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Mercer Island High School

MIHS
Course Catalog

2022-2023

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The MIHS Course Catalog 2022-2023 was edited by the MIHS Counseling Department, ***January 2022***

ISLANDERS

The information in this catalog, including the description of graduation requirements and proposed course offerings, is accurate as of January 2022. 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 2022-2023

Students, 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 available 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 honors or AP 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 array of academic options that are both part of your high school experience and unique to MIHS. Track your progress through your plan every semester; adjust the plan at pre-registration in February of each year; and 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 perspectives and world languages, pursue areas of personal interest including music, art, drama, computer programming and technology, marketing and business, sports, and engage in topics they have not yet had the opportunity to explore. MIHS is pleased to offer a comprehensive program and wide array of services. All students complete the High School and Beyond Plan during high school and students may also 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

Academic advising from an assigned MIHS counselor is available to all students. The counselor can provide 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 both their MIHS counselor and IEP Case Manager. All of these advisors offer academic planning and review throughout the school year, with special emphasis on registration advising in March through May. 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 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; **Therefore, 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

Credits Earned Prior to 9th Grade

Students may have earned credits to fulfill high school graduation requirements prior to the start of their ninth grade year e.g. Algebra, Geometry or World Language. Beginning with the 2019-20 school year, new state law requires all high school courses taken and passed by students in grades 7 and 8, be awarded high school credit and automatically placed on the high school transcript. Credits can be removed at the request of the student or parent/guardian prior to the end of the student's grade 11 school year by submitting the appropriate board policy 2410 Form 1 to the registrar. The board policy 2410 Form 1 also allows a request to change the grade(s) to Pass or CR, which will not factor into the GPA but will count toward graduation requirements. Once classes and/or grades are removed from the high school transcript, they may not be entered again. The board policy 2410 Form 1 can be found on the Counseling Office webpage.

Alternative Options

The purpose of the board policy 2410 Form 1 is to provide parents and students with all options when deciding the best course of action for addressing high school credits earned prior to the 9th grade year. By completing board policy 2410 Form 1, students and parents officially direct the Mercer Island School District to take action other than what is outlined in state law: automatic application of middle school credits to the student's official transcript. Please use board policy 2410 Form 1 to submit your request. If you have questions prior to the start of ninth (9th) grade please contact the student's 8th grade counselor.

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. The GPA is calculated at the end of each semester grading period. Mercer Island High School does not calculate or publish class rank..

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

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; 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 experiences 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, the student 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 ranging 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 for attending 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 their school community, development of appropriate classroom behavior, and prospects for higher education and future jobs. When a student is unavoidably absent, the student 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, Hazing, Bullying, and Intimidation

Per our policy 3207, the District is committed to a safe and civil educational environment for all students, employees, parents/legal guardians, volunteers, and patrons that is free from harassment, intimidation, or bullying. "Harassment, intimidation, or bullying" means any intentionally written message or image—including those that are electronically transmitted—verbal, or physical act, including but not limited to one shown to be motivated by race, color, religion, ancestry, national origin, gender, sexual orientation, including gender expression or identity, mental or physical disability or other distinguishing characteristics, when an act:

- Physically harms a student or damages the student's property.
- Has the effect of substantially interfering with a student's education.
- Is so severe, persistent or pervasive that it creates an intimidating or threatening educational environment.
- Has the effect of substantially 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 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

Naviance is Mercer Island High School's secure web-based service for completing the *High School and Beyond (HS&B)* graduation requirement, researching career possibilities, and completing college searches. The *HS&B* requirements are assigned by grade, and they are fulfilled in Islander Hour, in some classroom sessions led by the MIHS counselors, and through independent student work. Some of the activities include career inventories, creating a course plan (map) for completing high school courses required for graduation, creating a resume, exploring colleges and other post-secondary options, documenting awards and recording personal reflections. Seniors use Naviance to support their post-secondary plans for college, technical institutes, military service, and employment drawing on the documents and information they have accumulated through the *HS&B* activities. Naviance tasks that are required for graduation are assigned to each student's account.

The services through Naviance provide students and parents with up-to-date, objective information about high school academic and career planning, college choices and admissions requirements, 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, Schoology, 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 their 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 complete the 3231 FERPA Opt-Out form and submit it to the school or district office annually.

Graduation Requirements

Students in the Class of 2022 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	Semesters	Credits	Content	Semesters	Credits
English	8	4.0	Fitness/PE	3	1.5
Mathematics**	6	3.0	Health	1	0.5
Social Studies:	6	3.0	Fine Arts	4	2.0
Science *(2.0 must be lab science)*	6	3.0	World Language	4	2.0
Career & Technical Education/Career & College Readiness	2	1.0	Electives	8	4.0
			Total	**48.0**	**24.0**

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; 2 credits in Algebra 1 and Geometry, 1 credit in Algebra 2 or higher, or 1 credit based on the student's PPR (Personalized Pathway Requirement) and High School and Beyond Plan. Algebra 1 and Geometry taken in middle school may count toward this requirement.

*** PPR (Personalized Pathway Requirement) includes courses that lead to a specific post-high-school career or educational outcome chosen by the student, based on their 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, students will be required to meet with their counselor to make sure that the alternative aligns with the High School and Beyond Plan and that they have completed and submitted all required documents.

Meeting Performance Standards for Classes of 2022 and later:

Students must complete 1 of 8 graduation pathways and complete a High School and Beyond Plan (HSBP), and earn the requisite credits established by the State Board of Education. See our board policy 2410.

1. State-Authorized Graduation Pathways *(see page 7)*

2. High School and Beyond Plan

The High School and Beyond Plan (HS&B) is a graduation requirement for every student. It's a process for students, parents, and teachers to guide students through high school and think about their future. Plans are personalized and designed to help students set, visualize, and work to achieve goals. A High School and Beyond Plan is one of the three components, along with Credit and Subject Area Requirements, and Graduation Pathway Options, that Washington students must complete to achieve a high school diploma. At MIHS students will design and document their High School and Beyond Plan using our Naviance program

State-Authorized Graduation Pathways

A student may choose to pursue one (1) or more of the eight (8) pathway options described below to demonstrate career and college readiness as long as the option chosen is in alignment with the student's high school and beyond plan.

1. **Statewide High School Assessment (i.e., Smarter Balanced Assessment)**
   A student may demonstrate career and college readiness by meeting or exceeding the graduation standard established by the State Board of Education on the statewide high school assessments in English language arts and mathematics.Students generally take these exams in 10th grade.

2. **Dual Credit Courses**
   A student may demonstrate career and college readiness by completing and qualifying for college credit in dual credit courses in English language arts and mathematics. A dual credit course is a course in which a student qualifies for college and high school credit upon successfully completing the course.

3. **High School Transition Courses**
   A student may demonstrate career and college readiness by earning high school credit in a high school transition course in English language arts and mathematics. A high school transition course is a course offered in high school where successful completion by a high school student ensures the student college-level placement. For example, successfully completing a Bridge to College course with a B or better during 12th grade will allow placement in a math or language arts college-level course at a Washington community and/or technical college (and Eastern Washington University, if you are admitted). High school transition courses must satisfy core or elective credit graduation requirements established by the State Board of Education.

4. **AP Courses**
   A student may demonstrate career and college readiness by earning high school credit, with a C+ grade, or receiving a three or higher on the AP exam. For English Language Arts, successfully completing any of the following courses meets the standard: AP Microeconomics, AP Psychology, AP United States History, AP World History, AP United States Government and Politics, AP Comparative Government and Politics. For mathematics, successfully completing any of the following courses meets the standard: AP Statistics, AP Computer Science, AP Computer Science Principles, and AP Calculus.

5. **SAT or ACT Scores**
   A student may demonstrate career and college readiness by meeting or exceeding the scores established by the State Board of Education for the mathematics portion and the reading, English, or writing portion of the SAT or ACT.

6. **Combination of Options**
   A student may demonstrate career and college readiness by meeting any combination of at least one English language arts option and at least one mathematics option described above.

7. **Armed Services Vocational Aptitude Battery**
   A student may demonstrate career and college readiness by meeting standard in the armed services vocational aptitude battery.

8. **College and Career Readiness Courses (CCR)/Career and Technical Education Courses (CTE)**
   A student may meet this graduation pathway option by completing a sequence of CCR/CTE courses, which align with the student's High School and Beyond Plan. Satisfying this graduation pathway option meets requirements in both English and math. A course that is used as part of a CCR/CTE sequence may also be used to meet subject area graduation requirements in CTE or in other subject areas through CCR/CTE course equivalencies.

   To meet this pathway students must complete a 2-credit sequence of courses where one of the courses provides the opportunity for dual credit through CCR/CTE Dual Credit, Advanced Placement, or other agreement or program.

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

English ..... 4 years
Includes 3 credits of college preparatory composition and literature

Mathematics ..... 3 years
Includes Algebra 1, Geometry, and Algebra 2

Senior-Year Quantitative ..... Required math course, or statistics, applied math, or appropriate quantitative career/technical courses; or algebra-based science course taken during the senior year

Science ..... 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.)

