Duration/Credit: ..... 2-semester course pairing/1 credit  
 Recommended Preparation: ..... Chemistry 1/Physics 1, Biology, Algebra 1  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident

**Course Description:** This course completes the year of chemistry and physics started in Chemistry 1/Physics 1. By immersing yourself in environmental, societal, and technological issues through the lens of chemistry and physics, you will explore chemical/physical processes and principles as they relate to everyday life. You will learn traditional chemistry topics, such as atomic theory, chemical reactions, gas behavior, and thermodynamics. You will learn physics topics, such as forces applied to systems, energy and momentum conservation, static electricity, and direct-current circuits. The study of these topics will promote meaning and understanding and allow you to make connections in your life outside of school. Emphasis in class will be on group discussions, designing models, and engaging in laboratory activities; therefore, regular attendance is critical. You can expect to spend 1-2 hours a week outside of class on homework, which will include solving practice problems and writing up lab reports.

## Chemistry 2 Honors/Physics 2 Honors

Grade Level: ..... 10, 11, 12  
 Duration/Credit: ..... 2-semester course pairing/1 credit  
 Recommended Preparation: ..... Chemistry 1/Physics 1, Geometry, Biology (or concurrent)  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident

**Course Description:** This course is designed to complete the year of chemistry and physics started in Chemistry 1H/Physics 1H. It will prepare you for advanced science courses, such as AP Chemistry, AP Physics, AP Environmental Science, and AP Biology. This course is taught at an accelerated pace and is designed for those who want an honors environment. You will learn to work from your initial ideas to a more powerful understanding of scientific concepts and an ability to explain these concepts. Observation and problem-solving are emphasized. The classroom learning environment includes small group problem-solving, laboratory investigations, and whole-class discussion. Chemistry topics include stoichiometry, energy in chemical systems, gas laws and phase changes, intermolecular forces, equilibrium, and acid-base reactions. Physics content will build on previous physics course work and will include forces applied to systems, energy and momentum conservation, static electricity, and direct-current circuits.

## Biotechnology/Research and Ethics

### Biology and Society (BIOL 107) at Shoreline Community College

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Chemistry 1/Physics 1, Biology  
 Graduation Content Requirement: ..... Lab Science, CCR  
 Fees: ..... Breakage fee, per incident, approximately \$10 for lab book  
 Special Credit Available..... CTE Dual credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** In this course, scientific research, biotechnical skills, and laboratory explorations are combined with the discussion of ethics. You will apply the scientific method in laboratory explorations, and you will use critical analysis to describe how science affects our society. In laboratory activities, you will design and implement your own experiments, learn and apply biotechnical skills, and critically analyze your data. Some of these biotechnical skills include: extracting DNA, gel electrophoresis, ELISA testing, column chromatography, and PCR. To discuss issues of scientific ethics, you will research relevant information, identify stakeholder perspectives, and explore various viewpoints and arguments for solutions to medical and technical problems. You will attend field trips and/or shadowing experiences. In addition, you will be teamed with a mentor and expected to complete a major project on a biological topic of your choosing.

## Materials Science

### Intro to Materials Science (ETEC 175) at Edmonds Community College

Grade Level:..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Chemistry 1/Physics 1, Biology  
 Graduation Content Requirement: ..... Lab Science, CCR  
 Fees: ..... Breakage fee, per incident  
 Special Credit Available..... CTE Dual credit available, based on course grade; fee may apply, approximately \$49.

**Course Description:** This hands-on lab science class is dedicated to the study of metals, ceramics, polymers, and composites. You will complete experiments to observe the effects of different stresses, strains, and temperature extremes and changes on each of these materials. You also will be given the opportunity to apply your knowledge to design and develop projects.

## Earth and Space Sciences

### Introduction to Geology (GEOL 100) at Eastern Washington University

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Chemistry 1/Physics 1 and Biology  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident  
 Special Credit Available:..... Geology 100 through Eastern Washington University may apply. Tuition for Eastern Washington University is approximately \$325.

**Course Description:** This is a college-level course in earth science. Topics include evolution of the Earth, geologic time, plate tectonics, mineral and rock formation, mountain building, weathering, and glaciology. You will learn how the Earth formed, how it has changed over the past 4.6 billion years, and how scientists study it. You will analyze and understand geologic hazards, such as earthquakes, landslides, and volcanoes. The second semester will include topics in astronomy.

## AP Biology

### General Biology (BIOL 160 and BIOL 162) at Bellevue College

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Biology, full year of chemistry (Chemistry 2H recommended)  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident; fee for AP exam, approximately \$97  
 Special Credit Available: ..... Biology 160 and 162 through Bellevue College may apply. Tuition for Bellevue College is approximately \$240 per course.

**Course Description:** This is a rigorous and challenging course for students interested in advanced topics in the biological sciences. You will be asked to think critically, discuss your ideas, and express your thoughts in writing. You will conduct sophisticated experiments using advanced scientific tools and methods. Units of study include evolution, genetics, biotechnology, molecular biology, biochemistry, scientific investigation, and the representation of information in biological systems. You will develop your laboratory skills at a college level and follow a college-level text. You can expect at least 5 hours of homework per week, including reading assignments, lab reports, and projects. You will be evaluated on your assignments, examinations, lab reports, and projects. Additional study is required to prepare for the AP Biology examination. **You will need to complete a summer homework assignment.** Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year. If you elect the Bellevue College option, only the BC course title will appear on your transcript for 2nd semester.

## AP Chemistry

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Biology, full year of chemistry (Chemistry 2H recommended), Algebra 2 (or concurrent)  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident; fee for AP examination, approximately \$97

**Course Description:** This course is for motivated students who desire the challenge of a college-level chemistry course. AP Chemistry will prepare you for the AP exam administered in May, which includes such topics as chemical reactions, thermodynamics, acids and bases, reaction kinetics, and electrochemistry. College credit may be awarded for qualifying scores on the exam. You will be expected to think critically, communicate your ideas clearly, and apply concepts in new situations. Attendance and daily work ethic are critical, as this year-long college course progresses at a rapid pace. Evaluations prior to the AP exam will be based on tests, lab reports, and class/homework; they will be based on projects after the AP exam. To be successful in this course, you should plan to spend 2-4 hours per week outside of class. Due to the amount of content required by the College Board, a summer assignment which must be completed by the first day of class will be given. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## AP Environmental Science

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Biology, Chemistry (1 semester)  
 Graduation Content Requirement: ..... Lab Science, CCR  
 Fees: ..... Breakage fee, per incident; fee for AP examination, approximately \$97

**Course Description:** The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. This rigorous course stresses scientific principles and analysis and includes field studies, case study analyses, research, and laboratory experiences. You will study the environment using a broad range of science concepts from biology, earth science, and chemistry. Though you will study some environmental issues from a sociological or political perspective, the emphasis is a scientific one. Topics include interdependence of the earth's systems; biodiversity; population dynamics; toxicology; climate, biomes, and climate change; renewable and non-renewable energy resources, air pollution and ozone depletion; and mineral, soil, and water resources. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## AP Physics 2

### General Physics II (PHYS 115) at Bellevue College

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Full year of Physics, Algebra 2  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident; fee for AP examination, approximately \$97  
 Special Credit Available: ..... Physics 115 through Bellevue College may apply.  
 (pending approval) Tuition for Bellevue College is approximately \$240.

**Course Description:** This class is designed for those who want the challenge of a college level physics course, and it may be an option for students who would not meet the math requirement for AP Physics C: Mechanics. The AP Physics 2 curriculum includes fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. This list of topics does not overlap with AP Physics C, so the two courses can complement each other in a full high school program. Prior completion of Algebra 2 is strongly recommended as you will apply mathematical reasoning and math skills, including those learned in algebra and trigonometry. Typical assignments include problem sets and lab reports with detailed calculations. College credit may be awarded for qualifying scores on the AP Physics 2 examination. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year. If you elect the Bellevue College option, only the BC Course title will appear on your transcript for 2nd semester.

## AP Physics C Mechanics

### General Physics I (PHYS 114) at Bellevue College

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Full year of Physics, Calculus (or concurrent enrollment)  
 Graduation Content Requirement: ..... Lab Science  
 Fees: ..... Breakage fee, per incident; fee for AP examination, approximately \$97  
 Special Credit Available (optional): ..... Physics 114 through Bellevue College may apply. Tuition for Bellevue College is approximately \$240 per course.

**Course Description:** This is a college level physics course designed for students interested in science and engineering. Prior completion of two semesters of high school physics is required, as well as familiarity with calculus. Concurrent enrollment in calculus is adequate. You will cover topics including: kinematics, dynamics, energy, momentum, rotation, oscillation and gravity. College credit may be awarded for qualifying scores on the AP Physics C Mechanics examination. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year. If you elect the Bellevue College option, only the BC course title will appear on your transcript for 2nd semester.

# Social Studies Courses

The Social Studies Department at Mercer Island High School offers a variety of courses that inform students and empower them to be active citizens. The social studies curriculum prepares students to be life-long learners, readers and writers, thinkers and doers. Students will study in the fields of history, geography, philosophy, government, anthropology, and economics. Students will build skills in analysis, critical reading, use of primary and secondary sources, rhetoric and argumentation, historical thinking, research, persuasive writing, and academic discourse.

Honors and Advanced Placement options are available. They are designed for the highly motivated, independent learner who has a strong affinity for the material presented in the Social Studies curriculum. These students are eager to complete the readings, pursue outside research on their own, and have strong writing skills. They are adept at using synthesis and analysis, in writing and discussion, and they can grasp complex concepts related to history, politics, and economics. Most courses use both a traditional text and supplemental readings, including historical primary source documents, academic articles, and literary selections from and about the time period. Daily preparation for these courses can be double that of regular courses, and assessments typically cover larger amounts of material. Standards for well-written, polished essays and expectations of daily contributions to classroom discussion are higher than in non-honors sections. Full participation in an AP course includes an expectation the student will take the AP examination, for which the student will be prepared throughout the year.

**Social Studies Department Statement of Student Responsibility:** The Social Studies are reading and writing disciplines, and students are expected to do extensive reading and writing in all courses. Students must work outside of school to prepare for daily discussion, quizzes and tests, oral presentations, individual and group projects, role-playing exercises and simulations, short writing pieces, formal essays, and public speaking.

## Washington State History/Government

Note: For most students, the state’s requirement for Washington State History will be fulfilled through course work completed in middle school. For students who have not taken a Washington State History course in middle school, online options will be available during the school year to fulfill the state requirement. See your counselor to apply to take an online course.

## Early Civilizations

Grade Level:.....9  
Duration/Credit: .....1 semesters/.5 credit  
Recommended Preparation: .....None  
Graduation Content Requirement: .....Social Studies Elective  
Fees: .....None

**Course Description:** In this course, you will study history from early civilizations through the Middle Ages in Europe. You will examine the emergence of human civilization in the river valleys of the Fertile Crescent and Asia; the development of classical traditions in, for example, Hellenic Greece and Han China; the rise and fall of great empires and centers of civilization; the origin and spread of major world religions; and change and continuity in medieval Europe. You will explore global history, geography, and culture through a selection of case studies from Asia, Africa, and Europe. Success in Early Civilizations prepares a student to select Modern World History Honors or Honors World Studies in grade ten. It is recommended preparation for all students.





## American Studies/AP US History

### Integrated with AP English Language and Composition

Grade Level: .....11  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....English 10 Honors or World Study Honors  
 Graduation Content Requirement: .....US History  
 Fees: .....Fee for AP examination, approximately \$97

**Course Description:** This course combines the studies of history, literature, and writing to address key themes, ideas, and developments in the American experience. You will find relationships between the literary and historical developments of a time period. You will explore the development of American culture from the Colonial Era to the present. You will study both how our nation has changed over time and how it has remained true to its heritage and foundations. In addition, you will study the structure of American Government in order to become a competent citizen. The expectations in this course are comparable to those in a college-level introductory historical survey course. You will use a college-level text, and you will be expected to read and comprehend a substantial amount of material on a nightly basis. Reading loads for AP US History may be twice those of the US History course, and the brisk pace of this course requires you to comprehend outside readings, sometimes without supplemental in-class discussion of them. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## AP US History

Grade Level:.....11  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....World Study Honors  
 Graduation Content Requirement: .....US History  
 Fees: .....Fee for AP examination, approximately \$97

**Course Description:** AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places. You will use a college-level text, and you will be expected to read and comprehend a substantial amount of material on a nightly basis. Reading loads for AP US History may be twice those of the US History course, and the brisk pace of this course requires you to comprehend outside readings, sometimes without supplemental in-class discussion of them. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## International Studies

Grade Level:.....12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Contemporary Issues  
 Fees: .....None

**Course Description:** This course will prepare you for citizenship in a global, digital world. In class discussions and by deliberation of controversial issues, you will reflect on your role in the world. You will investigate current global issues and study the history of the major regions of the world, with an emphasis on the post-World War II era. Economic, geographic, and political themes are developed through case studies from geopolitical regions. Sections of the curriculum will be developed based on current world events and student areas of interest. Readings are drawn from online databases, e-texts, newspapers, books, magazines and the web. You also may be required to research online sources, watch streamed video, and participate in video-conferencing.

## AP Comparative Government and Politics

### Singleton

Grade Level:..... 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... American Studies/AP US History  
 Graduation Content Requirement: ..... Contemporary Issues and Civics (1.0)  
 Fees: ..... Fee for AP examination, if taken, approximately \$97

**Course Description:** This course will prepare you to be an active, informed citizen of the United States and the world. You will develop an understanding of the governmental structures of the United States, Great Britain, China, Russia, Mexico, Nigeria, and Iran. You will study social-political trends and conflicts, and the interplay between economics and politics. You will study the way societies balance individual liberties and the common good, and how political parties compete for power. You will consider the role of political participation, through voting and non-voting methods. You will debate current issues, such as digital privacy, climate change, and immigration in the US and other nations. This course concludes with a focus on active citizenship, including study of local and state issues. You will read from the AP text and current media, view films, and hear a variety of guest speakers. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year. *See English section for description of English 12 Honors.*

## AP Comparative Government and Politics

### Integrated with English 12 Honors

Grade Level:..... 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... American Studies/AP US History  
 Graduation Content Requirement: ..... Contemporary Issues and Civics (1.0)  
 Fees: ..... Fee for AP examination, approximately \$97

**Course Description:** This course follows the College Board curriculum and expectations for AP Comparative Government and Politics (see description on page 34).

## Civics

Grade Level:..... 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: ..... None  
 Graduation Content Requirement: ..... Civics/Contemporary Issues (.5)  
 Fees: ..... None

**Course Description:** In this course, you will prepare to be an active, informed, 21st century citizen. You will study the structure and inner workings of your government, how society balances individual liberties with the common good, and how political parties and interest groups advocate for policies. Your studies will be tied to current constitutional issues, such as free speech in schools, digital privacy, and gun control. You will research and debate public policy on issues such as immigration and the war on terrorism. Through engaging simulation and role-play, you also will explore voting behavior, how the media influences voters, and the role of money in elections. The course culminates in an active citizenship project that requires your involvement with a local, state, or national political issue. For example, you may work on a campaign, propose a ballot initiative, conduct polling, lobby, or propose policy changes to the city council or school board.