Social Studies ..... 3 years (History or other Social Sciences)

World Language ..... 2 years consecutive study (2 credits) of same language: world language, Native American language, or American Sign Language

Fine Arts ..... 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

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

Highly Selective Colleges/Universities

English ..... 4 years
Mathematics ..... 4 years
Science ..... 3-4 years laboratory sciences
Social Studies ..... 3-4 years
World Language ..... 3-4 years consecutive study of the same world language
Academic and Arts Electives ..... 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 and in Islander Hour 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 Postsecondary Guidance
Academic planning and program design	Teacher/student/parent conferences	Registrar services related to community agencies, government requirements, and insurance
Post-secondary planning and Counselor Evening Events	Intervention services, collaboration with MIYFS counselors	Liaison to WaNIC, PNWCC 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	Counselor 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. 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 services might include:

- Counselor Evening Events during the school year. Past events have covered college application process for seniors, financial aid, and post secondary options.
- Access to 200+ college and post-secondary school representative visits at MIHS
- Access to representatives from the military
- Access to scholarship information

Special Programs and Services

Islander Hour (Student Advisory Program)

Islander Hour is Mercer Island High School's student advisory program. Islander Hour groups are represented by single grade levels, and lessons may include discussions of health and social issues pertinent to the entire student body, as well as grade-level specific information. Islander Hour 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.

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

Beginning with the 2019-20 school year, a student who has completed high school mathematics (year) and/or world language (five trimesters over two years) courses in 7th and/or 8th grade at Islander Middle School or MIHS shall earn high school credit if the course is equivalent to a course offered at the high school. These courses and grades will be automatically added to the student's MIHS transcript. Students or their parent/guardian may request the courses and grades are removed from the high school transcript by submitting Form 2410 to the registrar before the end of the student's junior year. A similar request may also be made to change the grade to a non-numerical grade (Pass or Credit) that does not count in the GPA but does fulfill graduation requirements. Form 2410 can be found on the high school counseling page.

For school years prior to 2019-20, all high school academic level credits taken prior to the high school may be added to the high school transcript only at the request of the student and parent. They will not be added automatically. Once they are added to the high school transcript, they cannot be removed.

Transfer students may receive credit for core academic courses that are 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.

MIonline 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*. 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*.

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*.

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 college 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 may be earned during high school through the student's participation in Advanced Placement courses (AP), Running Start, Pacific Northwest College Credit (PNWCC), 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, Psychology, Economics, 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 the district/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 are equivalent to the course and instruction that occurs on the college or university campus. Together the high school and college or university define any additional criteria for student eligibility.

Students must pay tuition to earn the college or university credit and must meet any other requirements set by the credit-granting instruction. Once a student pays tuition for the college credit, a transcript for the student will automatically be generated by the institution offering the course. This transcript will include the student's performance/grade earned. The college credit earned may count as an elective or an academic credit depending on the receiving college's transfer credit policies.

There is no fee for a student enrolled in a CHS or co-delivered dual credit course that includes CHS if the student chooses to only earn high school credit. The fees/tuition apply for students who choose to enroll in a CHS course for college credit. Tuition is approximately $370 and students pay directly to the credit granting institution. Financial assistance may be available on a case by case basis. Please see your counselor if you may need assistance.

Pacific Northwest College Credit (PNWCC)

PNWCC 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; review the Social Studies section 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 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/Business Communications & Technology (Crest)

Grade Level:.....9
Duration/Credit: .....2 semesters/1 credit English
2 semesters/1 credit CCR
Eligibility: .....Crest application
Graduation Content Requirement: .....English and CCR
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

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.

English 10/Modern World History (Crest)

Grade Level:.....10
Duration/Credit: .....2 semesters/1 credit English
2 semesters/1 credit World History/Social Studies
Eligibility: .....Crest application
Graduation Content Requirement: .....English and World History
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

World Studies Block

English 10 World Literature with 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 Modern World History.*

World Studies Honors Block

English 10 World Literature Honors with 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 Modern World History Honors.*

American Studies Block

English 11 American Literature 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 Block ◈

AP English Language and Composition 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 each AP examination, approximately $125

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 AP US History.*

English 11/US History (Crest)

Grade Level:.....11
Duration/Credit: .....2 semesters/1 credit American Literature
2 semesters/1 credit American History
Eligibility: .....Crest application
Graduation Content Requirement: .....English and US History
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

English 12: Comparative Literature

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

Course Description: English 12 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 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 and Comparative 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 texts, students will examine elements of film production, cinematic techniques, genre (westerns, revisionist westerns, science fiction, horror, documentary, social commentary, etc.) and conduct film analysis. The 25+ films students will watch over the course of the year cover everything from hollywood classics, to international cinema, to cult classics, to art house and the avant garde. Students will practice visual literacy and learn about the way in which images and sound create and alter meaning as well as how film acts as a vehicle for social progress and change through representation. Readings will include literature and texts relevant to film studies, and assessments will be in the form of essays, discussions, tests, quizzes, and projects. Students are expected to read relevant texts, conduct research, watch films each week, write analytically, and participate in seminar discussions, all of which are designed to help students prepare for the academic demands of post-secondary education.

English 12: Race, Identity, and Representation in Comparative Literature

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

Course Description: This course analyzes and discusses race and identity through multiple critical lenses, using both the texts shared by English 12 courses as well as works and selections that extend the curriculum to directly address issues of race, gender, sexuality, religion, class, ability, and culture in the modern world. Drawing from the lived experience of diverse writers, students will have the opportunity to understand and analyze how writing and expression provide an insight into the history of marginalized voices and can serve as a powerful tool for social justice. Students will build upon a knowledge of systemic racism/biases and its impact on the various identities and experiences being discussed and studied. Over the course of the year, students will engage with an assortment of texts, literary forms, and media sources; participate in discussions; conduct research; present; and develop as readers, writers, and critical thinkers with a more nuanced understanding of how race, identity, and representation matter in both the past and our present world. (NCAA Approval Pending)

English 12 Honors: Comparative Literature and Media Studies

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

Course Description: This Honors English 12 course extends the English 12 curriculum and is blocked with AP Comparative Government. 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 each AP examination, approximately $124

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 12/Senior Social Studies (Crest)

Grade Level:.....12
Duration/Credit: .....2 semesters/1 credit English
2 semesters/1 credit Contemporary Issues/Civics
Eligibility: .....Crest application
Graduation Content Requirement: .....English and Social Studies (Civics, Contemporary World Issues)
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

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

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 the student's 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.

Algebra E1/E2

Grade Level: 9
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....Credit earned for Math 8 or Pre-Algebra
Graduation Content Requirement: .....Elective
Fees: .....Students will need a MultiView scientific calculator

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 E3/E4

Grade Level: 10
Duration/Credit: .....2 semesters/1 credit
Prerequisite .....Algebra E1/E2 or teacher recommendation
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a MultiView scientific calculator

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.

Algebra 1

Grade Level: 9, 10
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....Credit earned for Pre-Algebra
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a MultiView scientific calculator

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. This course is offered at the main campus and at Crest.

Geometry

Grade Level: 9, 10, 11
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....Algebra 1 (1 full year)
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a MultiView scientific calculator

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
Prerequisite: .....Algebra 1 (1 full year)
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a MultiView scientific calculator

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
Prerequisite: .....Geometry (1 full year)
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a TI-Nspire handheld calculator

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
Prerequisite: .....Geometry (1 full year)
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a TI-Nspire handheld calculator

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.

Advanced Algebra with Financial Applications

Grade Level:.....12
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....At least Algebra 1 (1 full year) and Geometry (1 full year)
Graduation Content Requirement: .....Mathematics, CCR pending
Fees: .....Students will need a calculator

Course Description: Advanced Algebra with Financial Applications is a mathematical modeling course that is algebra-based, applications-oriented, and technology-dependent. The course addresses college preparatory mathematics topics from Algebra 2, Statistics, Probability, Precalculus, and Calculus under eight financial umbrellas: Discretionary Expenses, Banking, Investing, Credit, Employment, and Income Taxes, Automobile Ownership, Independent Living, and Retirement Planning and Household Budgeting. The course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. The course offers students many opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. It provides students a motivating, young-adult centered financial context for understanding and applying the mathematics they are guaranteed to use in the future. 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. Group and individual projects/presentations, as well as daily homework, will be designed.

Precalculus

Grade Level: .....11, 12 (or consultation with Department Head)
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....Algebra 2 (1 full year)
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a TI-Nspire handheld calculator

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 consultation with Department Head)
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....Honors Algebra 2 (1 full year)
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a TI-Nspire handheld calculator

Course Description: In addition to meeting the regular Precaculus 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 consultation with Department Head)
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....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 consultation with Department Head)
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....Precalculus (1 full year)
Graduation Content Requirement: .....Mathematics
Fees: .....Students will need a TI-Nspire CAS handheld calculator,; fee for AP examination, approximately $125

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. Students who take an AP course are strongly encouraged to take the AP examination, for which you will be prepared throughout the year.