## Humanities: Social Studies 12 Honors

Grade Level:.....12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....American Studies/AP US History  
 Graduation Content Requirement: .....Contemporary Issues  
 Fees: .....None

**Course Description:** This course will introduce you to many of the greatest works in Western philosophy and religious thought. You will read, discuss, and write extensively about the ideas of the most influential philosophers, poets, playwrights, and novelists from Greek antiquity to the modern age. The approach is both chronological and comparative; the same concepts and themes are revisited throughout human history. Among those themes are justice, knowledge, good and evil, faith, the self, and death. Readings may include selections from Homer, Plato, Aristotle, Seneca, Thucydides, Descartes, Locke, Freud, Nietzsche, and others. In addition, the course will address political philosophies. You will be expected to apply themes from your readings to explain and analyze contemporary political issues and events on the national, state, and local level. You should expect a classroom environment that simulates a college-level seminar.

## AP Macroeconomics

**Course will be offered in 2018-2019 and alternate years**

Grade Level:.....11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR, Contemporary Issues (SS requirement)  
 Fees: .....Fee for AP examination, approximately \$97, Fee for AP test preparation materials (optional)

**Course Description:** *See CCR section for description of AP Macroeconomics*

## International Entrepreneurship

Grade Level:.....11, 12  
 Duration/Credit: .....2 semesters/1 credit (additional credit by teacher permission)  
 Recommended Preparation: .....Previous business course, Micro- or Macroeconomics, teacher recommendation, and personal interview  
 Graduation Content Requirement: .....CCR, Contemporary Issues/Civics- Classes of 2019 through 2021, CCR, Contemporary Issues-Class of 2022 and later  
 Fees: .....\$50 for DECA

**Course Description:** *Global Learning to Make a Difference:* In this course, you create your own international corporation and establish international trading partners with countries such as Ghana, Kenya, and China. You will develop market research projects for international markets, and you will learn to analyze global economies. In addition, you will have the opportunity to explore current international entrepreneurial opportunities, experience all aspects of business and international trade, focus on profit/non-profit models, engage in socially responsible civic efforts, and understand environmental sustainability. You will engage with business professionals outside of school in order to build partnerships, and you will gain an understanding of international business, including trade, economic, and cultural influences, and how to work with other nations. You will engage in civic and service learning within your local community and participate in job shadows and internships. You will attend business sessions and work cooperatively with business schools like University of Washington’s Foster School of Business and Seattle University’s Albers School of Business and Economics. Teacher permission is required before a student may register for this course.

# World Languages Courses

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**A minimum of 2 years of study of the same world language or 2 credits Personalized Pathway Requirement (PPR) is required for Class of 2019 and later.**

Most four-year colleges require a minimum of two (or three) years of study in the same world language. The World Language Department at Mercer Island High School offers courses in French, Mandarin Chinese, and Spanish. Levels of study include entry level through Advanced Placement/College-in-the-High-School options. Since acquiring a second language is a skill that develops over time, it is important that students master concepts from one level before continuing onto the next level. The World Language Department strongly recommends a minimum grade above C- in order for students to advance through the beginning levels of the language (1 and 2) and a minimum grade of B- or better to advance at the higher levels (3, 4, and AP). Full participation in an AP course includes an expectation that the student will take the AP examination, for which the student will be prepared throughout the year.

Some students enter high school with significant prior experience in a world language other than English. The World Language Department will conduct placement testing for students with new-to-MISD who have prior experience of one of these types. A student who:

- Speaks or hears the language at home
- Has participated in a dual-language immersion program for K-5 or K-8
- Has participated in a FLES or FLEX program for K-5 or K-8
- Has other substantial course work taken in the language

Placement testing should be done prior to registration for the next school year (February/March time frame). That allows the student to request the appropriate world language course during registration, and it allows the World Language Department to staff classes accurately. Students who take placement tests after registration is completed are not guaranteed placement in the class indicated by the test results.

Students who have taken a Level 1 world language course over two years at IMS and have received a C or better in each trimester have the background to take Level 2 of that world language. They have completed the work that will be presented in Level 1 at the high school.

Note: Most World Language courses require students to complete work published in workbook format. Workbooks are available for one-year loan from the MIHS Library. If a student wishes to write directly in his/her workbook, he/she should purchase the workbook from an outside vendor.

## French

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### French 1

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: ..... World Language  
 Fees: .....None

**Course Description:** The focus of French 1 is to provide you with a solid foundation of French vocabulary, grammar, and culture. You will use the textbook *Bon Voyage*, Level 1 and all accompanying materials. You will be provided opportunities to develop all four basic skills of language learning: listening, speaking, reading, and writing. Class emphasis will be on communication, and you will be expected to be an active participant in class. In addition, French culture and the cultures of other Francophone countries will be introduced through projects, reading, and videos.

## French 2

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....French 1, for Islander Middle School students: 5 trimesters French 1 in grades 7-8  
 Graduation Content Requirement: ..... World Language  
 Fees: .....None

**Course Description:** In this course, you will reinforce and expand upon your knowledge of the vocabulary and grammar skills you acquired in French 1. You will use the textbooks *Bon Voyage*, Levels 1 and 2 and all accompanying materials. You will be provided opportunities to continue to develop all four basic skills of language learning: listening, speaking, reading, and writing. Class emphasis will be on communication, and you will be expected to be an active participant in class. In addition, French culture and the cultures of other Francophone countries will be introduced through projects, reading, and videos.

## French 3

Grade Level: .....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....French 2  
 Graduation Content Requirement: ..... World Language  
 Fees.....None

**Course Description:** In this course, you will continue to reinforce and expand upon your knowledge of the vocabulary and grammar skills acquired in French 1 and French 2. You will develop the skills of speaking, listening, writing, and reading to an intermediate level of proficiency. Class emphasis will be on communication, and by the end of French 3, you will meet the standard level of conversational proficiency in the French language. In addition, French culture and the cultures of other Francophone countries will be studied through projects, reading, and videos.

## French 4

Grade Level: .....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....French 3  
 Graduation Content Requirement: ..... World Language  
 Fees.....None

**Course Description:** This course is intended for students in their fourth year of course work in French. There is a strong emphasis on the use of French for active communication during class. You will use the book *Quant a Moi* and accompanying materials. You will be provided opportunities to continue to develop all four skills of language proficiency: listening, speaking, reading, and writing. You will learn language structures in context and use them to convey meaning. In addition to further developing your French language skills, you will study contemporary culture in Francophone countries by examining authentic materials and by creating projects.



## Mandarin Chinese 3

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Mandarin Chinese 2  
 Graduation Content Requirement: ..... World Language  
 Fees: .....None

**Course Description:** This course is a continuation of Mandarin Chinese 2, with the expectation that you will have a basic knowledge of Chinese Pinyin, character creation/evolution, and sentence structures. Emphasis will be placed on formal language as used for instructional and directional purposes, standardized messages, phrases, or expressions. You will be expected to understand the main ideas and details in texts that contain familiar vocabulary. You will be able to connect basic sentences to provide information and some details about what you read, hear, and see. You will further your study of Chinese culture through projects, readings, songs, and videos.

## UWHS Chinese 103

**UWHS Chinese 103 (CHIN 103 First-Year Chinese for Non-Heritage Learners) at University of Washington. May be offered on an alternating basis.**

Grade Level: .....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Mandarin Chinese 3  
 Graduation Content Requirement: ..... World Language  
 Fees: .....Tuition for UW option, approximately \$370  
 Special Credit Available: .....College credit available through paid UW option

**Course Description:** UW Chinese 103 is designed for students in their 4th year of high school Chinese studies. This is the 3rd quarter of the 100-level University of Washington Chinese course. This course uses the UW curriculum, textbook, assignments, tests, and grading parameters and is conducted mainly in Chinese. You will continue to learn modern standard Chinese (Mandarin) with emphasis on developing conversational skills by using fundamental grammatical patterns and vocabulary in functional contexts. You also will be taught through basic reading and writing in Chinese. Work on the internet is coordinated with class work. Students who choose to continue their Chinese language study at the UW need a minimum grade of 2.0 to advance to Chinese 201.

## AP Chinese Language and Culture

Grade Level: .....11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....UWHS Chinese 103  
 Graduation Content Requirement: ..... World Language  
 Fees: .....Fee for AP examination, approximately \$97

**Course Description:** This is a full-year course that covers the equivalent of a second year (quarters 4, 5, 6; or semesters 3, 4) college Chinese course. It is aimed at equipping students both linguistically and culturally to communicate successfully about topics relating to multiple aspects of Chinese society and culture. You will converse or discuss with teachers and other students in class. You will use Chinese language to seek clarifications through the use of communication and language learning strategies. You also will employ the knowledge gained through course materials to develop speaking and writing proficiency on given topics. Some colleges and universities award college credit for qualifying scores on the AP exam; others administer their own language placement examinations. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

# Spanish

In addition to the reasons for world language study mentioned at the beginning of the course descriptions, there is another reason to study Spanish. The United States ranks as the seventh largest Spanish-speaking country in the world. The Spanish-speaking population in the United States is sizable and growing. Knowledge and appreciation of Spanish are important in a variety of professions and community situations.

## Spanish 1

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: ..... World Language  
 Fees: .....None

**Course Description:** The focus of Spanish 1 is to provide you with a solid foundation of Spanish vocabulary, grammar, and culture. You will be given a variety of opportunities to develop all four basic skills of language: listening, speaking, reading, and writing. In addition, you will be provided with opportunities to gain cultural insight into the Spanish-speaking world through an assortment of sources and activities, such as readings, videos, presentations, and projects. Class emphasis will be on interactive communication, and you will be expected to be an active class participant.

## Spanish 2

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Spanish 1, for Islander Middle School students: 5 trimesters Spanish 1 in Gr. 7-8  
 Graduation Content Requirement: ..... World Language  
 Fees: .....None

**Course Description:** In Spanish 2, you will review, reinforce, and expand the skills introduced in Spanish 1. Because there is an increased amount of material to be learned, you will need to increase your efforts in order to maintain your previous level of achievement. Listening comprehension, speaking, writing, and reading comprehension exercises become increasingly more complex and expressive. The uses of the two past tenses are emphasized. As in first year, awareness of and sensitivity to the geographical and cultural variety of the Spanish-speaking world is fostered. Daily homework will be assigned, and you will be expected to review material frequently and regularly to develop long-term memory. You will be assessed on all four proficiencies through classroom participation, quizzes, tests, and group and individual projects that highlight cultural materials and encourage self-expression.

## Spanish 3

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Spanish 2  
 Graduation Content Requirement: ..... World Language  
 Fees: .....None

**Course Description:** In Spanish 3, you will refine the language skills and review materials introduced during Spanish 1 and 2. You will progress to more extensive, advanced vocabulary, master more complex grammatical structures, and study all tenses of Spanish. You will develop self-expression in Spanish, rather than relying on memorized patterns and rote responses. Spanish language cultural materials studied will include non-fiction and short fiction pieces. Daily homework will be assigned, including more complex assignments in writing and reading and use of more advanced language resources. In-class activities will include writing, reading, listening, speaking, and cultural activities. Your language skills will be assessed through classroom participation, project work, presentations, and performance on tests and quizzes. Mastery from first and second year Spanish will be tested, but it may not be taught specifically in the third year classroom.

## UWHS Spanish 103

### UWHS Spanish 103 (SPAN 103 Elementary Spanish) at University of Washington

Grade Level: ..... 10, 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Spanish 3  
 Graduation Content Requirement: ..... World Language  
 Fees: ..... Tuition for UW option, approximately \$370  
 Special Credit Available: ..... College credit available through paid UW option

**Course Description:** This course uses the UW curriculum, textbook, assignments, tests, and grading parameters and is conducted entirely in Spanish. The focus is on oral skills, composition, and grammar. You will increase your Spanish vocabulary by listening to audio materials featuring native speakers talking about real-life situations. You will read authentic works by native speakers and improve your knowledge of the Spanish-speaking world. Daily homework will be assigned. You will have daily practice in all of the required skills: listening, speaking, reading and writing, and you will write compositions, take chapter tests, and make oral presentations.

## UWHS Spanish 201

### UWHS Spanish 201 (SPAN 201 Intermediate Spanish) at University of Washington

Grade Level: ..... 10, 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Spanish 103 (or Spanish 3 with teacher permission)  
 Graduation Content Requirement: ..... World Language  
 Fees: ..... Tuition for UW option, approximately \$370  
 Special Credit Available: ..... College credit available through paid UW option

**Course Description:** This course is being offered as a fourth year of Spanish to those students who successfully complete Spanish 103. The course is taught on the MIHS campus by MIHS staff under the supervision of the UW Romance Language Department and is conducted entirely in Spanish. This course is designed to build upon the language skills you acquired in previous levels of Spanish study and to provide the opportunity for you to continue to develop a cultural overview of the Spanish-speaking world. You will enhance your speaking, listening, reading, and writing proficiencies and acquire basic knowledge of Spanish literature, history, and culture. You will be assessed on your skills through tests, presentations, essays, and classwork in the areas of reading, writing, speaking, listening, and cultural understanding.

## AP Spanish Language and Culture

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Spanish 103 or Spanish 201  
 Graduation Content Requirement: ..... World Language  
 Fees: ..... Fee for AP examination, approximately \$97

**Course Description:** This course is designed to help you develop your written composition and conversation skills using authentic materials and sources. The language of instruction is Spanish, and the curriculum follows guidelines set by the College Board. You will improve your ability to comprehend formal and informal spoken Spanish, expand your Spanish vocabulary and grasp of structure, enhance your ability to read Spanish language literature, write expository passages, and express ideas orally. You can expect 3-5 hours of homework per week. Spanish cultures will be studied through authentic materials and/or projects. Some colleges and universities award college credit for qualifying scores on the AP examination; others administer their own language placement examinations. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

# College and Career Readiness Courses

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**A minimum of 1.00 credit of College and Career Readiness is required for graduation.**

The College and Career Readiness course offerings include all those in Business, Marketing, Health and Professional Sciences, Media and Broadcasting, Technology, Information Technology, Visual Arts and Publications. CCR courses give students the opportunity to develop leadership skills and college and career readiness skills. The courses in College and Career Readiness expose students to training for and insight into college and career pathways, industry certifications, practical life skills, innovative technology and design, and team work. Each year, CCR students graduate with career goals and leadership skills to further their academic and real world education. Regular and AP offerings are available in CCR. Full participation in an AP course includes taking the AP examination, for which the student will be prepared throughout the year.

**Note: Pacific NW College Credit CTE Dual Credit (formerly known as Tech Prep)** is awarded to students who register for it, pay one annual fee (regardless of number of courses taken), and achieve the minimum required course grade. The Pacific NW College Credit CTE Dual Credit option (referred to as CTE Dual Credit for short) is explained to students in eligible courses, and they are guided through the registration process by an MIHS counselor.

## CCR–Business

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### Accounting & Finance

#### Practical Accounting (ACCT 101) at Bellevue College

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Algebra 1  
 Graduation Content Requirement: .....CCR  
 Fees: .....\$50 for DECA  
 Special Credit Available:.....CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** This course will introduce you to the basic accounting cycle and how to create a balance sheet and income statement from business transactions. You will learn the essential concepts and procedures of accounting and understand the importance of profit, types of business organizations, and use of account information to make business and investment decisions. From computer applications, real-life simulations, guest speakers, and field trips you will learn of the exciting and rewarding careers available to accountants. You will visit one of the Big 4 accounting firms and the University of Washington’s Foster School of Business to learn about opportunities in accounting.

### Business & Personal Law

Grade Level:.....10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR  
 Fees: .....None

**Course Description:** This course is designed for the student interested in applying law to business, personal, and work-related problems. You will learn aspects of the law that pertain to business and to personal life. You will understand the Constitutional and ethical basis for the legal system in this country. You will understand legal relationships. Instruction will include the elements of contracts, sales, transactions, negotiable instruments, and the court system. You will research case law, solve case problems, discuss law with guest speakers, visit the King County Court House and a professional business law office. You will be able to make decisions based on principles of law for personal and business applications. Speakers representing business and legal professions will provide real world exposure.

## Personal Finance

Grade Level:.....10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....Algebra 1  
 Graduation Content Requirement: .....CCR, Mathematics\*  
 Fees: .....None

\* Alternative math credit for seniors who have passed Algebra 1 and Geometry

**Course Description:** This course will provide the knowledge and skills necessary to prepare you financially for college and beyond. You will gain the tools necessary to become a wise and knowledgeable consumer, saver, investor, and member of a global workforce and society. The major areas of study will include credit and debt, saving and investing, budgeting, insurance and automobiles, income, taxes, and consumer protection. You will participate in an online Personal Finance simulation and hear perspectives from a variety of guest speakers.

## Business Communications

### Integrated with English 9 and English 9 Honors

Grade Level:.....9  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR  
 Fees: .....None

**Course Description:** The Business Communications/Technology component of the two-period English 9 and Business Communications/Technology block emphasizes technical writing, writing mechanics, vocabulary building, and innovative technology. You will learn MLA formatting, and organizational strategies. You will work on assignments for English 9 that include career exploration. You will use Microsoft software and have the opportunity to become MOS certified through the Microsoft IT Academy. You will learn to use your iPad as an effective tool for academic success. *See English section for description of English 9.*

## AP Macroeconomics

### Course will be offered in 2018-2019 and alternate years

Grade Level:.....11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR, Contemporary Issues (SS requirement)  
 Fees: .....Fee for AP examination, approximately \$97, Fee for AP test preparation materials (optional)

**Course Description:** This course is a college-equivalent course. Topics will include, but are not limited to: basic economic concepts; measurement of economic performance; national income and price determination; economic growth; international finance, exchange rates, and balance of payments. You will be provided with a learning experience equivalent to that obtained in a typical college introductory macroeconomics course, and you will be prepared to take the AP Macroeconomics exam in the spring. You will be evaluated on daily work, quizzes, and tests, and you may be asked to complete a course notebook. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## AP Microeconomics

**Course will be offered in 2019-2020 and alternate years**

Grade Level:..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... None  
 Graduation Content Requirement: ..... CCR  
 Fees: ..... Fee for AP examination, approximately \$97, Fee for AP test preparation materials (optional)

**Course Description:** This course is a college-equivalent course. Topics will include, but are not limited to: basic economic concepts; the nature and function of product markets; factor markets; efficiency, equity, and the role of government. You will be provided with a learning experience equivalent to that obtained in a typical college introductory microeconomics course, and you will be prepared to take the AP Microeconomics exam in the spring. You will be evaluated on daily work, quizzes, and tests, and you may be asked to complete a course notebook and class projects. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## CCR–Marketing

### Marketing

**Principles of Marketing (BUS 120) at Shoreline Community College**

Grade Level:..... 10, 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... None  
 Graduation Content Requirement: ..... CCR  
 Fees: ..... \$50 for DECA  
 Special Credit Available:..... CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** This course is designed for students interested in business, marketing, economics, financial markets, buying and merchandising, advertising and public relations. You will study hospitality, travel and tourism, and sports and entertainment marketing. You will learn how to create an image with impact, use multi-media for promotions and advertising, develop a marketing plan and invest in the stock market. In addition, you will learn basic economic principles, participate in DECA competitions, and complete a career exploration.

### Advanced Marketing

**Individual Studies in Marketing (MKTG 299) at Bellevue College**

Grade Level:..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Marketing  
 Graduation Content Requirement: ..... CCR  
 Fees: ..... \$50 for DECA  
 Special Credit Available:..... CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** In this course you will develop a marketing research project for DECA. You will learn about global economics, analyze current trends in the market place, and create multi-media presentations and advertising campaigns. You will create school-based marketing projects and participate in a variety of leadership activities.

## Retail Store Management

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Marketing and teacher permission  
 Graduation Content Requirement: .....CCR  
 Fees: .....\$50 for DECA

**Course Description:** In this course you will manage and operate the MIHS student store, and you will analyze sales data, select vendors and new products, learn ordering and an inventory system, design promotional advertising and visual merchandising displays, perform marketing research, and make product recommendations. In addition, you will participate in DECA competition. Teacher permission is required before a student may register for this course.

## International Entrepreneurship

Grade Level:.....11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Previous business course, Micro- or Macroeconomics, teacher recommendation, and personal interview  
 Graduation Content Requirement: .....CCR, Contemporary Issues/Civics, classes of 2019-2021;  
 CCR, Contemporary Issues, class of 2022 and later  
 Fees: .....\$50 for DECA

**Course Description:** Global Learning to Make a Difference: In this course, you create your own international corporation and establish international trading partners with countries such as Ghana, Kenya, and China. You will develop market research projects for international markets, and you will learn to analyze global economies. In addition, you will have the opportunity to explore current international entrepreneurial opportunities, experience all aspects of business and international trade, focus on profit/non-profit models, engage in socially responsible civic efforts, and understand environmental sustainability. You will engage with business professionals outside of school in order to build partnerships, and you will gain an understanding of international business, including trade, economic, and cultural influences, and how to work with other nations. You will engage in civic and service learning within your local community. You will attend business sessions and work cooperatively with business schools like University of Washington’s Foster School of Business and Seattle University’s Albers School of Business and Economics. Teacher permission is required before a student may register for this course.

## CCR–Health Education and Professional Sciences

### Image

#### Wellness for Healthcare (HLTH145) at Bellevue College

Grade Level:.....9, 10  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Health Education, CCR  
 Fees: .....None  
 Special Credit Available:.....CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** In this course, you will gain practical knowledge in mental, emotional, and physical health. Some of the units of study include violence, intimidation, and bullying; communication skills; healthy coping techniques; nutrition; fitness; human sexuality; and substance abuse. You will complete a research project on a disease of your choice. You will become trained and certified in CPR.

## Personal and Family Relationships

Grade Level:..... 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Health Education, CCR  
 Fees: .....None

**Course Description:** This course is preparation for an independent lifestyle and is a health education class that covers issues relevant to 11th and 12th graders. You will learn about stress management, financial health, nutrition, food and fitness, communication skills, human sexuality, drugs and alcohol issues, social problems, and personal health concerns. The psychology of self and relations with others will be emphasized. Other topics may include issues dictated by students’ needs. You will become trained and certified in CPR. You will have the opportunity to learn from outstanding professionals and community members.

## AP Psychology

Grade Level:..... 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR  
 Fees: .....Fee for AP examination, approximately \$97

**Course Description:** In this rigorous course, your learning experience will be equivalent to that of an introductory college psychology course. You will follow a systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. You also will learn about ethics and methods psychologists use in their science and practice, particularly when you design and complete your own research-based studies. You will be assessed through quizzes and tests, research papers, written reflections, group and individual projects, and daily reading notes. Readings will be from a text and from supplemental, scholarly articles. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

## Biotechnology/Research and Ethics

### Biological and Society (BIOL 107) at Shoreline Community College

Grade Level: ..... 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Chemistry 1/Physics 1 and Biology  
 Graduation Content Requirement: .....Lab Science, CCR  
 Fees: .....Breakage fee, per incident, \$10 for lab book (optional)  
 Special Credit Available.....CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** In this course, scientific research, biotechnical skills, and laboratory explorations are combined with the discussion of ethics. You will apply the scientific method in laboratory explorations, and you will use critical analysis to describe how science affects our society. In laboratory activities, you will design and implement your own experiments, learn and apply biotechnical skills, and critically analyze your data. Some of these biotechnical skills include: extracting DNA, gel electrophoresis, ELISA testing, column chromatography, and PCR. To discuss issues of scientific ethics, you will research relevant information, identify stakeholder perspectives, and explore various viewpoints and arguments for solutions to medical and technical problems. You will attend field trips and/or shadowing experiences. In addition, you will be teamed with a mentor and expected to complete a major project on a biological topic of your choosing.

## AP Environmental Science

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Biology, Chemistry 1  
 Graduation Content Requirement: ..... Lab Science, CCR  
 Fees: ..... Breakage fee, per incident; fee for AP examination, approximately \$97

**Course Description:** The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. It is a rigorous course that stresses scientific principles and analysis and includes field studies, case study analyses, research, and laboratory experiences. You will study a broad range of science topics that relate to the environment from earth science, biology, and chemistry. There also will be some study of environmental issues from a sociological or political perspective, but the emphasis usually will be a scientific one. Topics include interdependence of the earth's systems; biodiversity; population dynamics; toxicology; climate, biomes, and climate change; renewable and non-renewable energy resources, air pollution and ozone depletion; and mineral, soil, and water resources. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year. **You will need to complete a summer homework assignment and submit it on the first day of class.**

## Materials Science

### Intro to Materials Science (ETEC 175) at Edmonds Community College

Grade Level: ..... 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended Preparation: ..... Chemistry 1/Physics 1, Biology  
 Graduation Content Requirement: ..... Lab Science, CCR  
 Fees: ..... \$10 for take-home projects  
 Special Credit Available: ..... CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** This hands-on lab science class is dedicated to the study of metals, ceramics, polymers, and composites. You will complete experiments to observe the effects of different stresses, strains, and temperature extremes and changes on each of these materials. You also will be given the opportunity to apply your knowledge to design and develop your own projects.

## Horticulture

Grade Level: ..... 9, 10, 11, 12  
 Duration/Credit: ..... 2 semesters/1 credit  
 Recommended preparation: ..... None  
 Graduation Content Requirement: ..... Lab Science, CCR  
 Fees ..... \$50  
 Location: ..... Crest Learning Center

**Course Description:** This science course includes lessons in biology, botany, entomology, chemistry, mathematics, genetics, physiology, statistics, garden design, plant propagation, plant selection, and plant sales. You will study topics including parts of the plant and their associated functions, environmental requirements for good plant growth, the process of plant propagation using modern state-of-the-art Horticulture technology, the art of container and landscape design, and local plant and tree identification. This course includes maintaining Horticulture's three greenhouses and conducting a community-based plant sale.

\*Horticulture has no recommended preparation and satisfies no MIHS science sequence preparation for the various MIHS science courses. Please note: freshmen who take this course will be strongly discouraged from taking Biology sophomore year as they need to take Chemistry 1/Physics 1 in order to be prepared for Biology.

## CCR–Media and Broadcasting

### **Radio Broadcasting and Technology**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR  
 Fees: .....Up to \$20 for field trips (optional)

**Course Description:** This hands-on course gives you the opportunity to learn radio broadcasting and to operate a fully functional radio station. KMIH-FM (88.9 and 94.5) broadcasts 24/7 to Mercer Island, Seattle, and surrounding Lake Washington cities. In this course, you will play a critical role in operating the station and you will learn skills in public speaking, audio production, content creation, storytelling, marketing, and promotions. You will have the opportunity to host your own show on the air and to learn how to use media to promote and serve the community. You will analyze the Seattle radio market and develop ways to attract student and local listeners. This course blends technology, academic content, and business skills that will prepare you for the broadcast world and the job market in general. Many students who succeed in this course go on to qualify for internships or post-high-school employment at major Seattle stations.

### **Advanced Radio Broadcasting and Technology**

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1credit  
 Recommended Preparation: .....Radio Broadcasting and teacher permission  
 Graduation Content Requirement: .....CCR  
 Fees: .....Up to \$20 for field trips (optional)

**Course Description:** As an Advanced Radio Broadcasting student, you will work in the station helping to manage the day-to-day operations of KMIH-FM, advancing your radio skills as learned in the introductory class. These tasks benefit you by giving you an in-depth knowledge of how a radio station runs. Your programming will directly affect the operation of the station. You will learn how to manage various roles in traffic (scheduling), sales, music, production, on-air, and promotions, and you will make decisions that have a direct impact on KMIH. Students who have taken Advanced Radio have gained employment right out of high school, and have secured radio jobs in college because of the experience and knowledge they gained managing KMIH-FM.

### **Video Arts**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR  
 Fees: .....Students provide SD cards for production

**Course Description:** In this course, you will be introduced to the basics of video production using digital video cameras and digital editing equipment. Basic skills include shot composition, studio lighting, audio, production planning, script writing, and editing. You will work in groups to create video projects. In addition, you will participate in the production of the school’s morning video announcements. There is a strong emphasis on job-related skills: teamwork, punctuality, reliability, care of equipment, and meeting deadlines. Assignments include video projects, such as promotional videos, public service announcements, commercials, documentaries, and special event videos.

## CCR–Technology

### **Apps for Mobile Devices**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: ..... CCR  
 Fees: .....None

**Course Description:** In this introductory programming course, you will learn to design, create, and distribute your own mobile device application. The course will introduce you to both the Android and the iOS platforms. You will learn the basic framework to build a functional application for touch screen devices. At the end of this course, you will have your own mobile device application(s) that you can continue to test on family and friends.

### **Advanced Apps for Mobile Devices**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Apps for Mobile Devices and teacher permission  
 Graduation Content Requirement: ..... CCR  
 Fees: .....None

**Course Description:** In this course, you will continue the learning started in Apps for Mobile Devices. You will increase your level of understanding of programming language, through your work on independent projects.

### **Engineering Technology 1/Digital Sculpture**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: ..... CCR  
 Fees: .....None

**Course Description:** This is an introductory course for students interested in designing and building projects in 3-Dimensions, such as sculpture, machines, structures, and engraving. Skills learned can be applied in fields such as engineering, architecture, and art. You will explore the basic elements of design, mechanics and material science. You will learn to take an idea, build it on the computer in 3 dimensions, and use the model and computer-aided machining technology to produce the product. You will learn the industry-standard, 3D drafting program SOLIDWORKS and use it to design and analyze projects for strength and function. Using a 3D printer and other computer-controlled machines in our engineering shop, you will translate project designs to reality. The course is project-oriented; the emphasis is on completing projects that demonstrate creativity and skill. You will be assessed on project completion and in-class work habits.

## Engineering Technology 2

**AutoCad 1 (ENGT 131) at Lake Washington Technical Institute and Engineering Graphics (ENGR 114) at Bellevue College when both Engineering Tech 1 and Engineering Tech 2 are completed successfully**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....Engineering Technology 1  
 Graduation Content Requirement: .....CCR  
 Fees: .....None  
 Special Credit Available (optional):.....CTE Dual Credit available at completion of Engineering Tech 1 and 2, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** This course builds on the techniques developed in Engineering Technology 1. You will be able to explore different manufacturing techniques, such as Epoxy Resin molding, four axis milling and casting. You will use your past experience to develop project ideas, and you will be given a degree of freedom in choosing projects. The course is project-oriented; the emphasis is on completing projects that demonstrate creativity and skill. You will be assessed on project completion and in-class work habits.