AP Statistics ◈

Grade Level:.....11, 12 (or consultation with Department Head)
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....Algebra 2 (1 full year)
Graduation Content Requirement: .....Mathematics, CCR
Fees: .....TI-Nspire calculator; fee for AP examination, approximately $125

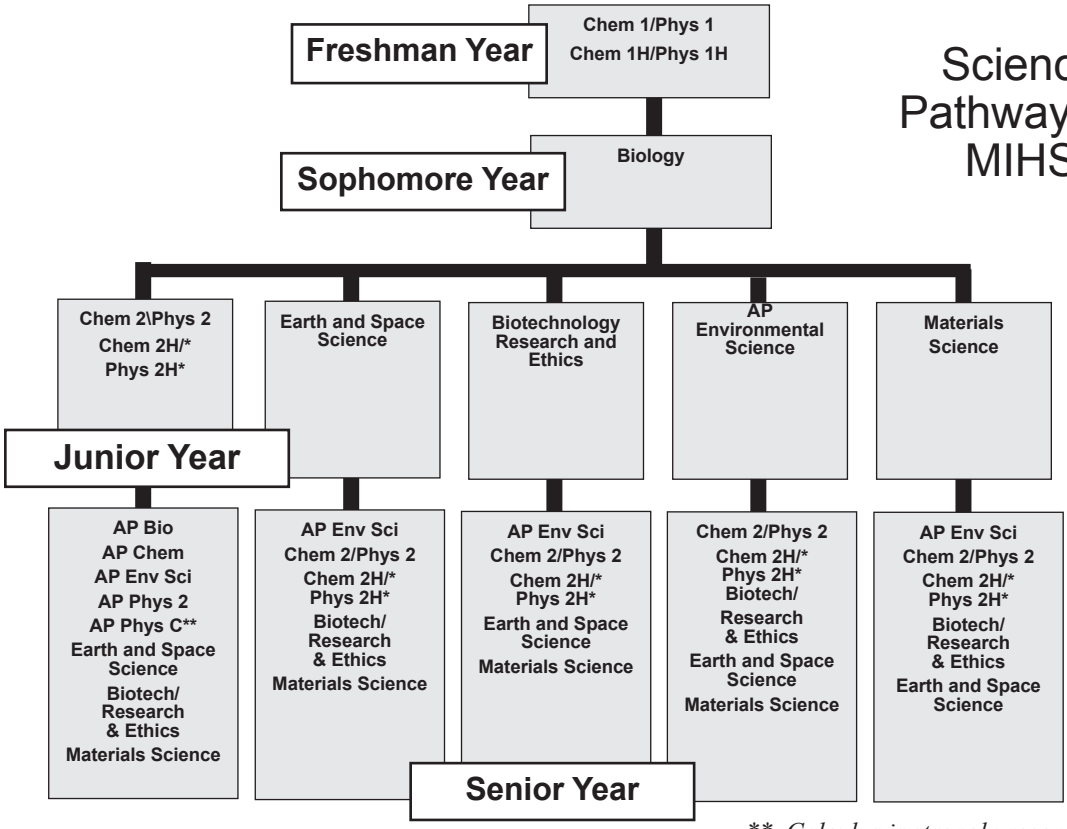
Course Description: Statistics, the art of drawing conclusions from imperfect data and the science of real-world uncertainties, plays an important role in many fields, including science, sociology, medicine, engineering, political science, geography, and business. This course follows the College Board 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.

Bridge to College Mathematics (Crest)

Grade Level:.....12 by permission
Duration/Credit: .....2 semesters/1 credit
Prerequisite: .....None
Graduation Content Requirement: .....Math
Fees: .....None

Course Description: Bridge to College Mathematics is a year-long course focusing on the key mathematics readiness standards from Washington State's K-12 Learning Standards for Mathematics (the Common Core State Standards, CCSS-M) as well as the eight Standards for Mathematical Practices. The course is designed to prepare students for entrance into non-calculus pathway introductory college level mathematics courses. The course addresses key learning standards for high school including Algebra 1, statistics, geometry, and Algebra II standards essential for college- and career-readiness. The course is designed to focus on building conceptual understanding, reasoning, and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. For seniors who are successful in this course (or better),the Bridge to College Mathematics course offers guaranteed placement into a college-level course when entering college directly after high school.

Science Pathways at MIHS



** *Calculus is strongly recommended*

* *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 the student 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 ◈

May be eligible for Plant Science (HORT 102) and Plant Propagation (HORT 229) through Edmonds Community College

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisites:.....None
Graduation Content Requirement: .....Lab Science, CCR
Fees: .....$35; breakage fee, per incident
Location: .....Crest Learning Center
Special Credit Available.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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.

Please note: Freshmen who take Horticulture are strongly encouraged to take Chemistry 1/Physics 1 their sophomore year, to ensure adequate preparation for Biology, and the Washington Comprehensive Assessment of Science (WCAS).

Chemistry 1/Physics 1

Grade Level: 9
Duration/Credit: .....2-semester course pairing/1 credit
Recommended Prerequisites:.....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 Prerequisites:.....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 Prerequisites:.....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: 11, 12
Duration/Credit: .....2-semester course pairing/1 credit
Recommended Prerequisites:.....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 (by permission only), 11, 12
Duration/Credit: .....2-semester course pairing/1 credit
Recommended Prerequisites:.....Chemistry 1/Physics 1, Geometry, Biology
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 ◈

Eligible for Biology and Society (BIOL 107) credit through Shoreline Community College

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisites:.....Chemistry 1/Physics 1, Biology
Graduation Content Requirement: .....Lab Science, CCR
Fees: .....Breakage fee, per incident
Special Credit Available.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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 ◈

Eligible for Materials Science (ENGT 141) credit through Lake Washington Institute of Technology

Grade Level:.....11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisites:.....Chemistry 1/Physics 1, Biology
Graduation Content Requirement: .....Lab Science, CCR
Fees: .....Breakage fee, per incident
Special Credit Available.....PNWCC available, based on course grade; fee may apply, approximately $50

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 Science ◈

Eligible for Introduction to Geology (GEOL 100) credit through Eastern Washington University

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisites:.....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 ◈

Eligible for General Biology (BIOL 160 and BIOL 162) credit through Bellevue College

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisite: .....Biology, full year of chemistry (Chemistry 2H recommended)
Graduation Content Requirement: .....Lab Science
Fees: .....Breakage fee, per incident; fee for AP exam, approximately $125
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.** Students who take an AP course are strongly encouraged to take the AP examination, for which they will be prepared throughout the year. If you elect the Bellevue College option, only the BC course title will appear on your transcript for the 2nd semester.

AP Chemistry ◈

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisite: .....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 $125

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. Students who take an AP course are strongly encouraged to take the AP examination, for which they will be prepared throughout the year. If you elect the Bellevue College option, only the BC course title will appear on your transcript for the 2nd semester.

AP Environmental Science ◈

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisite: .....Biology, Chemistry (1 semester)/ Physics (1 semester) minimum 1 year of Algebra
Graduation Content Requirement: .....Lab Science, CCR
Fees: .....Breakage fee, per incident; fee for AP examination, approximately $125

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. Students who take an AP course are strongly encouraged to take the AP examination, for which they will be prepared throughout the year. If you elect the Bellevue College option, only the BC course title will appear on your transcript for the 2nd semester.

AP Physics 2 ◈

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisite: .....Full year of Physics, Algebra 2
Graduation Content Requirement: .....Lab Science
Fees: .....Breakage fee, per incident; fee for AP examination, approximately $125

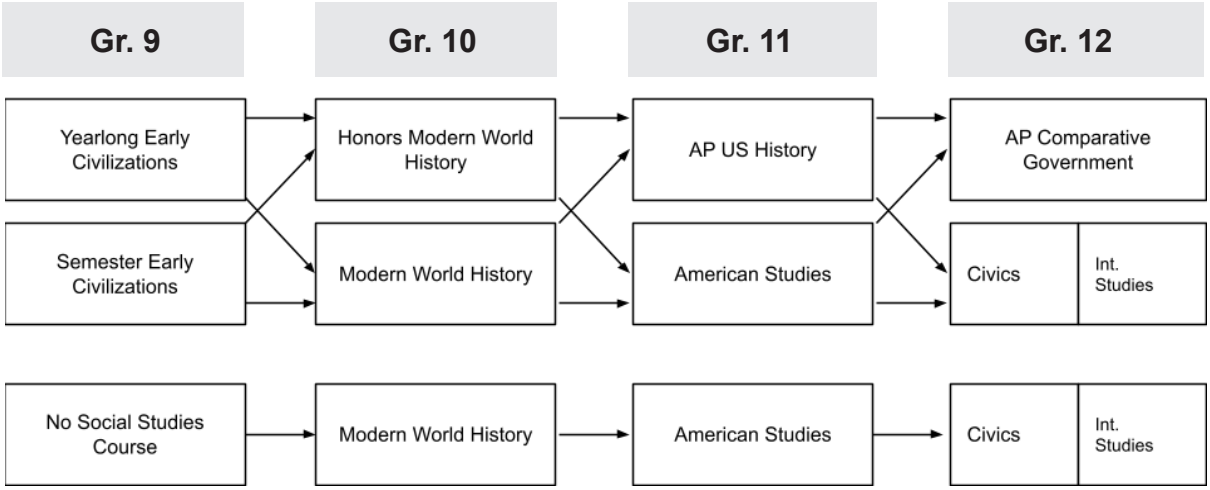
Course Description: This class is designed for those who want the challenge of a college level physics course, and it may be an option for students who would not meet the math requirement for AP Physics C: Mechanics. The AP Physics 2 curriculum includes fluid mechanics; thermodynamics; electricity and 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. Students who take an AP course are strongly encouraged to take the AP examination, for which they will be prepared throughout the year. If you elect the Bellevue College option, only the BC course title will appear on your transcript for the 2nd semester.

AP Physics C Mechanics ◈

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisite: .....Full year of Physics, Calculus (or concurrent enrollment)
Graduation Content Requirement: .....Lab Science
Fees: .....Breakage fee, per incident; fee for AP examination, approximately $125

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. Students who take an AP course are strongly encouraged to take the AP examination, for which they will be prepared throughout the year. If you elect the Bellevue College option, only the BC course title will appear on your transcript for the 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 Semester Course

Grade Level:.....9
Duration/Credit: .....1 semesters/.5 credit
Recommended Prerequisite: .....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.

Early Civilizations Yearlong Course

Grade Level:.....9
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisite: .....None
Graduation Content Requirement: .....Social Studies Elective
Fees: .....None

Course Description: In this full-year version of Early Civilizations, you will cover all of the material in the semester-long course. Success in Early Civilizations prepares a student to select Honors Modern World History or Honors World Studies in grade ten. You will study shifting centers of power in the Islamic caliphates, feudal Japan, and medieval Europe; the Mongol Empire; the growth of towns and trade in sub-Saharan Africa; and pre-Columbian America. You will use the extended length of the yearlong course to work extensively on developing research skills, such as synthesizing diverse resources, evaluating sources, and selecting and using evidence. It is recommended preparation for all students.

Modern World History

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

Course Description: In this course, you will trace major developments in world history from the Renaissance to the present, be introduced to major political and economic systems, and study some of the major world religions. You will examine the ways in which cultures change through interaction with each other and how technology, art, and ideas influence the development of civilizations. Topics may include the Renaissance and Reformation; the Scientific Revolution and the Age of Exploration; the Enlightenment and French Revolution; Industrialization and the Modern World; Nationalism and Imperialism; Revolution in Russia, India, and China; the World Wars and the Holocaust; the Cold War and Latin America; African Nationalism and Independence; Japan and China after World War II; and selected issues in the world today.

Modern World History Honors

Grade Level:.....10
Duration/Credit: .....2 semesters/1 credit
Recommended Prerequisite: .....Early Civilizations, yearlong or semester
Graduation Content Requirement: .....Social Studies Elective
Fees: .....None

Course Description: In this course, you will cover all of the content of the regular Modern World History course. Since this is an honors option for this course, you will be expected to have mastered skills of critical reading, research, and writing and have absorbed the content of ancient and medieval history covered in 9th grade Early Civilizations. You will be expected to complete outside reading and to comprehend the content of assigned primary and secondary source materials; the reading load for honors can be up to double that of the regular class. As an honors student, you are expected to bring your ideas and insights to daily class discussions. Your analysis, both written and oral, will reflect thorough understanding of historical thinking, including cause-and-effect.

World Studies Block

Modern World History with English 10 World Literature

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

Course Description: This course combines the studies of history, literature and writing to give you a more profound understanding of past events and their effect on today's world. You will be expected to find relationships between the literature and historical developments of a time period. You will trace developments in world history from the Renaissance to the present, be introduced to major political and economic systems, and study some of the world's religions. You will examine the ways in which cultures change through interaction with each other and how technology, art, and ideas influence the development of civilizations. Topics may include the Renaissance and Reformation; the Scientific Revolution and the Age of Exploration; the Enlightenment and French Revolution; Industrialization and the Modern World; Nationalism and Imperialism; Revolution in Russia, India, and China; the World Wars and the Holocaust; the Cold War and Latin America; African Nationalism and Independence; Japan and China after World War II; and selected issues in the world today. *See English section for description of World Studies/World Literature.*

World Studies Honors Block

Modern World History Honors with English 10 World Literature Honors

Grade Level:.....10
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....Early Civilizations
Graduation Content Requirement: .....Social Studies Elective
Fees: .....None

Course Description: In this course, you will cover all of the content of the regular World Studies/Modern World History course. Since this is an honors option for this course, you will be expected to have mastered skills of critical reading, research, and writing and have absorbed the content of ancient and medieval history covered in 9th grade Early Civilizations. You will be expected to complete outside reading and to comprehend the content of assigned primary and secondary source materials; the reading load for honors can be up to double that of the regular class. As an honors student, you are expected to bring your ideas and insights to daily class discussions. Your analysis, both written and oral, will reflect thorough understanding of historical thinking, including cause-and-effect. *See English section for description of World Studies/English 10 World Literature.*

American Studies Block

US History with English 11 American Literature

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

Course Description: This integrated approach offers a comprehensive study of 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. This study incorporates literature to address key themes, ideas, and developments in the American experience. In addition, you will study the structure of American Government in order to prepare you to become a competent citizen. *See English section for description of English 11 American Literature.*

US History/English 11 (Crest)

Grade Level:.....11
Duration/Credit: .....2 semesters/1 credit American Literature
2 semesters/1 credit American History
Eligibility: .....Crest application
Graduation Content Requirement: .....English and US History
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

American Studies AP Block ◈

AP US History with AP English Language and Composition

Grade Level: 11
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....English 10 Honors or World Studies Honors/World History Honors
Graduation Content Requirement: .....US History
Fees: .....Fee for AP examination, approximately $125

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 and will explore the development of American culture from the Colonial Era to the present. 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. *See English section for description of AP English Language and Composition.*

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 ◈

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 $125

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, and fulfills the state graduation requirement for Civics. 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. 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.

AP Comparative Government and Politics Block ◈

AP Comparative Government and Politics with English 12 Honors: Contemporary Literature

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 $125

Course Description: This course follows the College Board curriculum and expectations for AP Comparative Government and Politics (see description above). This course is blocked with English 12 Honors. *See English section for description of English 12 Honors: Contemporary Literature.*

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.

Senior Social Studies/English 12 (Crest)

Grade Level:.....12
Duration/Credit: .....2 semesters/1 credit English
2 semesters/1 credit Contemporary Issues/Civics
Eligibility: .....Crest application
Graduation Content Requirement: .....English and Social Studies (Civics, Contemporary World Issues)
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

AP Macroeconomics ◈

Course will be offered in 2022-2023 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 $125, 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
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

A minimum of 2 years of study of the same world language or 2 credits Personalized Pathway Requirement (PPR) is a state graduation requirement.

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). This 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 their workbook, they should purchase the workbook from an outside vendor.

French

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 proficiency foundation in reading, writing, speaking and listening in French. By the end of French one, the expectation is that you will have reached the Novice High proficiency level. (ACTFL guidelines) In addition, culture of the francophone world is emphasized. You will use the textbook *T'es branché, Level 1* and all accompanying materials. Class emphasis will be on communication, and you will be expected to be an active participant in class.

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: The focus of French 2 is to provide you with a solid proficiency foundation in reading, writing, speaking and listening in French. By the end of French two, the expectation is that you will have reached the Intermediate Mid proficiency level. (ACTFL guidelines) In addition, culture of the francophone world is emphasized. You will use the textbook *T'es branché, Level 1 and 2* and all accompanying materials. Class emphasis will be on communication, and you will be expected to be an active participant in class.

French 3

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

Course Description: The focus of French 3 is to provide you with a solid proficiency foundation in reading, writing, speaking and listening in French. By the end of French three, the expectation is that you will have reached the Advanced Low proficiency level. (ACTFL guidelines) In addition, culture of the francophone world is emphasized. You will use a variety of proficiency-based units mixed with grammar units that refine production accuracy. In addition to further developing your French language skills, you will study contemporary culture in Francophone countries by examining authentic materials. Class emphasis will be on communication, and you will be expected to be an active participant in class.

French 4

Grade Level: 9, 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 grammar in context to refine production accuracy. In addition to further developing your French language skills, you will study contemporary culture in Francophone countries by examining authentic materials. Class emphasis will be on communication, and you will be expected to be an active participant in class.

AP French Language and Culture ◈

Grade Level: 11, 12
Duration/Credit:.....2 semesters/1 credit
Recommended Preparation:.....French 3 or French 4
Graduation Content Requirement:.....World Language
Fees:.....Fee for AP examination, approximately $125

Course Description: Beginning students are recommended to have taken French 4 prior to this course. AP French Language and Culture is a college-level course and is intended for students in their fourth or fifth year of course work in French. There is a strong emphasis on the use of French for active communication during class, and the curriculum is guided by the College Board. You will be provided opportunities to continue to develop all four skills of language proficiency: listening, speaking, reading, and writing. You will learn language grammar in context to refine production accuracy. In addition to further developing French language skills, you will study contemporary culture in Francophone countries through authentic materials. You can expect 3 to 5 hours of homework per week. 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 be prepared throughout the year.