## Introduction to Robotics

**Intro to Robotics (CEN 176) at Edmonds Community College**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Chemistry 1/Physics 1  
 Graduation Content Requirement: .....CCR, Mathematics\*  
 Fees: .....\$30 fee for parts/programs  
 Special Credit Available (optional):.....CTE Dual Credit available, based on grade and registration; fee may apply, approximately \$49

\*Alternate math credit for seniors who have passed Algebra 1 and Geometry

**Course Description:** This course explores the world of robotics through the basic principles of design, construction, and programming of robots. You will learn problem-solving techniques, mathematics, logic, creativity, physics, electronics, mechanics, teamwork, computers, and computer programming. The class is structured for students with or without technical background. You will learn how the basic components of a robot operate and then learn to join components to build a robot that can complete simple functions. You will work on a team and use VEX Robot Kits to design, build, test, and modify your robots. In the lab, you will be challenged to construct robots that can perform a series of tasks. The goal of the class is to provide you the opportunity to apply science, math, technology, and engineering skills and concepts in a challenging and fun environment. You will have the opportunity to participate in the VEX competition.

## Advanced Robotics

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Introduction to Robotics  
 Graduation Content Requirement: .....CCR  
 Fees: .....\$30 fee for parts/programs

**Course Description:** This is a project-based course that builds upon the concepts you learned in Introduction to Robotics. Throughout the year, you will work in teams to develop robots to compete in VEX Robotics and FIRST Robotics Competitions. Robotics projects will align with the competition season, and grades will correspond to progress on those projects. You will begin to develop skills specific to one area applicable in robotics: electrical, mechanical drive, mechanical manipulator, or programming. You also will be expected to mentor groups of students in the introductory course and will be graded on the mentoring process.

## CCR–Information Technology

### UWHS Computer Science Principles Computer Science Principles (CSE 120) at University of Washington

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....Geometry, or concurrent enrollment in Geometry  
 Graduation Content Requirement: .....CCR  
 Fees: .....Fee for UW credit option, approximately \$400  
 Special Credit Available.....College credit through paid UW tuition option when minimum enrollment numbers met

**Course Description:** This course introduces the fundamental concepts of computer science and computational thinking. You will develop skills in logical reasoning, problem solving, data representation, and abstraction. You will learn to create digital artifacts such as web pages and programs. You also will learn about the ethical, legal, and social aspects of information technology. This is a project-based course, and time will be given in class to working on projects, which will include Windows application tools and elementary gaming graphics.

### AP Computer Science A

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Algebra 1  
 Graduation Content Requirement: .....CCR, Mathematics\*  
 Fees: .....Fee for AP examination, approximately \$97  
 \* Math credit for students enrolled in Algebra 2 or higher

**Course Description:** This class is designed for students who plan to pursue a career that relies on computer technology. No computer programming experience is necessary; however, a strong math background will help assure success. You will be learning the web-based programming language, Java. Course topics include program development cycle, program syntax, code writing techniques, classes, data types, methods, conditionals, and repetition statements. You will gain an in-depth knowledge of how computers execute programs. You will be given ample time to work on projects in class, and you will be able to work at home. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

### Computer Programming and Game Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR  
 Fees: .....None

**Course Description:** This course will introduce you to the computer programming fundamentals of object-oriented programming and game design. You will learn concepts in computer graphics, human-computer interaction, computer architecture, and computer programming logic. This is a hands-on course in which you will work individually and in teams to design, build, and demonstrate simple video games.

Note: Independent study options in computer programming may be available for credit through School Without Walls (SWOW). Needs teacher permission.

## Music Technology

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR, Fine Arts  
 Fees: .....None

**Course Description:** In this course, you will explore topics related to music technology, including the recording process, live sound reinforcement, and digital music creation. You will learn how to organize, record, mix, and master a recording session, and you will plan and implement live sound in concert settings. You also will create music in a variety of styles using loop- and groove-based software, such as GarageBand®. Students in this class will have the opportunity to work with MIHS performing groups during concerts and recording sessions throughout the year. Projects will include creating your own songs, setting up and running sound for a live concert, and recording tracks in a recording studio.

## Advanced Music Technology

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Music Technology  
 Graduation Content Requirement: .....CCR, Fine Arts  
 Fees: .....None

**Course Description:** In this course, you will expand your knowledge of digital music creation, live sound reinforcement, and the recording arts, as introduced in the first year course: Music Technology. You will continue to explore career options and skills necessary for jobs in audio engineering fields by working on topics such as mixing, audio processors, audio effects, and recording techniques. Using an array of equipment including microphones, digital mixing boards, and digital audio workstations (Avid Pro Tools), you will create projects that mimic real-world applications. Projects will include running live sound for MIHS concerts and recording musical works in a recording studio.

## AP Statistics

Grade Level:.....11, 12 (or by permission of Department Head)  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Algebra 2 (1 full year)  
 Graduation Content Requirement: .....Mathematics, CCR  
 Fees: .....TI-Nspire calculator; fee for AP examination, approximately \$97

**Course Description:** Statistics, the art of drawing conclusions from imperfect data and the science of real-world uncertainties, plays an important role in many fields, including science, sociology, medicine, engineering, political science, geography, and business. This course follows the College Board curriculum for AP Statistics. You will develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. You will design, administer, and tabulate results from surveys and experiments. Simulations and an understanding of probability aid you in constructing models for chance phenomena. Sampling distributions provide the logical structure for inference procedures. Technology is an integral part of the course and will be used in a variety of projects, including a culminating community service project. A key component of assessments is written communication that demonstrates deep understanding of concepts and vocabulary. Daily homework will be assigned. Full participation in an AP course includes an expectation you will take the AP examination, for which you will be prepared throughout the year.

# CCR–Visual Arts and Publications

## Glass Art

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$45 materials fee; student must provide a 9”x12” sketch book

**Course Description:** In this course you will receive an introduction to basic techniques used in glass fusing and slumping, mosaics, stained glass, and enameling. Through first-hand experience, you will learn about the many possibilities of sheet and kiln-formed glass. You will explore the use of accessory glass, such as powders, frits, stringer, and metal foil to develop a unique look for your fused glass creations. Finished projects may include, but not be limited to, decorative plates and dishes, glassware, mosaics, jewelry, ornaments, coasters, and more. You will be assessed on class participation, quizzes, group critiques, and evaluation of your projects.

## Advanced Glass Art

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....Glass Art  
 Graduation Content Requirement: .....Fine Arts CCR  
 Fees: .....\$45 materials fee; student must provide a 9”x12” sketch book

**Course Description:** This course builds on the skills and techniques developed in Glass Art. You will refine the techniques used in kiln glass fusing and slumping, mosaics, stained glass, and enameling. Additional processes will be introduced: glass painting, using powders and frits, and screen printing. You will develop a unique body of work that reflects your artistic voice and combines elements and principles of design. You will be assessed on class participation, quizzes, group critiques, and evaluation of your projects.

## Graphic Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$35 materials fee

**Course Description:** In this hands-on design course you will explore various methods used to create and combine words, symbols, and images to convey ideas and messages. You will solve visual design problems through hand-drawing and hand-crafted printing methods, such as linoleum block printing, silk-screen, and mono-printing. You will explore printmaking, concept and layout sketching, color theory, and the elements of art and principles of design. You will use presentation and communication skills throughout your study of the history of design, current design trends, and commercial art business operations. You also will be exposed to skills for employment: work portfolio preparation, job interview, and artist statements and resumes.

## Advanced Graphic Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Graphic Design  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$35 materials fee

**Course Description:** This course builds on skills and techniques you developed in Graphic Design. You will refine your visual design problem-solving skills through the use of Adobe® digital graphic design software. You will learn the basics of successful design and implement the elements of art and principles of design in your work. You will manage design projects and collaborate to create logos, packaging, and various promotional pieces and publications. Emphasis will be placed on exploration and innovative uses of software tools, basic software imaging information, building a portfolio, and developing drawing skills. You also will be exposed to skills for employment: portfolio preparation, job interview, and artist statements and resumes.

## Metal & Jewelry Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$35 materials fee, student must provide a 9” x 12” sketch book

**Course Description:** In this beginning jewelry course, you will be introduced to the elements and principles of design. Your progress will be based on sequential learning steps with emphasis on developing basic techniques and skills. As the course progresses, you will explore soldering, cold connecting, fabrication, enameling, casting, chain making, etching and other techniques, as time allows. You will create six to ten different projects. Each project requires you to plan, draw, and design before the piece is executed. Each project emphasizes a particular material, technique, or design problem. Projects will be graded on objective criteria as well as creative use of design elements and materials.

## Advanced Metal & Jewelry Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Metal and Jewelry Design  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$35 materials fee, student must provide a 9” x 12” sketch book

**Course Description:** This course will build on the skills and techniques developed in the Metal and Jewelry Design course. You will fabricate and design jewelry using gemology; metal-smithing and finishing; stone cutting and polishing; metal and non-metal casting and molding; metal coloring; enameling; lapidary techniques; and engraving, polishing, stone setting, soldering, and fine microscopic work. You will gain an understanding of equipment and tool maintenance, redesign and restyling techniques, safety policies, and customer relations. You will be required to plan, draw, and design before executing a piece. All projects must include the following components: narrative, step-by-step directions, sketches and photos, safety and health list, leadership. Advanced students are encouraged to participate in the Passing of the Torch Contest, a state-wide contest which includes 3-D Jewelry designs and sculpture compositions.

## Digital Photography

**Imaging Foundations (DMA 103) at Bellevue College, or Image Editing 1 with Photoshop (MMDP 122) at Lake Washington Institute of Technology**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$25 fee for printing images  
 Special Credit Available.....CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** This course will introduce you to digital photography and Adobe Photoshop® techniques. You will learn how to operate a digital camera, master digital workflow, maintain a digital portfolio, critique images, print and display your work, and learn standards of the photography industry. Projects include controlling depth of field and shutter speed, composition, history of photography, studio lighting, extreme angles, portraiture, and a variety of Photoshop® skills, such as use of layers, tools, and blending modes. You will demonstrate your understanding of the elements and principles of design as you begin to define your artist voice through photography.

## Advanced Digital Photography

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Digital Photography  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$25 fee for printing images

**Course Description:** In this course you will acquire a high degree of proficiency in digital photography and Adobe Photoshop® techniques. You will develop your personal style as you create compelling images using composition, selective focus, and advanced Photoshop® techniques. You will hone your photography skills as you explore subtleties of natural and studio light, candid and posed portraits, product photography, and abstract art. You will learn to incorporate font into your images as a design element. You also will create a portfolio of personal work, participate in class critiques, display your work at Showcase, and potentially enter the Washington State High School Photography Competition.

## AP Studio Art 2-D Design

Grade Level:.....11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Digital Photo, Adv. Digital Photo, and teacher permission  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$45 materials fee; student must provide optional materials and a 9”x12” sketch book; Fee for AP Portfolio Assessment, approximately \$97

**Course Description:** This course is designed for advanced junior and senior photography students. It will prepare you to create artful images that define your artist voice. The course is intended for motivated, experienced art students, who are dedicated to the study of photography. This class requires significant time outside school hours: to take pictures, visit museums and galleries, and maintain a process journal. You will be assessed on projects and participation in class critiques. In the spring you may submit a portfolio to the College Board for the AP evaluation. You will create three portfolios to meet the AP Studio Art requirements: Quality (your 5 strongest prints), Concentration (12 images carefully developed around a specific theme), and Breadth (12 images showing a variety of techniques that incorporate the Elements of Art). Full participation in an AP course includes an expectation you will submit a portfolio for AP evaluation, for which you will be prepared throughout the year.

## Journalism

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit or 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR  
 Fees: .....None

**Course Description:** In this course, you will develop the fundamentals for writing and editing effective news articles, feature stories, editorials, and sports reports. You will learn ethical practices in journalism by studying relevant state and federal laws. You will gain practical experience by writing articles for the school newspaper, The Islander. In addition to gaining experience in journalistic writing, you will begin to learn desktop publishing, page layout, proofreading, advertising, and photography.

## Advanced Journalism

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Journalism and teacher permission  
 Graduation Content Requirement: .....CCR  
 Fees: .....None

**Course Description:** In this course, you will continue your study of journalism and improve your journalistic skills. This course is designed for advanced writers and photographers, second-year page editors, senior page editors, and editor(s)-in-chief. You will manage and lead the process of publishing The Islander, the school newspaper. You will be expected to secure advertising from area businesses, collaborate with area media outlets, manage the publication process, and mentor Journalism students. Completion of assigned work will require specific time commitments outside of regular class time.

## Yearbook

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Teacher permission  
 Graduation Content Requirement: .....CCR, Fine Arts  
 Fees: .....None

**Course Description:** The yearbook is produced by a team of students led by a faculty advisor. In this course you will write interview questions and interview students and staff, learn journalistic writing, photo journalism, design spreads in Adobe InDesign®, and meet real-world deadlines with our yearbook publishing company. You will learn digital workflow and the publishing process. There is a heavy emphasis on technology, as computer skills are an integral part of yearbook publishing. You will be assigned to a production team for multiple sections of the yearbook. With your team and under the supervision of the editors and the advisor, you will write copy, take photographs, and design layouts for pages. You will have opportunities for leadership roles, such as editor, junior editor, writing editor, photography editor, and team lead. The school’s yearbook is the final product.

## Additional Career and College Readiness

### Pacific NW College Credit – CTE Dual Credit (formerly Tech Prep)

Pacific NW College Credit – CTE Dual Credit\* is an industry and education partnership committed to providing occupational pathways for students by preparing them for technologically advanced careers and post-secondary education. Tech Prep partners include community/technical colleges: Bellevue College, Shoreline Community College, and Lake Washington Institute of Technology. High School students become eligible to earn CTE Dual Credit by registering, paying an annual fee (\$49 in 2018), and earning a qualifying grade in an eligible course. CTE Dual Credit courses offered at MIHS include: Accounting, Biotechnology/Research and Ethics, Digital Photography, Engineering Tech 1 and Tech 2, Marketing, Advanced Marketing, Intro to Robotics, and Materials Science.

\*In this catalog, “Pacific NW College Credit – CTE Dual Credit” will be referred to as CTE Dual Credit.

### Work-Based Learning

In the year-long work-based learning course, you will learn on-the-job work skills at a local work site. The type of business and position will be determined by your interest, experience, abilities, and the availability of positions in the local community. The WBL course is intended to give you the opportunity to link academic work, career interests, and work place experience by integrating work-based and school-based learning, providing you with instruction in the industry you are preparing to enter, integrating occupation and academic learning, linking secondary and post-secondary educational opportunities. This course is designed to complement academic and/or career-related course work you currently are taking.

### WANIC – Washington Network for Innovative Careers

Mercer Island High School is a consortium member of WANIC, a regional skill center in Northeast King County. WANIC provides advanced-level Career and Technical Education (CTE) programs based on rigorous academic and industry standards preparing students for career and college readiness. WANIC Skill Center programs are delivered through a system of branch campuses in participating districts. The skill center programs will provide dual credit opportunities (both high school and college credit) and/or lead to industry certifications.

#### WANIC consortium districts include:

- Bellevue School District
- Issaquah School District
- Lake Washington School District
- Mercer Island High School
- Northshore School District
- Riverview School District
- Snoqualmie Valley School District

#### Courses may include:

- |  |   |
|--|---|
| • CISCO Networking Academy                   | • Digipen Video Game Programming                |
| • Teaching Academy                           | • American Sign Language                        |
| • Dental Careers                             | • Architectural and Engineering design          |
| • Automotive Technology                      | • Construction/Woodworking Trades               |
| • Culinary Arts                              | • Criminal Justice                              |
| • DigiPen Art and Animation                  | • Event Planning, Hospitality and Tourism       |
| • Digipen Music Engineering and Sound Design | • Graphic Design and Production Strategies      |
| • Fire and EMS                               | • Interior Design                               |
| • Digipen Robotics and Future Technologys    | • Sports and Entertainment Marketing Management |
| • Health Science Careers                     |   |

Please see your academic counselor for information about available WANIC courses and related registration procedures.