Mandarin Chinese

One fifth of the world's population speaks Chinese. Individuals who understand China and can communicate in Mandarin Chinese will have an advantage in many career paths. In addition, studying Chinese will be useful for travel and for communicating with Mandarin speakers in the United States.

Mandarin Chinese 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: This is a beginning course intended for students who have little or no Chinese language background. The focus in Mandarin Chinese 1 is to provide you with a solid foundation of Chinese Pinyin, vocabulary, grammar, and culture. You will have the opportunity to develop all four basic skills of language learning: listening, speaking, reading, and writing. In addition, you will be expected to compose paragraphs on the computer, using Chinese characters. Chinese culture will be introduced through projects, readings, songs, and videos. You will be expected to be an active participant in classroom activities.

Mandarin Chinese 2

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

Course Description: This course is a continuation of Mandarin Chinese 1, with further development of vocabulary, grammar, reading skills, and writing skills. The course will continue to emphasize Chinese pronunciation, the characters, and sentence composition. You will understand ideas and be able to exchange basic information on familiar topics expressed through phrases, short sentences, and frequently-used expressions. You will further your study of Chinese culture through projects, readings, songs, and videos.

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 (Chinese 4) ◈

Eligible for UWHS Chinese 103 (CHIN 103 First-Year Chinese for Non-Heritage Learners) credit through University of Washington.

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. Please see page 11 for information about CHS, college credits and transcripts, tuition requirements and financial assistance.

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 $125

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 second 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 authentic sources and activities, such as readings, videos, presentations, and projects. Daily homework will be assigned, and you will be expected to review material frequently and regularly to develop long-term memory. 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. 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, reading comprehension, speaking and writing 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 (Spanish 4) ◈

Eligible for UWHS Spanish 103 (SPAN 103 Elementary Spanish) credit through 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: At the beginning, this course is taught at MIIHS and 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. This course should be taken prior to AP Spanish. Please see page 11 for information about CHS, college credits and transcripts, tuition requirements and financial assistance.

AP Spanish Language and Culture ◈

Grade Level: 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....UWHS Spanish 103 (Spanish 4)
Graduation Content Requirement: .....World Language
Fees: .....Fee for AP examination, approximately $125

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.

Notes

College and Career Readiness Courses

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 Northwest College Credit (PNWCC) - 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 PNWCC option is explained to students in eligible courses, and they are guided through the registration process by an MIHS counselor.

CCR–Business

Accounting & Finance ◈

Eligible for Practical Accounting (ACCT 101) credit through 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:.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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. You will understand the features and procedures for creating Excel spreadsheets, prepare and interpret financial statements and apply personal finance practices such as account balancing and investing. From computer applications, real-life simulations, guest speakers, and field trips you will learn of the exciting and rewarding careers available to accountants.

Business & Personal Law ◈

Eligible for Business Law (BUS& 201) credit through Bellevue College

Grade Level:.....10, 11, 12
Duration/Credit: .....1 semester/.5 credit
Recommended Preparation: .....None
Graduation Content Requirement: .....CCR
Fees: .....None
Special Credit Available:.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

Course Description: This course is designed for the student interested in applying law to business, personal, and work-related problems. You will understand the Constitutional and ethical basis for the legal system in this country, how laws are made and how the court system operates. Instruction will include the elements of criminal law including murder and manslaughter and property law offenses Students will understand the legal basis for civil law including contracts, torts, employment law for minors and consumer protection laws. You will learn how to analyze legal problems, research case law and discuss law with guest speakers, visit the King County Court House and a professional business law office. Students will also participate in a mini-mock trial.

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 a Mock Job Interview experience and hear perspectives from a variety of guest speakers.

Business Communications & Technology ◈

Eligible for Business Law (BTS 109) credit through Bellevue College

Grade Level:.....9
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....None
Graduation Content Requirement: .....CCR
Fees: .....None
Special Credit Available:.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

Course Description: The Business Communications & Technology course is designed to help students find all they need for high school, college, career, and personal success. The goal is to provide students with meaningful preparation to meet the challenges of a global environment in the areas of business, information technology, and digital media. The Business Communications & Technology class will work to provide instruction for students to certify in Microsoft PowerPoint. Data analytics, typing and writing skills, research skills, program management, presentation skills, and problem solving are all part of the curriculum. In short, the goal of the Business Communications & Technology course at MISD is to provide students with all those specific skills necessary to succeed at MIHS.

AP Macroeconomics ◈

Course will be offered in 2022-2023 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 $125, 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 2021-2022 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 $125, 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 ◈

Eligible for Principles of Marketing (BUS 120) credit through 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:.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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 ◈

Eligible for Individual Studies in Marketing (MKTG 299) credit through 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:.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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.

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

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.

International Entrepreneurship

Grade Level:.....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
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 Family & Consumer Sciences

Image ◈

Eligible for Wellness for Healthcare (HLTH145) credit through Bellevue College

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....1 semester/.5 credit
Recommended Preparation: .....None
Graduation Content Requirement: .....Health Education, CCR
Fees: .....None
Special Credit Available:.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

Course Description: In this course, you will gain practical knowledge in mental, emotional, physical, & sexual health. Some of the topics of study include mental health awareness, violence & bullying, communication skills, healthy coping techniques, nutrition, human sexuality, and substance abuse. Students also complete a research project on a disease of their choice. A variety of guest speakers come and share their expertise. By the end of the course, students will become trained and certified in First Aid & 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 nutrition and cooking, stress management and fitness, financial health, communication skills, and personal health concerns. Other topics may include issues dictated by students' needs. You will become trained and certified in CPR and First Aid as well as earning your Food Handler's Permit. You will have the opportunity to learn from outstanding professionals and community members.

Culinary Arts

Grade Level:.....9, 10, 11, 12
Duration/Credit:.....1 semester/0.5 credits
Recommended Preparation:.....None
Graduation Content Requirement: .....CCR
Fees:.....$10 Food Handler's Card

Course Description: This course is designed to teach students culinary & hospitality industry standards around safety, sanitation, equipment, knife skills, food preparation & presentation, baking, and various cooking methods. Enhance your culinary knowledge by exploring numerous flavors (both sweet & savory), fresh ingredients, and gourmet techniques. Obtaining a Food Handler's card will be required during the course to ensure safety & sanitation. Working as part of a productive kitchen team will be a crucial aspect of the course. Students will also have the opportunity to hear from a variety of industry guest speakers and explore culinary careers.

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 $125

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.

CCR–Mathematics

Applied Geometry

Grade Level: 9, 10, 11
Duration/Credit:.....2 semesters/1 credit
Recommended Preparation:.....Algebra 1 (1 full year)
Graduation Content Requirement: .....Mathematics, CCR-pending
Fees:.....Students will need a MultiView scientific calculator

This course will include comprehensive investigations of stimulating simple and complex geometric situations derived from engaging and challenging actual world circumstances. These inspiring situations will heighten interest levels in order to promote in-depth understanding of the interconnected geometric relationships of the world and universe we live in. Through these explorations, students will recognize and properly identify the geometry throughout the universe. Students will also achieve through discovery an essential well-rounded knowledge of trigonometry and its practical applications. Subsequently, students will achieve the ability to express geometric connections in mathematical terms utilizing proper terminology and equations. The relevant and enticing experiences that students participate in will promote their desires to learn thereby enhancing their problem-solving abilities, challenging them to think analytically, critically and creatively while applying deductive and inductive reasoning skills. Applied Geometry will result in students' achieving excellent abilities to articulate and demonstrate both a theoretical and pragmatic knowledge of Geometry. Industries and careers where geometry skills and competencies are essential will be explored throughout the course.

CCR–Science

Biotechnology/Research and Ethics ◈

Eligible for Biology and Society (BIOL 107) credit through 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.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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.

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 $125

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 ◈

Eligible for Intro to Materials Science (ENGT 141) credit through Lake Washington Institute of Technology

Grade Level:.....11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....Chemistry 1/Physics 1, Biology
Graduation Content Requirement: .....Lab Science, CCR
Special Credit Available.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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 ◈

May be eligible for Plant Science (HORT 102) and Plant Propagation (HORT 229) through Edmonds Community College

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
Special Credit Available.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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.

Please note: Freshmen who take Horticulture are strongly encouraged to take Chemistry 1/Physics 1 their sophomore year, to ensure adequate preparation for Biology, and the Washington Comprehensive Assessment of Science (WCAS).

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 staff shirt (optional)

Course Description: This hands-on course is taught by a broadcasting industry veteran and gives you the opportunity to learn broadcast media by participating in the operation of a fully functional, FCC regulated, award winning radio station. KMIH-FM-88.9 The Bridge broadcasts 24/7 to Mercer Island, Seattle, surrounding Lake Washington cities, and worldwide online and on the iPhone App. This course teaches skills in public speaking, audio production, content creation and multi-platform distribution as well as storytelling, marketing, team collaboration and community service. You will have the opportunity to host a show on the air and to learn how to use media to promote your interests, Mercer Island High School, and the community. This course blends technology, academic content, and communications skills that will prepare you for a job in broadcasting, college, and any career where collaboration with others and communicating a clear message is important. Many students who enroll in this course go on to qualify for internships or post-high-school employment at major Seattle broadcast companies.