## Fine Arts – Performing Arts Courses

**2.00 credits of Fine Arts (or 1.00 Fine Arts + 1.00 Personalized Pathway Requirement) are required for classes of 2019 and later.**

The student will acquire the knowledge and skill to communicate effectively through the elements of art and will gain the understanding and discipline that comes from involvement in the performing arts.

**Notice to parents:** Instruments can be rented from the Mercer Island School District. The instrument rental fee for a school-owned instrument is \$100. Special Fees for music students are described below. Financial assistance is available for students who qualify for the free and reduced lunch program.

Course	Student-Supplied Equipment	Clothing	Other Fees
Beg/Adv Acoustic Guitar	Acoustic guitar w/case		
Bel Canto Choir		Blk dress shoes/blk pants	\$12 uniform cleaning
Jazz Choir		\$80 uniform	
Concert Band	Mallets (percussionists)	Concert attire: • Black coat • Black socks • White dress shirt • Bow tie  Marching Band: • Marching shoes • Gloves • Uniform t-shirts	<ul style="list-style-type: none"> <li>• \$125 Fair Share Fee</li> <li>• Uniform cleaning</li> <li>• Festival registration</li> <li>• Uniform replacement</li> <li>• Instrument rental fee</li> <li>• Solo and ensemble fees up to \$100</li> </ul>
Symphonic Band/ Wind Symphony/ Wind Ensemble	See Concert Band	See Concert Band  Female Wind Ensemble: Concert dress, \$75	See Concert Band
Instrumental Techniques	Mallets	See Concert Band	See Concert Band
Jazz Ensemble		Uniform \$20-\$50	<ul style="list-style-type: none"> <li>• \$20 cleaning fee</li> <li>• Jazz Festivals \$100-\$200 each</li> </ul>
Philharmonic Orchestra/ Symphonic Orchestra		Females: ankle-length blk dress/skirt, blouse, blk shoes  Males: Blk shoes, coat, pants, socks; white shirt, bow tie	
Steel Band/Adv Steel Band	Mallets	Uniform TBD	\$100 instrument maintenance fee
Drama 2: Advanced Drama			\$50 costume cleaning

***All fees above are approximate and subject to change.***

## Beginning Acoustical Guitar

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit, or 2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....None

**Course Description:** This introductory course is designed to give beginning guitarists an opportunity to develop the fundamentals of guitar. These will include: note reading, forming chords, scale patterns, fingerings, strumming rhythms, finger picking, flat picking, ensemble work, and playing songs. You will be required to perform periodically with the instructor and in front of the class. You will be responsible for and tested on all materials studied in class.

## Advanced Acoustical Guitar

Grade Level:.....10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit, or 2 semesters/1 credit  
 Recommended Preparation: .....Beginning Acoustical Guitar (1 full year)  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....None

**Course Description:** You will further develop and refine guitar techniques and musical skills. These will include: multiple note reading, forming more complex chords, scale patterns, fingerings, strumming rhythms, finger picking, flat picking, composing, ensemble work, and playing entire songs. You will be required to perform periodically with the instructor and in front of the class. Some ensemble work may be included in performance. You will be responsible for and tested on all materials studied in class.

## Bel Canto Choir

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....Choir uniforms provided; see chart

**Course Description:** You will receive fundamental training in choral techniques and study a wide variety of quality music literature. You will develop correct production of vocal sound. Basic fundamentals of music theory and sight-singing will be included and put to practical use in the literature. You will be responsible for and tested on all materials studied in class. Class participation is included in assessment, and you will be required to attend concerts, contests, and other performances. Some evening rehearsals are required.

## Jazz Choir

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Audition and 1 full year in Bel Canto Choir  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....Jazz uniform selected by staff and students; see chart

**Course Description:** You will study many styles of contemporary and traditional music, including jazz, rock, pop ballads, and Latin. Characteristics of each style will be explored and incorporated into the performance. Improvisation, scatting, and arranging will be offered to those who show a desire to learn them. You will be responsible for all materials studied in class. Class participation is included in assessment, and you will be required to attend concerts, contests, and other performances. Some evening rehearsals are required.

## Concert Band (9)

## Symphonic Band/Wind Symphony/Wind Ensemble (10, 11, 12)

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Meet musical and behavior expectation of previous year’s ensemble  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....Uniform provided during marching season; see chart

**Course Description:** You will study a variety of the finest band literature available, and you will have the opportunity to participate in solo & ensemble contests. You will have playing tests on technical exercises and weekly sectional rehearsals. Symphonic Band/Wind Ensemble/Wind Symphony combine with Concert Band to form the Marching Band in the fall and Animal Band in the winter. Extra rehearsals and performances in the evening are required.

## Instrumental Techniques

### Percussion Ensemble

Grade Level:.....10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Meet musical and behavior expectation of previous year’s ensemble  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....See chart

**Course Description:** This course is open to students who wish to increase their proficiency on all of the instruments in the percussion family. Your involvement in this course will include participation in one of three concert bands, marching band, and the MIHS Percussion Ensemble. You will be exposed to quality literature in many genres. Performances are a required part of this course; some will require evening rehearsals.

### Jazz Ensemble

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Audition and enrollment in Band program  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....Uniform selected each year; see chart  
 Travel costs: .....The band will participate in 1-3 overnight jazz festivals per year.

**Course Description:** You will study and perform advanced Big Band Jazz and Latin musical styles. Music literature will be of exceptional quality, representing a variety of historical periods. Methods for improvisation also will be studied. Extra rehearsals and evening and weekend concerts are required.

## Music Technology

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....CCR, Fine Arts  
 Fees: .....None

**Course Description:** In this course, you will explore topics related to music technology, including the recording process, live sound reinforcement, and digital music creation. You will learn how to organize, record, mix, and master a recording session, and you will plan and implement live sound in concert settings. You also will create music in a variety of styles using loop- and groove-based software, such as GarageBand®. Students in this class will have the opportunity to work with MIHS performing groups during concerts and recording sessions throughout the year. Projects will include creating your own songs, setting up and running sound for a live concert, and recording tracks in a recording studio.



## **Drama Improv**

Grade Level:.....9, 10, 11, 12  
Duration/Credit: ..... 1 semester/.5 credit or 2 semesters/1 credit  
Recommended Preparation: .....None  
Graduation Content Requirement: .....Fine Arts  
Fees: .....None

**Course Description:** Through drama games and improvisations, you will learn to “think on your feet,” improve focus and concentration ability, and collaborate with others. In-class activities promote development of listening and memorization skills. Activities will help you build confidence and self-esteem. You do not need to be an actor to take this class. It is for all skill levels and abilities. Each unique semester builds on knowledge acquired through the course of the year. In-class work helps you prepare for an Improv Show at the end of the semester.

## **Drama 1: Actors Studio**

Grade Level:.....9, 10, 11, 12  
Duration/Credit: ..... 1 semester/.5 credit or 2 semesters/1 credit  
Recommended Preparation: .....None  
Graduation Content Requirement: .....Fine Arts  
Fees: .....None

**Course Description:** This course offers you the fundamentals of acting and improvisation, text study and analysis (monologues, scenes, and full plays), working with dramatic structure, and preparing for auditions. Activities are designed to sharpen skills in concentration, communication, collaboration, vocal and physical expressiveness, critical thinking and creative problem-solving. Each unique semester builds on knowledge acquired through the course of the year. Students who complete Drama 1 successfully are encouraged to audition for Drama 2.

## **Drama 2: Advanced Drama**

Grade Level:.....10, 11, 12  
Duration/Credit: .....2 semesters/1 credit  
Recommended Preparation: .....Audition or teacher permission  
Graduation Content Requirement: .....Fine Arts  
Fees: .....See chart

**Course Description:** This performance-based program explores a wide range of approaches to developing your artistic voice as a theatre actor. Drama 2 students are expected to dedicate significant outside-of-class-time to rehearse and perform in the winter/spring productions. When appropriate, you will train with professional artists in such specialized areas as mask work, singing and dancing, playwriting, and stage combat. As opportunities arise, you will work collaboratively to create original theatre pieces for in-school and/or other public performances.

## **Technical Theatre Production**

Grade Level:.....9, 10, 11, 12  
Duration/Credit: .....2 semesters/1 credit preferred  
Recommended Preparation: .....None  
Graduation Content Requirement: .....Fine Arts  
Fees: .....None

**Course Description:** This is a project-based, hands-on opportunity for students with a serious interest in learning about the basic technical elements of lighting and sound, set building, scene painting, costume design and construction, and marketing for theatre. Opportunities are available for you to learn to program light cues, operate power tools, engineer sound, use a sewing machine, and more. Outside of class time is expected, especially when working on Drama Department productions. Flexible time options are available for students who set up independent contracts with the Drama staff.

# Fine Arts-Visual Arts Courses

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**2.00 credits of Fine Arts (or 1.00 Fine Arts + 1.00 Personalized Pathway Requirement) are required for classes of 2019 and later.**

The Visual Arts courses and programs are a dynamic part of the school’s comprehensive curriculum. Students from beginners to advanced artists are served in the visual arts. Courses are designed for students interested in experimenting with materials and ideas, learning techniques and skills of the visual arts, and building self-expression and self-confidence. Full participation in an AP course includes submitting the arts portfolio, for which the experienced visual arts student will be prepared through the year.

## Ceramics

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9x12 sketch book or be comfortable in Notability

**Course Description:** You will experience the three major areas of ceramics: hand-building, wheel-thrown pottery, and surface resolution techniques. After introduction and completion of the hand building techniques of pinch, coil, and slab, future clay sculpture assignments will address theme and design concerns. Approximately 10% of your time will be spent on potter’s wheel techniques. Under-glazes and glazes, along with other surface decorating techniques, will be the primary focus for finishing all work. All projects will be your property. You will be required to maintain a journal which will contain information from class discussions and technical notes. You will create 6-8 pieces. Projects are graded on objective criteria and creative use of design and materials.

## Advanced Ceramics

Grade Level: .....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Ceramics  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9x12 sketch book or be comfortable in Notability

**Course Description:** This course will expand on previous hand building techniques, advanced potter’s wheel forms and advanced glaze application. You will complete larger assignments that focus on symbolism and theme. You will create sculptures from life and experiment with Raku. You will also plan, research and create a group project centered on a theme or construct a project of your choice. You will be required to maintain a journal which will contain information from class discussions and technical notes. You will also create and maintain a blog where all your work and your creative process will be published and documented. This course supports AP Studio 3D.

## Wheel Thrown Ceramics

Grade level: .....9, 10, 11, 12  
 Duration: .....1 semester/.5 credit  
 Recommended preparation: .....None  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9x12 sketch book or be comfortable in Notability

**Course Description:** You will experience a class that focuses around a specialized area of Ceramics: the pottery wheel. You will create basic thrown forms such as bowls, stacking bowls, cylinders for mugs, handle pulling, pot/vase forms, trimming, decorative rims, and shaping techniques. You will learn how to maintain a studio and how to load and use a kiln. This course also focuses on surface resolution techniques such as sgraffito and inlay, under glaze, and glazing. You will also plan and create sculptures using thrown pieces and hand-building techniques. You will be required to maintain a journal which will contain information from class discussions and technical notes. You will also create and maintain a blog where all your work and your creative process will be published and documented. This course supports AP Studio 3D.

## Advanced Wheel Thrown Ceramics

Grade level: .....9, 10, 11, 12  
 Duration: .....1 semester/.5 credit  
 Recommended preparation: .....Wheel Thrown Ceramics  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9x12 sketch book or be comfortable in Notability

**Course Description:** This course builds upon the knowledge gained in Wheel Thrown Ceramics. You will continue to perfect and advance in technique and form. You will build larger and more complex pieces built out of thrown parts like teapots, lidded vessels and sculptures built from thrown pieces that have a common theme. You will be required to maintain a journal which will contain information from class discussions and technical notes. You will also create and maintain a blog where all your work and your creative process will be published and documented. This course supports AP Studio 3D.

## Sculpture

Grade level: .....9, 10, 11, 12  
 Duration: .....1 semester/.5 credit  
 Recommended preparation: .....None  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9x12 sketch book or be comfortable in Notability

**Course Description:** This course will explore a variety of Sculptural techniques ranging from small scale sculptures built from recycled materials, linocut printmaking, mixed media and low relief, to mask making and Earthworks. You will build, carve, sculpt, and explore volume as it relates to form and space. You will be required to maintain a journal which will contain information from class discussions and technical notes. You will also create and maintain a blog where all your work and your creative process will be published and documented. This course supports AP Studio 3D.

## Advanced Sculpture

Grade level: .....9, 10, 11, 12  
 Duration: .....1 semester/.5 credit  
 Recommended preparation: .....Sculpture  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9x12 sketch book or be comfortable in Notability

**Course Description:** This course expands on the techniques learned in Sculpture and continues to rely on the use of theme. You will have the opportunity to create wearable sculptures, use additive and subtractive techniques, build larger scale projects, and work together to create sculptures that explore social, personal and interpersonal themes and relationships. You will continue to build, sculpt, and explore volume in a larger scale as it relates to form and space. You will be required to maintain a journal which will contain information from class discussions and technical notes. You will also create and maintain a blog where all your work and creative process will be published and documented. This course supports AP Studio 3D.

## Drawing and Painting

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9” x 12” sketch book

**Course Description:** In this course, students will be introduced to the elements of art and principles of design. Students will develop basic drawing and painting techniques and skills through landscape, portrait, still life, and theme-based projects. Each project requires students to sketch, research, and collect visual references. Each project emphasizes a particular medium, technique, and/or theme. Projects will be graded on objective criteria as well as creative use of visual elements and materials. Students will use presentation and communication skills during critique and discussion while they explore art history and use art vocabulary in their reflections and artist statements. Daily assignments are kept in a portfolio for review. Unit assignments are graded on objective criteria and on creative use of materials and concepts. Student work often is displayed throughout the school.

## Advanced Drawing and Painting

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....Drawing and Painting  
 Graduation Content Requirement: .....Fine Arts  
 Fees: .....\$35 materials fee; student must provide a 9” x 12” sketch book

**Course Description:** This is a more in depth focused course that provides an opportunity for students to expand on the Drawing and Painting course concepts. Emphasis is placed on experiences with design principles, drawing techniques and painting skills leading to the development of abilities that are necessary for advanced art courses. Students are given more in depth problems to solve creatively while becoming more adept through a broad exposure to various media. Student work often is displayed throughout the school.

## AP Studio Art-2D Design

Grade Level:..... 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Photography, Advanced Photography, and teacher permission  
 Graduation Content Requirement: ..... Fine Arts, CCR  
 Fees: .....\$45 materials fee; fee for AP portfolio, approximately \$97; student must provide a 9x12 sketch book

**Course Description:** This course will provide you with the opportunity to prepare three portfolios for 2D Design, as specified by the College Board. The three portfolios must meet the AP Studio Art 2-D Design requirements: Quality (5 actual works—your strongest prints), Concentration (12 images developed around a single theme), and Breadth (12 images demonstrating understanding of a variety of techniques, design issues, and elements of art). The course is intended for motivated, experienced photography students who are dedicated to the study of their art. This course requires significant time outside of school. You will be assessed on projects and participation in class critiques. Full participation in an AP Studio Art course includes an expectation that you will submit a portfolio for AP evaluation, for which you will be prepared throughout the year.