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 staff shirt (optional)

Course Description: As an Advanced Radio Broadcasting student, you will work as student staff helping to manage the day-to-day operations of KMIH-FM while advancing the radio skills learned in the introductory class. Continuing study in Broadcast Media benefits you by providing a thorough and in-depth knowledge of how a broadcast facility operates. As an advanced student and peer mentor you will learn how to manage various roles in leadership, marketing, music programming, sports broadcasting, audio production, public service campaigns, news reporting and promotions. Your input will have a direct impact on the programming focus of 88.9 The Bridge. Students who have taken Advanced Radio have gained employment at major market broadcast stations and have excelled in pursuing broadcasting and journalism at the university level.

Media (Video) Technology ◈

Bellevue College, Lake Washington Institute of Technology, or Shoreline Community College

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
Special Credit Available (optional): ....College credit available, based on course grade

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.

Advanced Media (Advanced Video) Technology

Grade Level:.....10, 11, 12
Duration/Credit:.....2 semesters/1 credit (preferred option)
1 semester/.5 credit (available option)
Recommended Preparation:.....Video Arts or teacher permission
Graduation Content Requirement:.....CCR
Fees:.....Students provide SD cards for projects

Course Description: As an advanced student, you will learn the various studio jobs related to TV production. You will continue to develop your writing and video skills by working on more challenging projects. The emphasis is on producing student-generated projects to be entered into video festivals and competitions. You will be expected to manage your production schedule and meet deadlines as is required in the industry. You will explore careers in film and video, and you will take advantage of possible opportunities to observe professional video shoots.

Cybersecurity

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

Course Description: This course is designed to teach students on how to engage all functional levels within an enterprise on how to deliver information system security. To this end, the course addresses a range of topics, each of which is vital to securing the modern business and industry. These topics include business roles and policies, security metrics, risk management, standards and regulations, physical security, and business continuity. Each piece of the puzzle must be in place for the enterprise to achieve its security goals; adversaries will invariably find and exploit weak links.

Drones

Grade Level:.....9, 10, 11, 12
Duration/Credit:.....1 semester/0.5 credit
Recommended Preparation:.....Some Computer Science experience
Graduation Content Requirement: .....CCR
Fees:.....None

Course Description: A course in unmanned aerial vehicles (UAVs), aka "drones", and the technologies involved in their operation. Coverage includes UAV components, command and control (C2) communication systems, basics of flight, regulatories and regulations, safety and societal considerations. Laboratory activities provide opportunity for students to gain hands-on experience in working with UAVs. Five hours combined lecture and laboratory per week.

Applied Broadcast Media and Radio Operations (ABRO)

Grade Level:.....11, 12
Duration/Credit: 2 semesters/1credit
Recommended Preparation: .....Intro and Advanced Broadcast Media and permission of instructor
Graduation Content Requirement: .....CCR
Fees: .....None

Course Description: Applied Broadcast Media Radio Operations (ABRO) gives communications career focused broadcasting students an opportunity to continue to prepare for a path to College and Careers in broadcasting by spending a year in intensive hands on operation, programming and management of KMIH-889 The Bridge, an award winning and FCC regulated radio station. Students will learn to program music, produce paid Underwriting and public service messages, maintain FCC documents, create marketing campaigns, manage and mentor student staff, and produce on air content on multiple platforms including social media and podcast. In ABRO students will take a deep dive into learning industry standard software systems Zetta, G-Selector and Adobe Multi-Track recording. The course is a Students Without Walls "O" period and students must participate in an application process in order to be "hired" to be offered a contract to be on the ABRO staff. Some ABRO students will be collaborating together to air a full service morning show to air live before school on KMIH! ABRO credits can also be earned during other class periods by arrangement and with permission of the instructor.

CCR–Technology

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 ◈

Eligible for AutoCad 1 (ENGT 131) credit through Lake Washington Technical Institute and Engineering Graphics (ENGR 114) through 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):....PNWCC available at completion of Engineering Tech 1 and 2, based on course grade and registration; fee may apply, approximately $50

Course Description: This course builds on the techniques developed in Engineering Technology 1. You will learn and explore the engineering design process through a mechanical based project of your own design. You will use your past experience to develop project ideas, and be given a degree of freedom in choosing projects with an emphasis on demonstrating creativity and skill.

Introduction to Robotics ◈

Eligible for Intro to Robotics (CEN 176) credit through 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):....PNWCC, based on grade and registration; fee may apply, approximately $50
*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 various robotic kits and self-made pieces 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 individually or as part of an engineering team on self-designed robotics projects. With the projects, you can choose to focus on skills specific to one area applicable to robotics: electrical, mechanical drive, mechanical manipulator, or programming. You will also be expected to mentor groups of students in the introductory course. You will have the opportunity to participate in the VEX and/or FIRST Robotics competition.

CCR–Information Technology

AP Computer Science ◈

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....Algebra 1
Graduation Content Requirement: .....CCR, Mathematics*
Fees: .....Fee for AP examination, approximately $124
* Math credit for students enrolled in Algebra 2 or higher

Course Description: AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, and the analysis of potential solutions. The course emphasizes object-oriented programming and design using the Java programming language. No previous programming experience is needed, however, students are advised to have completed a course in algebra with an understanding of functions and the Cartesian coordinate system. 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 event driven and data driven programming, game engine data structures, basic game related graphics, programming logic, and AI concepts. This is a hands-on course in which you will work individually and in teams to design, build, test, and demonstrate a beta version of a game. This course will also cover the basics of the software development cycle and how a game company functions.

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 consultation with 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 $125

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.

Advanced Applications

Grade Level:.....10, 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....AP Computer Science
Graduation Content Requirement: .....CCR
Fees: .....None

Course Description: Students enrolled in Advanced Applications at Mercer Island High School will be able to demonstrate using and adapting classic algorithm, such as using binary search trees and linked lists incorporating elements of searching, sorting, hashes, and stacks, to solve computational problems defined by student groupings using software available on classroom computers. Students are recommended to have successfully completed the course AP Computer Science A that demonstrates their ability to design and analyze solutions to problems, using Arrays and Classes to organize data, design programs following an object-orientated approach, documentation of code, and familiarity with the Java programming language. Other advanced topics introduced include exception handling, multithreading, networking, databases, GUI, version control, software protection, and the software development cycle. Alongside instruction, students will be assessed on applying this knowledge within challenging group projects that will demonstrate proficiency targeting computer science state standards.

CCR–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: .....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: .....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.

Ceramics

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

Course Description: You will experience the two major areas of ceramics: hand-building 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. 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 4-5 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, CCR
Fees: .....Student must provide a 9x12 sketch book or be comfortable in Notability

Course Description: This course will expand on previous hand building techniques 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 an independent 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.

Graphic Design

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

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 ◈

Eligible for Graphic Design, Photoshop (DMA 103) credit through Bellevue College

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....1 semester/.5 credit
Recommended Preparation: .....Graphic Design
Graduation Content Requirement: .....Fine Arts, CCR
Fees: .....None
Special Credit Available.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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: .....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 wire ring and wrapping work, create glass cabochons, cold forging, design and create cohesive sets, make different types of chain, experiment with different types of closures and clasps, explore different types of finishes, learn the basics of soldering and sawing, metal piercing, 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: .....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, metal coloring, enameling, lapidary techniques, engraving, polishing, stone setting, soldering, and more in depth design work to put the skills you’ve acquired to the test. 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. 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 ◈

Eligible for Imaging Foundations (DMA 103) credit through Bellevue College, or Image Editing 1 with Photoshop (MMDP 122) credit through 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.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

Course Description: No experience or camera required! In this course you will learn how to operate a digital camera, incorporate a variety of Adobe Photoshop® techniques, master digital workflow, maintain an online portfolio, critique images, print and display your work, and learn standards of the photography industry. Every project incorporates 21st century skills that help you flourish in life after high school. Projects include understanding depth of field and shutter speed, composition, extreme angles, macro, bokeh, studio lighting, portraiture and a personal portfolio. You will also apply specific Photoshop® techniques including multiple layers and a variety of tools.

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: .....None

Course Description: No camera required! You will develop your artistic stamp as you create compelling images using artful composition and advanced Adobe Photoshop® techniques like blending modes, masks, and a variety of brush tools and filters. You will hone your photography skills as you explore the subtleties of natural and studio light, candid and posed portraits, product photography, and abstract art. Every project incorporates 21st century skills that help you flourish in life after high school. You also will create a portfolio of personal work, participate in class critiques, display your work at Showcase, and may participate in the Washington State High School Photography Competition. Projects include: multiple exposure portraits, word images, album cover artwork, composite images, emotion diptychs, magic and fantasy brushes, sculptural self-portraits, and creating conceptual imagery around themes of identity and culture.