## AP Studio Art-3D Design

Grade Level:..... 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Beginning and Advanced courses in a specific 3-D medium  
 Graduation Content Requirement: ..... Fine Arts  
 Fees: .....\$45 materials fee; fee for AP portfolio, approximately \$97; student must provide a 9x12 sketch book

**Course Description:** This course will provide you with the opportunity to prepare the portfolio for 3D Studio, as specified by the College Board for assessment through the AP Program. The portfolio requires you show a fundamental competence and range of understanding in visual concerns and methods. This course is designed to enable you to demonstrate a depth of investigation and process of discovery; serious grounding in visual principles and material techniques; and synthesis of form, technique, and content. This course is intended for highly motivated, experienced art students with a passion for 3D design. Your work will require significant out-of-class time. You will be assessed on major projects done in and outside of class. You will also create and maintain a blog where all your work and creative process will be published and documented. Your portfolio will consist of at least 18 pieces that reflect the three areas of concern: breadth, or range, quality, and a concentration that focuses on a theme of your choice. Full participation in an AP Studio Art course includes an expectation that you will submit a portfolio in the spring for AP evaluation for which you will be prepared throughout the year.

## AP Studio Art Drawing

Grade Level:..... 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Drawing and Painting and Advanced Drawing and Painting  
 Graduation Content Requirement: ..... Fine Arts  
 Fees .....\$45 lab fee; fee for AP portfolio, approximately \$97; plus some optional materials and a 9”x12” sketch book

**Course Description:** This course is offered to the highly advanced art student and is equivalent to a one-semester college course in art. It is designed to enable you to demonstrate a depth of investigation and process of discovery; serious grounding in visual principles and material techniques; and synthesis of form, technique, and content. This course is intended for highly efficient and experienced art students, as your work will require significant out-of-class time. You will be assessed on major projects done in and outside of class. Your portfolio will consist of at least 25 works reflecting the three areas of concern in AP Studio Art Drawing: quality, concentration, and breadth. Participation in an AP Studio Art course includes an expectation that you will submit a portfolio for AP evaluation, for which you will be prepared throughout the year.

## Glass Art

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: ..... Fine Arts, CCR  
 Fees: .....\$45 materials fee; student must provide a 9”x12” sketch book

**Course Description:** In this course you will get an introduction to basic techniques used in glass fusing and slumping, mosaics, and enameling. Through first-hand experience, you will learn about the many possibilities of sheet and kiln-formed glass. You will explore the use of accessory glass, such as powders, frits, stringers, and metal foil to develop a unique look for your fused glass creations. Finished projects may include, but not be limited to, decorative plates and dishes, glassware, mosaics, jewelry, ornaments, coasters, and more. You will be assessed on class participation, quizzes, group critiques, and evaluation of your projects.

## Advanced Glass Art

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Glass Art  
 Graduation Content Requirement: ..... Fine Arts, CCR  
 Fees: .....\$45 materials fee; student must provide a 9”x12” sketch book

**Course Description:** This course builds on the skills and techniques developed in Glass Art. You will refine the techniques used in kiln glass fusing and slumping, mosaics, stained glass, and enameling. Additional processes will be introduced: glass painting, using powders and frits, and screen printing. You will develop a unique body of work that reflects your artistic voice combining elements and principles of design. You will be assessed on class participation, quizzes, group critiques, and evaluation of your projects.

## Graphic Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: ..... Fine Arts, CCR  
 Fees: .....\$35 materials fee; student must provide some optional materials

**Course Description:** This course introduces students to the principles of graphic design and visual communication. Emphasis will be placed on the design process, using methods, strategies, and techniques to create original student artwork. You will solve visual design problems through hand-drawing and various hand-crafted printing methods. Students will apply their knowledge of the elements and principles of design in order to strengthen their ability to visually communicate ideas. We will explore a basic knowledge of design techniques using various art materials and software programs such as Adobe Photoshop and Illustrator. Students will analyze artworks and learn about the origins of graphic design in the history of art. You will be exposed to a variety of disciplines within the Graphic Design field, including logo design, poster design, typography, packaging design, and illustration.

## Advanced Graphic Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Graphic Design  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$35 materials fee; student must provide some optional materials

**Course Description:** This course takes students to an advanced understanding of theory and concepts of visual communication used to present information or promote a message to a consumer driven market. Students must have an understanding of the elements and principles of design. Students will be able to apply basic skills learned in previous classes such as typography, image development, layout, scanning images, manipulating photographs, and creating digital artwork, to projects that will create comprehensive marketing plans for companies. Students will apply the understanding of Adobe Photoshop to take their digital designs to the next level and learn how to use other various Adobe Digital Graphic Design programs. Class projects may include logos, posters, brochures, billboards, flyers, websites, and packaging. Students will be assessed on their use of elements and principles of design, originality and workmanship, ability to assess customer needs, analysis of competitor approaches and technical proficiency in each project undertaken.

## Metal & Jewelry Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1-semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$35 materials fee; student must provide a 9” x 12” sketch book

**Course Description:** In this beginning jewelry course, you will be introduced to the elements and principles of design. Your progress will be based on sequential learning steps with emphasis on developing basic techniques and skills. As the course progresses, you will explore soldering, cold connecting, fabrication, enameling, casting, chain making, etching and other techniques, as time allows. You will create six to ten different projects. Each project requires you to plan, draw, and design before the piece is executed. Each project emphasizes a particular material, technique, or design problem. Projects will be graded on objective criteria as well as creative use of design elements and materials.

## Advanced Metal & Jewelry Design

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Metal and Jewelry Design  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$35 materials fee; student must provide a 9” x 12” sketch book

**Course Description:** This course will build on the skills and techniques developed in the Metal and Jewelry Design course. You will fabricate and design jewelry using gemology; metal-smithing and finishing; stone cutting and polishing; metal and non-metal casting and molding; metal coloring; enameling; lapidary techniques; and engraving, polishing, stone setting and soldering. You will gain an understanding of equipment and tool maintenance, redesign and restyling techniques, safety policies, and customer relations. You will be required to plan, draw, and design before executing a piece. All projects must include the following components: narrative, step-by-step directions, sketches and photos, safety and health list, leadership. Advanced students are encouraged to participate in the Passing of the Torch Contest, a state-wide contest which includes 3-D Jewelry designs and sculpture compositions.

## Digital Photography

**Imaging Foundations (DMA 103) at Bellevue College, or  
Image Editing 1 with Photoshop (MMDP 122) at Lake Washington Institute of Technology**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$25 fee for printing images  
 Special Credit Available..... CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** This course will introduce you to digital photography and Adobe Photoshop® techniques. You will learn camera operation, digital workflow, composition, Photoshop® skills, and industry standards for photography. Lessons include: understanding exposure, controlling depth of field and shutter speed, rules of composition, studio lighting, extreme angles, portraiture, macro, abstract art, critiques, and implementing the elements and principles of design to make compelling images. You also will begin to define your artistic voice as you develop a personal portfolio of work for Showcase.

## Advanced Digital Photography

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....Digital Photography  
 Graduation Content Requirement: .....Fine Arts, CCR  
 Fees: .....\$25 fee for printing images

**Course Description:** In this course you will acquire a high degree of proficiency in digital photography and Adobe Photoshop® techniques. You will develop your personal style as you create compelling images using composition, selective focus, and advanced Photoshop® techniques. You will hone your photography skills as you explore subtleties of natural and studio light, candid and posed portraits, product photography, and abstract art. You will learn to incorporate font into your images as a design element. You also will create a portfolio of personal work, participate in class critiques, display your work at Showcase, and potentially enter the Washington State High School Photography Competition.

## Yearbook

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Teacher permission  
 Graduation Content Requirement: .....CCR, Fine Arts  
 Fees: .....None

**Course Description:** The yearbook is produced by a team of students led by a faculty advisor. In this course you will write interview questions and interview students and staff, learn journalistic writing, photo journalism, design spreads in Adobe InDesign®, and meet real-world deadlines with our yearbook publishing company. You will learn digital workflow and the publishing process. There is a heavy emphasis on technology, as computer skills are an integral part of yearbook publishing. You will be assigned to a production team for multiple sections of the yearbook. With your team and under the supervision of the editors and the advisor, you will write copy, take photographs, and design layouts for pages. You will have opportunities for leadership roles, such as editor, junior editor, writing editor, photography editor, and team lead. The school’s yearbook is the final product.

# Physical Education Courses

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**A minimum of 1.50 credits of Physical Education are needed for graduation.**

**In order to meet your Physical Education graduation requirement, you must complete at least one semester in a regular physical education class at Mercer Island High School.**

The Physical Education courses at MIHS are designed to give students the opportunity to participate in a variety of enjoyable physical activities in order to improve physical awareness and fitness and to strengthen personal and athletic performance goals. All courses in Physical Education are co-educational.

For PE classes, each student is required to comply with the Dress Code and to participate every class day.

## **Dress Code for Physical Education Classes:**

- Each student is required to dress in shorts, shirt, sweat socks, and athletic shoes appropriate for the activity and playing surface.
- Sweat pants and sweat shirts are recommended for outdoor activities.
- Shorts, shirts, and sweat pants worn for PE class are not to be worn to other classes.
- Jewelry and watches may not be worn during PE class.

## **Grading in Physical Education Classes:**

Students will be graded on the quality of effort and safety practices they demonstrate in Physical Education classes. Grades are based on effort, attitude, sportsmanship, cooperation, attention, and preparedness. Daily participation grades are assigned, and students also will be graded on tests, quizzes, written work, and demonstrated skill level.

## **Basketball**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Physical Education  
 Fees: .....None

**Course Description:** This is a comprehensive learning experience in basketball for students of all skill levels. No prior basketball experience is necessary. You will focus on skill development and set goals for improvement. During the semester, you will play on various teams within your class. Each team will develop its own offensive and defensive playbooks and examine strategies of the game. You will learn proper application of the rules of the game, and you will understand strategies and conditioning from a variety of perspectives, including those of coaches, players, and referees.

## **Net Sports (formerly PE Core)**

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Physical Education  
 Fees: .....None

**Course Description:** In this course, you will participate in units that may include, but are not limited to, badminton, pickle ball, table tennis, volleyball, indoor soccer, and floor hockey. Additional activities may include ultimate Frisbee, disc golf, bocce ball, and fitness training. The emphasis is on understanding that most net sports can be lifetime activities and have positive fitness components.

## Advanced Net Sports (formerly Net Sports)

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Physical Education  
 Fees: .....None

**Course Description:** This advanced net sports course is designed for students who have experience with the basic skills of Net Sports. The course will provide you with the opportunity to master and be tested on the rules of a variety of net sports, enhance your skills, study a variety of strategies, and compete in class tournaments. An emphasis is placed on understanding that most net sports can be lifetime activities and have positive fitness components. Net sports that may be included are: tennis, badminton, volleyball, pickle ball, table tennis, indoor soccer, and floor hockey. This course may be repeated for credit.

## Personal Fitness

Grade Level:.....10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Physical Education  
 Fees: .....None

**Course Description:** This course is designed to help you increase your strength, agility, and total body fitness through weight training and a variety of team games. In weight training, the emphasis is on correct lifting techniques and spotting procedures.

## Walking for Fitness

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Physical Education  
 Fees: .....None

**Course Description:** In this course, you will improve your personal fitness through various walking activities, including, but not limited to, neighborhood walks, power walking, hiking, orienteering, geocaching, capture-the-flag, disc golf, lawn bowling, and bocce ball. Emphasis will be placed on monitoring your steps on a daily, weekly, and monthly basis. You will develop a semester-long fitness plan which will include elements of physical fitness, nutrition, healthful sleep pattern, and stress reduction.

## Yoga

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Physical Education  
 Fees: .....Student must provide a mat and a blanket

**Course Description:** Yoga is an integrated approach to the health of body and mind. Through a combination of breathing techniques, postures, and movement, you will develop strength, flexibility, stamina, focus, and balance. Benefits from a consistent yoga practice include increased vitality, improved circulation, and the ability to handle stress.

## Alternatives to Meet Graduation Requirement:

WAC 180-51-085 states that any student excused from Physical Education pursuant to RCW 28A-230-250 shall be required to substitute equivalency credits in accordance with policies of boards of directors of school districts. Such established Physical Education equivalencies are to be fulfilled by Directed Athletics (1 sport = .5 PE credit; 1 credit limit). Three semesters of Physical Education credit are required for graduation.

### Directed Athletics

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: ..... 1 sports season/.5 credit equivalency  
 Prerequisite: .....Qualification for the school team  
 Graduation Content Requirement: .....PE  
 Fees: .....\$70 ASB card fee and \$205 athletic participation fee (fees subject to change)

**Course Description:** A student who fully participates in the MIHS supervised competitive sports program may become eligible to receive PE credit equivalency toward the 1.5 PE credit required for graduation. Documentation of full participation is verified by the Head Coach and the Athletic Director. 1 sport/season = .5 credit equivalency; maximum 2 sports/seasons). Grade is Pass/No Credit.

## Health Education

### Image

#### Wellness for Healthcare (HLTH145) at Bellevue College

Grade Level:.....9, 10  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Health Education, CCR  
 Fees: .....None  
 Special Credit Available:.....CTE Dual Credit available, based on course grade and registration; fee may apply, approximately \$49

**Course Description:** In this course, you will gain practical knowledge in mental, emotional, and physical health. Some of the units of study include violence, intimidation, and bullying; communication skills; healthy coping techniques; nutrition; fitness; human sexuality; and substance abuse. You will complete a research project on a disease of your choice. You will become trained and certified in CPR.

### Personal and Family Relationships

Grade Level:.....11, 12  
 Duration/Credit: ..... 1 semester/.5 credit  
 Recommended Preparation: .....None  
 Graduation Content Requirement: .....Health Education, CCR  
 Fees: .....None

**Course Description:** This course is preparation for an independent lifestyle and is a health education class that covers issues relevant to 11th and 12th graders. You will learn about stress management, financial health, nutrition, food and fitness, communication skills, human sexuality, drugs and alcohol issues, social problems, and personal health concerns. The psychology of self and relations with others will be emphasized. Other topics may include issues dictated by students’ needs. You will become trained and certified in CPR. You will have the opportunity to learn from outstanding professionals and community members.

# Special Education Courses

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Special education is a service provided to eligible students who have an identified need for specially-designed instruction in one of the following areas: reading, writing, math, study/organization, adaptive skills, social/emotional skills, behavior, motor coordination, communication, and transition. The faculty and staff of the Special Education Department are dedicated to providing instruction based on Individual Education Plans. Teachers maintain high expectations for all students, anticipating they are preparing for rigorous, individualized post-secondary goals. Instruction is aligned with individual student goals and addresses strategies for learning. Students will learn to articulate their special learning needs and to self-advocate in their general education classes.

Each student and his/her parent are members of the student’s IEP team, which also includes a special education teacher/case manager, a transition coordinator, general education teachers, a counselor, and an administrator.

**The IEP team determines the courses that are appropriate for the student to meet the needs/goals identified in his/her IEP.**

The courses listed below are available to students who meet state eligibility criteria for special education. Classes are assigned based on each student’s Individualized Education Plan (IEP). These courses are not college preparatory classes and do not meet four-year college/university admission criteria, nor are they part of an NCAA core. However, they meet the requirements for high school graduation and will help prepare students for their chosen post-secondary paths.