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: .....Student may provide optional materials and a 9”x12” sketch book; Fee for AP Portfolio Assessment, approximately $125

Course Description: The course is intended for motivated, experienced art students who are dedicated to creating compelling 2-D artwork and defining their artistic voice. This class requires significant time outside school hours: to make pictures, visit museums and galleries, invest time in the ideation process, and to document your process by maintaining your blog. You will be assessed on projects and participation in class critiques. In the spring you’re encouraged to submit your portfolio to the College Board for the AP evaluation. You will create two portfolios to meet the AP Studio Art requirements: Selected Works (your 5 strongest artworks), and a Sustained Investigation (15 images thoughtfully developed around specific inquiry questions that artfully incorporate the elements and principles of art). Your Sustained Investigation requires artistic risk and experimentation beyond traditional digital photography into sculptural and explorative imagery. As a student in this course, you will also be a member of the SkillsUSA CTSO and have real-world photography opportunities. Every project incorporates 21st century skills that help you flourish in life after high school.

Dance Production and Choreography

Grade Level.....9, 10, 11, 12
Duration/Credit .....1 semesters/0.5 credit
Recommended Preparation: .....None
Graduation Content Requirement: .....Fine Arts, CCR
Fees: .....None

Course Description: Students will develop and practice basic dance skills in a variety of dance styles, including jazz, salsa, ballet, tap, modern and hip-hop. The course will also include techniques in choreography, as well as dance history, helping students to understand varied dance forms as a reflection of culture and history. Students choreograph their own pieces, develop and deliver performance critiques, and participate in performances. Students will create, produce, and mount a full-scale theatrical dance production for public performance. This course includes instruction on stage make-up techniques, costume design and construction, lighting design, stagecraft, advertising, budget development, and front of the house management. Students have the opportunity to perform, direct, and manage the business of a full-scale dance production in the fall semester. In the spring semester, students will choreograph a full-length production.

Wheel Thrown Ceramics

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

Journalism

Grade Level: 9, 10, 11, 12
Duration/Credit: .....2 semesters/1 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.

Creative Writing and Publishing

Open to Grades: 10, 11, 12
Length: .....Full year
Graduation Content Requirement: .....10, 11, 12 CCR credit only
Recommended Preparation: .....None
Cost: .....None (Although students may elect to attend Seattle Arts and Lectures events and the Hugo House Literary Series at student rates)

Goals/Skills Developed: Creative Writing and Publishing is a year-long College/Career Readiness course for students who wish to write creatively and publish creative work. Instruction will cover the essential elements of fiction, creative non-fiction, screenwriting, and poetry, and students will be encouraged to write in the medium for which they have the most interest. Through studying craft, participating in the workshop, and practicing the writing process, students will learn how to read as writers, how to transform an idea into art, and how to manipulate and move a reader. Additionally students will learn the fundamentals of publishing—both in the curation, editing, and maintenance of an online website showcasing student work. At the end of the year, students will design and publish *Pegasus*, the MIHS creative arts magazine.

Assignments: Students in Creative Writing and Publishing will maintain a writer's journal, submit creative pieces to the workshop on a bi-monthly basis, and regularly provide classmates with written critique. Students will be active members of the workshop, offering constructive feedback during workshop sessions and revising their own work after. To better understand the art of creative writing, students will read and study model works from a variety of poets and writers. Throughout the year, students will also be expected to attend readings in the Seattle area, participating in the greater writing community. Each student will assume a role—design, layout, editing, website maintenance, chief editing—toward achieving the course goal of promoting and showcasing the creative work of MIHS students. The year will culminate with the compilation of the student portfolio, a collection of work drafted, revised, and completed in the workshop. Additionally, students will compile, design, layout, edit, and publish *Pegasus*, highlighting the best creative work of MIHS. Texts will include, but are not limited to *How Fiction Works, Aspects of the Novel, Sound and Sense, The Oxford Book of American Short Stories, Inventing the Truth, How to Read Literature Like a Professor,* and *Housekeeping*.

Yearbook

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: Develop skills in reporting, writing, photography, editing, graphic design, page design, marketing, and sales, as you create and publish the MIHS yearbook for your classmates. Meet real-world deadlines to deliver a high-quality product to students and families. Become proficient with the applications in Adobe Creative Cloud®. Pursue leadership opportunities such as editor, junior editor, copy editor, photography editor, design editor, marketing manager, and business manager. The MIHS yearbook is student-run with a faculty adviser.

Additional Career and College Readiness Information and Opportunities

Pacific Northwest College Credit (PNWCC) – CTE Dual Credit

PNWCC* is an industry and education partnership committed to providing occupational pathways for students by preparing them for technologically advanced careers and post-secondary education. PNWCC partners include community/technical colleges: Bellevue College, Shoreline Community College, and Lake Washington Institute of Technology. High School students become eligible to earn PNWCC by registering, paying an annual fee (approximately $50), and earning a qualifying grade in an eligible course. PNWCC 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 Northwest College Credit" will be referred to as PNWCC.

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
- Everett 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:

- Automotive Technology
- CISCO Networking Academy
- Culinary Arts
- Dental Careers
- DigiPen Art and Animation
- Digipen Music and Sound Design
- Digipen Video Game Programming
- Fire and EMS
- Foundations of Manufacturing
- Health Science Careers (Nursing)
- Medical Careers
- Sports Medicine

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 2020 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	
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	• $125 Fair Share Fee • Uniform cleaning • Festival registration • Uniform replacement • Instrument rental fee • Solo and ensemble fees up to $100
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	• $20 cleaning fee • Jazz Festivals $100-$200 each
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: .....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. 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 Music Theory ◈

Grade Level:.....10, 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....Knowledge of treble and bass clef pitches; familiarity with music notation.
Graduation Content Requirement: .....Fine Arts
Fees: .....Fee for AP examination, approximately $125

Course Description: This course is designed to give advanced music students in depth study of music theory including: pitch, intervals, rhythm, scales, modes, analysis of four part chorale-style music using Arabic and Roman numerals, melody writing and dictation, part-writing based on a given melody, and aural/visual recognition of errors in music. The scope of this course is equivalent to a college first-year Music Theory course. It will follow the AP Music Theory curriculum, preparing students for the AP Music Theory Exam in the Spring. **Assignments:** Daily homework, written quizzes, unit tests, computer aided instruction, and music writing assignments and projects.

Philharmonic Orchestra (9)
Symphonic/Chamber Orchestra (10, 11, 12)

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....Satisfactory proficiency on an orchestral string instrument; Chamber Orchestra is Audition-Only; Participation in Islander orchestra or permission of the instructor
Graduation Content Requirement: .....Fine Arts
Fees: .....See chart

Course Description: The MIHS Orchestra classes study standard string and symphonic literature. Age-appropriate technical development is emphasized. Students in the Symphonic Orchestra may audition for the Chamber Orchestra. Assessment includes participation, concerts, and tests. Evening rehearsals and concerts are required for this class.

Steel Band (1st year)
Advanced Steel Band (10, 11, 12)

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....2 semesters/1 credit
Recommended Preparation: .....None for Steel Band; one year Steel Band or teacher permission for Advanced Steel Band
Graduation Content Requirement: .....Fine Arts
Fees: .....Uniform (usually T-shirt) to be selected each year; see chart

Course Description: Each level of Steel Band explores the performance of traditional Steel Band Music of the Caribbean. Core competencies include correct performance practice, style, improvisation, music theory and history as applied to the Steel Pans. Students in Advanced Steel Band expand their knowledge to include other genres and more complex music. Each class performs required concerts outside of class time. You will be assessed on in-class participation, tests, and performances. Focused use of in-class time is emphasized.

Dance Production and Choreography

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....1 semesters/0.5 credit
Graduation Content Requirement: .....Fine Arts/CCR
Fees: .....None

Course Description: Designed for those new to dance, students will develop and practice basic dance skills in a variety of dance styles, including jazz, salsa, ballet, tap, modern and hip-hop. The course will also include techniques in choreography, as well as dance history, helping students to understand varied dance forms as a reflection of culture and history. Students choreograph their own pieces, develop and deliver performance critiques, and participate in performances. This course includes instruction on stage make-up techniques, costume design and construction, lighting design, stagecraft, advertising, budget development, and front of the house management. Students have the opportunity to perform, direct, and manage the business of a full-scale dance production in the fall semester. In the spring semester, students will create, produce, and choreograph a full-length production for public performance.

Drama Improv

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....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: .....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

2.00 credits of Fine Arts (or 1.00 Fine Arts + 1.00 Personalized Pathway Requirement) are required for graduation.

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, CCR
Fees: .....Student must provide a 9x12 sketch book or be comfortable in Notability

Course Description: You will experience the two major areas of ceramics: hand-building 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. 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 4-5 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, CCR
Fees: .....Student must provide a 9x12 sketch book or be comfortable in Notability

Course Description: This course will expand on previous hand building techniques 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 an independent 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, CCR
Fees: .....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, CCR
Fees: .....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.

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 2-D Art and 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: .....Student must provide optional materials and a 9”x12” sketch book; Fee for AP Portfolio Assessment, approximately $125

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 two portfolios to meet the AP Studio Art requirements: Selected Works, your 5 strongest artworks, and a Sustained Investigation (15 images carefully developed around specific inquiry questions that incorporate the Elements and Principles of Art. Your Sustained Investigation requires artistic risk and experimentation beyond traditional digital photography. 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.