## Resource Class

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Eligibility: .....Special education eligibility  
 Graduation Content Requirement: ..... Elective  
 Fees: .....None

**Course Description:** This course is designed for the high school student on an Individualized Education Program (IEP). Teachers deliver specially-designed instruction, not study time or homework support. Specially-designed instruction is determined by a student’s individual IEP goals in the areas that apply: reading, writing, math, study/organization, social/emotional, or behavior. The focus of this class is instruction and practice in each of the individual goal areas. Students work according to instructional minutes assigned to each qualifying goal area and identified in the IEP. In this course, you will use a variety of available resources to plan and organize, and to participate in the development of your own IEP, the annual IEP meeting, and age-appropriate transition activities. You will develop systems to monitor your progress and learn self-advocacy skills. (Some students may have more than one Resource Class in order to meet the goals identified in the IEP.)

## English Foundations

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Eligibility: .....Special education eligibility and teacher permission  
 Graduation Content Requirement: .....English  
 Fees: .....None

**Course Description:** This course meets the high school English requirement, not the four-year college or NCAA entrance requirements. It is designed for students on the pathway to an IEP-driven diploma. Placement and articulation of goals is determined by the IEP team. Students will be assessed on a variety of skills including participation, organization, work completion, and advancement in reading and writing. Students enter this class able to write a cohesive series of sentences in response to a prompt and able to work independently. They demonstrate strong listening skills, an ability to sustain focus, and reading/listening comprehension at or near 6th grade level.

## Writing and Literature Foundations

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Eligibility: .....Special education eligibility  
 Graduation Content Requirement: .....English  
 Fees: .....None

**Course Description:** This course meets the high school English requirement, not the four-year college or NCAA entrance requirements. The goal of the course is to improve reading and written language skills as identified in your IEP. Placement and articulation of goals are determined by the IEP team. Grading is assessment-based. Students enter this class able to write a paragraph with text-based evidence, emerging skills in literary analysis, and reading/listening comprehension within three years of grade level. They demonstrate strong listening skills and an ability to sustain focus. The reading list, grammar activities, and vocabulary are at high school level. This class replaces a general education English class. Instruction parallels the general education curriculum with modifications to rigor and pacing. You will experience a variety of classic, Shakespearean, and contemporary works of literature as the basis of instruction. You will receive daily specially-designed instruction in reading and writing. Daily assignments are directed toward achieving goals identified on the IEP.

## Math Foundations

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Eligibility: .....Special education eligibility  
 Graduation Content Requirement: .....Mathematics  
 Fees: .....None

**Course Description:** This course meets the high school math requirement, not the four-year college or NCAA entrance requirements. This course provides an alternative means to achieve a math credit for students whose math skills are at or near 6th grade level. You will work on curriculum that focuses on building blocks to the general education math curriculum. Topics learned are determined on an individual basis and support the goals identified on your IEP. In this course, you are expected to be able to manage time, to move through a general education space without causing a disturbance, and to access practice materials using technology.

## Personalized Learning Program

Grade Level:..... 9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Eligibility: .....Special education eligibility  
 Graduation Content Requirement: .....Elective  
 Fees: .....None

**Course Description:** This course is for students with moderate to severe developmental disabilities who receive intensive instruction focusing on functional academics, life skills, work-related social skills and behaviors, and in-school and community vocational experiences. The goal for the program is independent living and meaningful employment. Students participate in school-wide activities, general education electives, and academic classes as appropriate. Each program is individualized according to the student’s interests, preferences, and abilities. Students who participate in this program will be instructed in activities which develop the following skills:

- Social Skills, including but not limited to, friendships, personal safety, communication, self-advocacy, managing the high school social environment;
- Behavior Skills, including but not limited to, self-regulation, understanding and managing emotions, self-management;
- Adaptive Skills, including but not limited to, personal hygiene, job skills, home living skills, mobility training, organizational skills, independence, health and wellness;
- Academic Skills including functional language, reading, and math skills. Scope is based on the present level of performance of the students; sequence is based on each student’s Individualized Education Plan (IEP).

## Adult Transition Program

Grade Level:.....Post-High School, ages 18-21  
 Eligibility: .....Special education eligibility  
 Fees: .....None

**Course Description:** This course is for students with moderate to severe disabilities who are between the ages of 18 and 21. They did not collect their general education diploma upon graduation and are entitled to continue attending the Mercer Island School District. Students will be given job skills training as well as continued instruction in life skills necessary for independent living. They will be placed in a variety of community employment settings where their work skills may be applied and assessed for future employment. Linkages with adult service agencies to ensure a smooth transition from school to work are an important focus of this program.

## Compass Program

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/ 1 credit  
 Eligibility: .....Special education eligibility  
 Graduation Content Requirement: .....Math, English, SS, Elective  
 Fees: .....None

**Program Description:** The Compass Program is a Special Education; K-12 therapeutic program for students with emotional and behavioral concerns whose behavior prevents them from accessing their education. Compass provides intensive behavior support and interventions to students in general and special education settings. Staff in the program are highly trained and experienced in working with children and youth who have emotional and behavioral concerns. Individualized learning objectives for this program align with students’ IEP goals and objectives. All students in the Compass program participate in at least one community class (Social Skills - see below).

**Required Course - Social Skills:** The social skills class is designed to provide students with the opportunity to receive direct social skill instruction and to practice skills needed to be successful in general education. Social skills instruction is provided 1:1 and in small groups or individually. Lessons and IEP goals focus on the following skills: engaging in pro-social interactions, increasing opportunities for social interaction with supportive peers and staff members, learning problem solving skills and exploring and improving transition skills related to the areas of post-secondary education. This course is required for all Compass students unless otherwise determined by a student’s IEP team.

Students in the Compass program have additional opportunities to earn course credits through the following methods:

### Optional Courses - Determined by Compass student’s course of study:

- **Elective credit**  
 Students in compass can earn elective credits while receiving specially designed instruction from program staff
- **Online courses**  
 Students who access online courses may access courses that meet graduation and 4 year university requirements
- **General education credit**  
 See content area courses. Some Compass students enroll in a combination of special education and general education courses.
- **Alternative Learning Opportunities (ALO)**  
 Independent study







## Resource Class

Grade Level:.....	9, 10, 11, 12
Duration/Credit: .....	2 semesters/1 credit
Eligibility: .....	Special education eligibility
Graduation Content Requirement: .....	Elective
Fees: .....	None

**Course Description:** This course is designed for the high school student on an Individualized Education Program (IEP). Teachers deliver specially-designed instruction, not study time or homework support. Specially-designed instruction is determined by a student’s individual IEP goals in the areas that apply: reading, writing, math, study/organization, social/emotional, or behavior. The focus of this class is instruction and practice in each of the individual goal areas. Students work according to instructional minutes assigned to each qualifying goal area and identified in the IEP. In this course, you will use a variety of available resources to plan and organize, and to participate in the development of your own IEP, the annual IEP meeting, and age-appropriate transition activities. You will develop systems to monitor your progress and learn self-advocacy skills. (Some students may have more than one Resource Class in order to meet the goals identified in the IEP.)

**Other course offerings at Crest may include, but are not limited to:**

### Art

This course uses a variety of approaches to the elements and principles of visual art and music. Through the use of a variety of media, you will explore line, shading, color, contrast, sketching, sculpting, tempo, and rhythm. Visiting artists frequently provide specialized instruction and alternative views on artistic themes. You also will take field trips to explore art beyond the classroom.

### Online Course Options

MIHS students have access to a variety of online courses that meet individual academic needs and expand learning opportunities. These courses are available through Fuel Education, APEX Learning, and Spokane Virtual Learning. Course information will be published on the Crest Learning Center website at [www.mercerislandschools.org/online](http://www.mercerislandschools.org/online). Students may take online courses in response to scheduling issues, to access courses not available at MIHS, or to recover credit for previously unsuccessful course attempts. In order to qualify for an Online Course Option, a student must have a free period in the day and must meet with a teacher/monitor at least once a week. Students must apply for online courses through the Counseling Center. Applications can be found in the Counseling Center, at Crest Learning Center, and at: [www.mercerislandschools.org/online](http://www.mercerislandschools.org/online).

### Independent Study

#### Alternative Learning Experience (ALE)

Some courses can be taken on the basis of a contract or an Alternative Learning Experience plan. The teacher, in collaboration with the student, determines course curriculum. These courses require a weekly meeting with the assigned teacher to discuss progress, explore questions, and plan assignments for the following week. A minimum of eighty hours of documented study time and completion of assigned course work are required to gain .5 credit. Typically, Independent Study courses are more difficult than in-school classes because they require that you are self-motivated and well-disciplined for study. Students must inquire about Independent Study through their MIHS counselors.

### Math Lab

This course is a one-on one or small group assistance course for MIHS and CREST students who need to take a course in or need individual assistance in math, particularly Algebra 1 or Geometry. Courses taught by other MIHS math teachers or online independent math courses can be supported in a small group setting with a qualified math teacher.

# Non-Departmental Offerings

## Leadership

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....2 semesters/1 credit  
 Recommended Preparation: .....Election to ASB or class office, or appointment to representative position  
 Graduation Content Requirement: .....Elective  
 Fees: .....None

*Workshops and seminars may be available to students; students pay registration fees for these events.*

**Course Description:** In this class you will work to identify and develop your leadership and communication strengths, styles, and values. In addition, you will benefit from the course emphasis on working cooperatively with others. You will participate in preparation and implementation of various ASB activities and events, such as assemblies, partner projects, and inter-high conferences. You will be assessed based on attendance and participation in classroom activities and also on class projects. Students who are elected to ASB and class offices are required to take Leadership all year. Students not elected as ASB officers may apply to take Leadership but must receive teacher approval.

## Peer Mentor Program

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....Teacher permission  
 Graduation Content Requirement: .....Elective  
 Fees: .....None

**Course Description:** In the Peer Mentor Program you will participate in a variety of activities with students in the Personalized Learning Program (PLP) at MIHS. The activities might include attending electives, assisting in the practice of academic skills, and engaging in social skills and joint leisure activities. Mentors may be asked to join their peers for lunch or in an elective or PLP class. PLP teachers and trained paraprofessionals will guide mentors to be responsive to individual student needs and program goals. One aim of the peer mentor’s work is to help the PLP student increase his/her independence and participation in the full school community. Mentors play the roles of companion, role model, and motivator. The concepts of diversity, leadership, communication, and problem-solving will be addressed through mini-lessons and a final reflection paper.

## Teacher Assistant

Grade Level:.....9, 10, 11, 12  
 Duration/Credit: .....1 semester/.5 credit  
 Recommended Preparation: .....Teacher permission  
 Graduation Content Requirement: .....Elective  
 Fees: .....None

**Course Description:** As a Teacher Assistant (or Office Assistant), you will be giving unique service to your school community. By supporting the work of teachers or other staff in the daily functioning of the classroom or doing work in support-service areas and offices at the school, you will contribute to the mission of the school community. Through your work, you may have the opportunity to gain office and clerical skills, enhance knowledge in a subject area, promote a school program, learn more about teaching/tutoring, and gain workplace skills. You will be expected to fulfill the expectations set by the teacher, support staff, or office for whom you are working. Grading is Pass/Fail. Assessment will be based on daily attendance and work performed.

# Appendix

## MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS

Some courses listed do not run in every academic year.

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
<b>English</b>			
English 9	9	None	English
English 9 Honors	9	English 8	English
English 9 [Integrated w/ Business Comm]	9	None	English
English 9 Honors [Integrated w/ Business Comm]	9	English 8	English
English 10	10	None	English
English 10 Honors	10	English 9 Honors	English
World Studies/World Literature [Integrated w/ Modern World History]	10	None	English
World Studies/World Literature Honors [Integrated w/ Modern World History Honors]	10	English 9 Honors, Early Civilizations	English
American Studies/American Literature [Integrated with US History]	11	None	English
American Studies/AP English Language & Comp. [Integrated w/AP US History]	11	English 10 Honors or World Studies Honors	English
AP English Language	11	English 10 Honors	English
English 12	12	None	English
English 12/Film as Literature	12	None	English
English 12 Honors [Integrated w/ AP Comparative Government]	12	American Studies or American Studies/AP	English
AP Literature & Composition	12	American Studies or American Studies/AP	English
English Language Learners Communications	9,10,11,12	Qualify through testing	Elective
Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
<b>Mathematics</b>			
Algebra E1/E2 (formerly Algebra P/A1)	9	Teacher Recommendation	Mathematics
Algebra 1	9,10	Credit for Pre-Algebra	Mathematics
Algebra E3/E4 (formerly Algebra B1/Geometry P)	10	Algebra E1/E2 or teacher recommendation	Mathematics
Geometry 1	9,10,11	Algebra 1 (1 full year)	Mathematics
Honors Geometry	9,10	Algebra 1 (1 full year)	Mathematics
Algebra 2	10,11,12	Geometry (1 full year)	Mathematics
Honors Algebra 2	9,10,11	Geometry (1 full year)	Mathematics
Algebra 3/Trigonometry	12	Algebra 2 (1 full year)	Mathematics
Precalculus	11,12	Algebra 2 (1 full year)	Mathematics
Honors Precalculus	11,12	Algebra 2 H (1 full year)	Mathematics
Intro to Calculus	12	Precalculus (1 full year)	Mathematics
AP Calculus-AB	11,12	Precalculus (1 full year)	Mathematics
Advanced Calculus	12	AP Calculus AB (1 full year)	Mathematics
AP Statistics	12	Algebra 2 (1 full year)	Mathematics, CCR

CCR = College and Career Readiness

**MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS**

Some courses listed do not run in every academic year.

<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>Science</b>			
Horticulture	9,10,11,12	None	Lab Science, CCR
Chemistry 1/Physics 1	9	None	Lab Science
Chemistry 1 Honors/Physics 1 Honors	9	Algebra 1	Lab Science
Biology	10	Chem 1/Phys 1 [or H]	Lab Science
Chemistry 2/Physics 2	11,12	Chem 1/Phys 1, Algebra 1, Biology	Lab Science
Chemistry 2 Honors/Physics 2 Honors	11,12	Chem 1/Phys 1, Geometry, Biology (or concurrent)	Lab Science
Earth and Space Sciences	11,12	Chem 1/Phys 1, Biology	Lab Science
Biotechnology - Research and Ethics	11,12	Chem 1/Phys 1, Biology	Lab Science, CCR
Materials Science	11,12	Chem 1/Phys 1, Biology	Lab Science, CCR
AP Biology	11,12	Biology, Chemistry (1 yr)	Lab Science
AP Chemistry	11,12	Biology, Chemistry (1 yr), Algebra 2 (or concurrent)	Lab Science
AP Environmental Science	11,12	Biology, Chemistry 1	Lab Science, CCR
AP Physics 2	11,12	Physics (1 yr), Algebra 2	Lab Science
AP Physics C/Mechanics	11,12	Physics (1 yr), Calculus (or concurrent)	Lab Science
<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>Social Studies</b>			
Washington State History/Government	9,10,11,12	None	WA State History
Early Civilizations [Semester]	9	None	Social Studies Elective
Early Civilizations [Year Long]	9	None	Social Studies Elective
Modern World History	10	None	SS Elective, Cont Issues (through class of 2021) SS Elective (class of 2022 and later)
Modern World History Honors	10	Early Civilizations	SS Elective, Cont Issues (through class of 2021) SS Elective (class of 2022 and later)
World Studies/Modern World History [Integrated w/World Literature]	10	None	SS Elective, Cont Issues (through class of 2021) SS Elective (class of 2022 and later)
World Studies/Modern World History Honors [Integrated w/ World Literature Honors]	10	Early Civilizations	SS Elective, Cont Issues (through class of 2021) SS Elective (class of 2022 and later)
American Studies/US History [Integrated w/American Literature]	11	None	US History

continued...

**MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS**

Some courses listed do not run in every academic year.

<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>Social Studies continued</b>			
American Studies/AP US History Integrated w/ American Studies/AP1	11	English 10 Honors or World Studies Honors	US History
AP US History	11	English 10 Honors	US History
AP Comparative Government and Politics	12	American Studies/AP	Cont Issues, Civics
Civics	12	None	Civics, Cont Issues
Humanities: Social Studies 12 Honors	12	American Studies/AP	Cont Issues, Civics
International Studies	12	None	Contemporary Issues
AP Macroeconomics	11,12	None	Cont Issues, CCR
International Entrepreneurship	11,12	Microeconomics or Macroeconomics	Cont Issues, Civics, CCR (through class of 2021) CCR, Cont Issues, 2022 & later

CCR = College and Career Readiness

<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>World Language</b>			
French 1	9,10,11,12	None	World Language
French 2	9,10,11,12	French 1**	World Language
French 3	10,11,12	French 2	World Language
French 4	11,12	French 3	World Language
AP French Language and Culture	11,12	French 3 or French 4	World Language
Mandarin Chinese 1	9,10,11,12	None	World Language
Mandarin Chinese 2	9,10,11,12	Chinese 1**	World Language
Mandarin Chinese 3	9,10,11,12	Chinese 2	World Language
UWHS Chinese 103	10,11,12	Chinese 3	World Language
AP Mandarin Chinese Language & Culture	11,12	Chinese 4	World Language
Spanish 1	9,10,11,12	None	World Language
Spanish 2	9,10,11,12	Spanish 1**	World Language
Spanish 3	9,10,11,12	Spanish 2	World Language
AP Spanish Language and Culture	11,12	Spanish 103 or Spanish 201	World Language
UWHS Spanish 103	10,11,12	Spanish 3	World Language
UWHS Spanish 201	10,11,12	Spanish 103 or Spanish 3 (with teacher permission)	World Language
**IMS students qualify for level 2 with 5 trimesters of level 1 in grades 7 and 8.			

**MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS**

Some courses listed do not run in every academic year.

<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>College and Career Readiness</b>			
<b>Business</b>			
Accounting & Finance	9,10,11,12	Algebra 1	CCR
Business and Personal Law	10,11,12	None	CCR
Business Communications [Integrated with English 9 & English 9 H]	9	None	CCR
Personal Finance	10,11,12	Algebra 1	CCR, Special math in grade 12
AP Macroeconomics	11,12	None	CCR, Contemporary Issues
AP Microeconomics	11,12	None	CCR
<b>Marketing</b>			
Marketing [DECA]	10,11,12	None	CCR
Advanced Marketing	11,12	Marketing	CCR
International Entrepreneurship	11,12	1 Business course or Micro/Macroeconomics, teacher permission, interview	Cont Issues, Civics, CCR (through class of 2021) CCR, Cont Issues 2022 & later
Retail Store Management	10,11,12	Marketing and teacher permission	CCR

*CCR = College and Career Readiness*

**MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS**

Some courses listed do not run in every academic year.

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
<b>College and Career Readiness</b>			
<b>Health and Professional Sciences</b>			
Image	9, 10	None	Health, CCR
Personal and Family Relationships	11,12	None	Health, CCR
AP Psychology	11,12	None	CCR
Horticulture	9,10,11,12	None	CCR, Lab Science
Biotechnology - Research and Ethics	11,12	Chem 1/Phys 1, Biology	Lab Science, CCR
AP Environmental Science	11,12	Biology, Chemistry 1	Lab Science, CCR
Materials Science	11,12	Chem 1/Phys 1, Biology	Lab Science, CCR
<b>Media and Broadcasting</b>			
Video Arts	9,10,11,12	None	CCR
Radio Broadcasting and Technology	9,10,11,12	None	CCR
Adv. Radio Broadcasting and Technology	10,11,12	Radio Broadcasting and teacher permission	CCR
<b>Technology</b>			
Apps for Mobile Devices	9,10,11,12	None	CCR
Advanced Apps for Mobile Devices	9,10,11,12	Apps for Mobile Devices and teacher permission	CCR
Engineering Tech. 1/Digital Sculpture	9,10,11,12	None	CCR
Engineering Technology 2	9,10,11,12	Engineering Tech 1	CCR
Introduction to Robotics	9,10,11,12	Algebra 1, Physics 1	CCR, Special math in grade 12
Advanced Robotics	10,11,12	Intro to Robotics	CCR
<b>Information Technology</b>			
UWHS Computer Science Principles	9,10,11,12	Geometry (or concurrent)	CCR
AP Computer Science A	10,11,12	Algebra 1	CCR, Special math in grade 12
Music Technology	9,10,11,12	None	CCR, Fine Arts
Advanced Music Technology	10,11,12	Music Technology	CCR, Fine Arts
Computer Programming and Game Design	9,10,11,12	None	CCR
AP Statistics	11,12	Algebra 2 (1 full year)	Mathematics, CCR

<b>Visual Arts and Publications</b>			
Glass Art	9,10,11,12	None	Fine Arts, CCR
Advanced Glass Art	9,10,11,12	Glass Art	Fine Arts, CCR
Graphic Design	9,10,11,12	None	Fine Arts, CCR
Advanced Graphic Design	9,10,11,12	Graphic Design	Fine Arts, CCR
Metal and Jewelry Design	9,10,11,12	None	Fine Arts, CCR
Advanced Metal and Jewelry Design	9,10,11,12	Metal and Jewelry Design	Fine Arts, CCR
Digital Photography	9,10,11,12	None	Fine Arts, CCR
Advanced Digital Photography	9,10,11,12	Digital Photo	Fine Arts, CCR
AP Studio Art 2D Design	11,12	Digital Photo, Adv. Digital Photo, and teacher permission	Fine Arts, CCR
Journalism	9,10,11,12	None	CCR
Advanced Journalism	10,11,12	Journalism and teacher permission	CCR
Yearbook	9,10,11,12	Teacher permission	CCR, Fine Arts

CCR = College and Career Readiness

**MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS**

Some courses listed do not run in every academic year.

<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>Fine Arts/Performing Arts</b>			
Beginning Acoustical Guitar	9,10,11,12	None	Fine Arts
Advanced Acoustical Guitar	10,11,12	Beginning Acoustical Guitar (1 full year)	Fine Arts
Bel Canto Choir	9,10,11,12	Interest in singing	Fine Arts
Jazz Choir	10,11,12	Audition, Bel Canto Choir (1 full year)	Fine Arts
Concert Band	9	Previous music experience	Fine Arts
Symphonic Band/Wind Symphony/Wind Ensemble	10,11,12	Teacher permission	Fine Arts
Instrumental Techniques [Percussion Class]	10,11,12	Previous music experience	Fine Arts
Jazz Ensemble	9,10,11,12	Audition and concurrent enrollment in Band	Fine Arts
Music Technology	9,10,11,12	None	CCR, Fine Arts
Advanced Music Technology	10,11,12	Music Technology	CCR, Fine Arts
Philharmonic Orchestra	9	Proficiency on an orchestral string instrument	Fine Arts
Symphonic Orchestra	10,11,12	Proficiency on an orchestral string instrument	Fine Arts
Steel Band	9,10,11,12	None	Fine Arts
Advanced Steel Band	10,11,12	Steel Band (1 full year) or teacher permission	Fine Arts
Drama Improv	9,10,11,12	None	Fine Arts
Drama 1: Actor's Studio	9,10,11,12	None	Fine Arts
Drama 2: Advanced Drama	10,11,12	Audition or teacher permission	Fine Arts
Technical Theatre Production	9,10,11,12	None	Fine Arts

CCR = College and Career Readiness

**MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS**

Some courses listed do not run in every academic year.

<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>Fine Arts/Visual Arts</b>			
Ceramics	9,10,11,12	None	Fine Arts
Advanced Ceramics	9,10,11,12	Ceramics	Fine Arts
Wheel Thrown Ceramics	9, 10,11,12	None	Fine Arts
Advanced Wheel Thrown Ceramics	9, 10,11,12	Wheel Thrown Ceramics	Fine Arts
Sculpture	9, 10,11,12	None	Fine Arts
Advanced Sculpture	9, 10,11,12	Sculpture	Fine Arts
Drawing and Painting	9,10,11,12	None	Fine Arts
Advanced Drawing and Painting	9,10,11,12	Drawing and Painting	Fine Arts
AP Studio Art 2-D Design	11,12	Dig Photo, Adv Dig Photo, and teacher permission	Fine Arts, CCR
AP Studio Art 3-D Design	11,12	Advanced courses in a specific medium and teacher permission	Fine Arts
AP Studio Art Drawing	11,12	Advanced courses in a specific medium and teacher permission	Fine Arts
Glass Art	9,10,11,12	None	Fine Arts, CCR
Advanced Glass Art	9,10,11,12	Glass Art	Fine Arts, CCR
Graphic Design	9,10,11,12	None	Fine Arts, CCR
Advanced Graphic Design	9,10,11,12	Graphic Design	Fine Arts, CCR
Metal and Jewelry Design	9,10,11,12	None	Fine Arts, CCR
Advanced Metal and Jewelry Design	9,10,11,12	Metal Jewelry Design	Fine Arts, CCR
Digital Photography	9,10,11,12	None	Fine Arts, CCR
Advanced Digital Photography	9,10,11,12	Digital Photo	Fine Arts, CCR
Yearbook	9,10,11,12	Teacher permission	Fine Arts, CCR
<b>Courses</b>	<b>Target Grade(s)</b>	<b>Recommended Preparation (Complete this first)</b>	<b>Credit Type (Equivalency)</b>
<b>Physical Education</b>			
Basketball	9,10,11,12	None	PE
Net Sports (formerly PE/Core)	9,10,11,12	None	PE
Adv. Net Sports (formerly Net Sports)	9,10,11,12	None	PE
Personal Fitness	10,11,12	None	PE
Walking for Fitness	9,10,11,12	None	PE
Yoga	9,10,11,12	None	PE
Directed Athletics	9,10,11,12	Qualification for the School Team	PE/Directed Athletics
Image	9, 10	None	Health, CCR
Personal and Family Relationships	11,12	None	Health, CCR

*CCR = College and Career Readiness*

**MERCER ISLAND HIGH SCHOOL COURSE OFFERINGS**

Some courses listed do not run in every academic year.

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
<b>Crest Learning Center</b>			
English 9/Business Communications	9	None	English & CCR
English 10/Modern World History	10	None	Eng & Mod Wld Hist
English 11/US History	11	None	Eng & US History
English 12/Senior Social Studies	12	None	Eng & Civics & Cont World Issues
Creative Writing	9,10,11,12	None	English
Horticulture	9,10,11,12	None	Lab Sci, CCR
Math Strands	11,12	Algebra 1 & Geometry	Elective
Career Readiness	11,12	None	CCR

*CCR = College and Career Readiness*

**Course Equivalencies**

Based on the list below, some courses allow the option to fulfill more than one graduation requirement with one class. Credit will only be given in one area, but graduation requirements may be met in both. Please contact your academic counselor with questions about this option.

**Course Equivalency List**

AP Macro Economics .....	Cont World Issues, CCR
Music Technology .....	Fine Arts, CCR
Metal & Jewelry Design (Beg. & Adv.).....	Fine Arts, CCR
Graphic Design (Beg. & Adv.).....	Fine Arts, CCR
Digital Photography (Beg. & Adv.) .....	Fine Arts, CCR
AP Studio Art 2D .....	Fine Arts, CCR
Yearbook .....	Fine Arts, CCR
Glass Art (Beg. & Adv.).....	Fine Arts, CCR
Image .....	Health, CCR
Personal Family Relations.....	Health, CCR
International Entrepreneurship .....	CCR, Cont World Issues, Civics (classes of 2019-2021 only) CCR, Cont World Issues (class of 2022 and after)
Introduction to Robotics.....	Math 3rd year, CCR
AP Computer Science .....	Math 3rd year, CCR
Personal Finance.....	Math 3 <sup>rd</sup> year ½ semester or CCR
Biotechnology .....	Science, CCR
Horticulture (Crest).....	Science, CCR
Materials Science.....	Science, CCR
AP Environmental Science.....	Science, CCR



## Comprehensive or Annual Nondiscrimination Statement: Declaración completa de no discriminación:

### 年度综合非歧视声明:

The Mercer Island 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, marital status, 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 Mercer Island School District offers classes in many College and Career Readiness Programs, admission to which is non-discriminatory. Lack of English-language proficiency will not be a barrier to admission and participation in those programs.

El Distrito Escolar de Mercer Island no discrimina en los programas o actividades en base a sexo, raza, credo, religión, color, origen nacional, edad, veterano o estado militar, orientación sexual, expresión o identidad sexual, estado civil, discapacidad, o el uso de un perro guía entrenado o animal de servicio y proporciona un acceso igualitario a los Boy Scouts y otros grupos de jóvenes designados. El Distrito Escolar de Mercer Island ofrece clases en muchos programas de preparación para la universidad y carreras, la admisión a dichos programas no es discriminatoria. La falta de dominio del idioma Inglés no será un obstáculo para la admisión y participación en esos programas.

默瑟岛学区，在学区的项目或活动中，保障任何人不得因性别、种族、信仰、宗教、肤色、原国籍、年龄、退伍军人及军人身份、性取向、性别表达及身份、婚姻状况、残疾及缺陷、或使用受过训练的导盲犬或服务动物而受到歧视。默瑟岛学区提供平等的机会参与童子军和其他指定的青少年团体的项目和活动。在默瑟岛学区提供的许多大学和职业培训项目的课程中，任何人的录取不受歧视。有限的英语能力不会是录取和参与这些项目的障碍。

The following people have been designated to handle inquiries regarding the nondiscrimination policies:  
Las siguientes personas han sido designadas para atender las consultas relativas a las políticas de no discriminación:

以下人员负责处理有关非歧视政策的咨询:

Harassment, Intimidation and Bullying (HIB) Coordinator: Coordinador de HIB (El acoso, la intimidación y el acoso escolar):	Erin C. Battersby (206) 230-6227 <a href="mailto:erin.battersby@mercerislandschools.org">erin.battersby@mercerislandschools.org</a>
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骚扰、恐吓和欺凌(HIB) 协调员:

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Title IX Compliance Coordinator: Coordinador del Cumplimiento del Título IX: 第九条权益合规协调员:	Erin C. Battersby (206) 230-6227 <a href="mailto:erin.battersby@mercerislandschools.org">erin.battersby@mercerislandschools.org</a>
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Section 504 & ADA Coordinator: Coordinadora de la Sección 504 y ADA: 504 条款及残障保护协调员:	Dr. Lindsay Myatich, Director (206) 236-3326 <a href="mailto:lindsay.myatich@mercerislandschools.org">lindsay.myatich@mercerislandschools.org</a>
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Civil Rights Compliance Coordinator: Coordinador de Derechos Civiles: 民权合规协调员:	Erin C. Battersby (206) 230-6227 <a href="mailto:erin.battersby@mercerislandschools.org">erin.battersby@mercerislandschools.org</a>
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Complaints regarding discrimination in District programs may be made in accordance with District Administrative Procedure 3210P.

Las quejas relativas a la discriminación en los programas del Distrito pueden ser hechas de acuerdo con el Procedimiento Administrativo del Distrito 3210P.

对学区项目和活动的歧视投诉，应根据学区行政条例3210P进行。