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: .....Fee for AP portfolio, approximately $125; 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 $125; 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. In the spring you may submit a portfolio to the College Board for the AP evaluation. You will create two portfolios to meet the AP Studio Art requirements: Selected Works, your 5 strongest artworks, and a Sustained Investigation (15 artworks carefully developed around specific inquiry questions that incorporate the Elements and Principles of Art). Your Sustained Investigation requires artistic risk and experimentation beyond traditional drawing skills. 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.

Glass Art

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

Eligible for Graphic Design, Photoshop (DMA 103) credit through Bellevue College

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....1 semester/.5 credit
Recommended Preparation: .....Graphic Design
Graduation Content Requirement: .....Fine Arts, CCR
Fees: .....Student must provide some optional materials
Special Credit Available.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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: .....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: .....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 ◈

Eligible for Imaging Foundations (DMA 103) credit through Bellevue College, or Image Editing 1 with Photoshop (MMDP 122) credit through 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
Special Credit Available:.....PNWCC–(CTE Dual Credit) available, based on course grade and. registration; fee may apply, approximately $50

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 on a blog, critique professional and peer images, write self-reflections and artist statements, 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, macro, bokeh, portraiture, and a variety of Photoshop® skills, such as use of layers, tools, text, and blending modes. You will demonstrate your understanding of the elements and principles of design as you begin to define your artistic voice through photography.Advanced Digital 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

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

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.

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: 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

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 $250 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 = 1.0 credit equivalency). Grade is Pass/No Credit.

Health Education

Image

Eligible for Wellness for Healthcare (HLTH145) credit through Bellevue College

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....1 semester/.5 credit
Recommended Preparation: .....None
Graduation Content Requirement: .....Health Education, CCR
Fees: .....None
Special Credit Available:.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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 nutrition and cooking, stress management and fitness, financial health, communication skills, and personal health concerns. Other topics may include issues dictated by students' needs. You will become trained and certified in CPR and First Aid as well as earning your Food Handler's Permit. You will have the opportunity to learn from outstanding professionals and community members.

Crest Learning Center Courses

Crest Learning Center, located a short walk from the main MIHS building, houses the alternative high school program. Admission to this program is by application; acceptance is based on a selection process involving administrators, counselors, and teachers. The Crest program provides each student with a faculty advisor/mentor, smaller class size, and a highly personalized, project-based learning experience. Students are expected to participate both academically and in accordance with the Crest Essentials (Community, Healthy Relationships, Work Ethic, and Fun). Students are asked to sign a Commitment Agreement when accepted to the program. Students also are expected to lead two parent conferences each year. Course offerings typically include: English, Social Studies, Horticulture, and some mathematics options. Independent coursework also may be offered, and additional course offerings vary by semester. Most students that attend Crest take courses concurrently at the main campus.

English 9/Business Communications & Technology Block

Grade Level:.....9
Duration/Credit: .....2 semesters/1 credit English
2 semesters/1 credit CCR
Eligibility: .....Crest application
Graduation Content Requirement: .....English and CCR
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

English 10/Modern World History Block

Grade Level:.....10
Duration/Credit: .....2 semesters/1 credit English
2 semesters/1 credit World History/Social Studies
Eligibility: .....Crest application
Graduation Content Requirement: .....English and World History
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

English 11/US History Block

Grade Level:.....11
Duration/Credit: .....2 semesters/1 credit American Literature
2 semesters/1 credit American History
Eligibility: .....Crest application
Graduation Content Requirement: .....English and US History
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

English 12/Senior Social Studies Block

Grade Level:.....12
Duration/Credit: .....2 semesters/1 credit English
2 semesters/1 credit Contemporary Issues/Civics
Eligibility: .....Crest application
Graduation Content Requirement: .....English and Social Studies (Civics, Contemporary World Issues)
Fees: .....None

Course Description: The Language Arts/Social Studies Block at Crest consists of the following courses for grade-level students: English 9/Business Communications/Technology, English 10/Modern World History, English 11/US History, and English 12/Senior Social Studies. You will join with students from all grades in one Block class, maximizing the opportunity for multi-age grouping and cross-curricular projects and discussions. The course will prepare you for citizenship in a global, digital world through individual and group project-based learning experiences, participation in small group and whole class discussions, and exploration of themes. The instruction will emphasize Common Core standards as a framework for projects, readings, writings, and assessments.

Career Readiness

Grade Level:.....11, 12
Duration/Credit: .....1 semester/.5 credit
Eligibility: .....Crest application
Graduation Content Requirement: .....CCR
Fees: .....None

Course Description: This semester-long course is designed to help you prepare for life after high school. The program has three phases: (1) Discover: you will complete assessments to help you identify your personality type and strengths, and to develop an individual career vision statement; (2) Explore: you will complete research to identify careers and/or post-secondary educational or vocational programs that align with your vision statement; you will conduct informational interviews with people in your chosen field; (3) Plan: you will work on professional presence, including writing appropriate e-mails and thank you notes, assessing your professional appearance, establishing a LinkedIn account, creating a resume, and taking part in mock interviews.

Creative Writing

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....1 semester/.5 credit
Eligibility: .....Crest application
Graduation Content Requirement: .....Elective
Fees: .....None

Course Description: Your story belongs uniquely to you. Being able to understand and communicate that story are essential skills for successful citizens of the world. Creative Writing: The Power of Your Story, aims to strengthen your writing in multiple styles and genres; poetry, fiction, non-fiction, epistle, podcast, and genreless. This course will prepare you to be successful in producing clear, coherent writing in which the development, organization, and style are appropriate to the task, purpose, and audience.

Horticulture ◈

May be eligible for Plant Science (HORT 102) and Plant Propagation (HORT 229) through Edmonds Community College

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
Special Credit Available.....PNWCC available, based on course grade and registration; fee may apply, approximately $50

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.

Please note: Freshmen who take Horticulture are strongly encouraged to take Chemistry 1/Physics 1 their sophomore year, to ensure adequate preparation for Biology, and the Washington Comprehensive Assessment of Science (WCAS).

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 MultiView scientific calculator

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. This course is offered at the main campus and at Crest.

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 MultiView scientific calculator

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. This course is offered at the main campus and at Crest.

Bridge to College Mathematics

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

Course Description: Bridge to College Mathematics is a year-long course focusing on the key mathematics readiness standards from Washington State's K-12 Learning Standards for Mathematics (the Common Core State Standards, CCSS-M) as well as the eight Standards for Mathematical Practices. The course is designed to prepare students for entrance into non-calculus pathway introductory college level mathematics courses. The course addresses key learning standards for high school including Algebra 1, statistics, geometry, and Algebra II standards essential for college- and career-readiness. The course is designed to focus on building conceptual understanding, reasoning, and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. For seniors who are successful in this course (or better),the Bridge to College Mathematics course offers guaranteed placement into a college-level course when entering college directly after high school.

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.

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.

WEB-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*. 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, must meet with a teacher/monitor at least once a week, and may need to have a schedule adjustment to accommodate an online course. 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.

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.

Non-Departmental Offerings

Peer Mentor Program

Grade Level:.....9, 10, 11, 12
Duration/Credit: .....1 semester/.5 credit
Recommended Preparation: .....Teacher permission
Graduation Content Requirement: .....Elective, CCR pending
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 their 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.

English			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
English 9	9	None	English
English 9 Honors	9	English 8	English
English 9/Business Communications & Technology (Crest)	9	Crest application	English, CCR
English 10	10	None	English
English 10 Honors	10	English 9 Honors	English
English 10/Modern World History (Crest)	10	Crest application	English, World History
World Studies Block [English 10 World Literature with Modern World History]	10	None	English
World Studies Honors Block [English 10 World Literature Honors with Modern World History Honors]	10	English 9 Honors, Early Civilizations	English
American Studies Block [English 11 American Literature with US History]	11	None	English
American Studies AP Block [AP English Language & Composition with AP US History]	11	English 10 Honors or World Studies Honors	English
English 11/US History (Crest)	11	Crest application	English, US History
English 12: Comparative Literature	12	None	English
English 12: Film and Comparative Literature	12	None	English
English 12: Race, Identity, and Representation in Comparative Literature	12	None	English
English 12 Honors: Comparative Literature and Media Studies	12	American Studies/AP	English
AP Literature & Composition	12	American Studies/AP	English
English 12/Senior Social Studies (Crest)	12	Crest application	English and Social Studies (Civics, Contemporary World Issues)
English Language Learners Communications	9,10,11,12	Qualify through testing	Elective

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

Mathematics

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
Algebra E1/E2	9	Credit earned for Math 8 or Pre-Algebra	Mathematics Elective
Algebra E3/E4	10	Algebra (E1/E2) or teacher recommendation	Mathematics
Algebra 1	9,10	Credit earned for Pre-Algebra	Mathematics
Geometry	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
Advanced Algebra with Financial Applications	12	At least Algebra 1 (1 full year) and Geometry (1 full year)	Mathematics, CCR pending
Precalculus	11,12 or consultation with Dept. Head	Algebra 2 (1 full year)	Mathematics
Honors Precalculus	11,12 or consultation with Dept. Head	Honors Algebra 2 (1 full year)	Mathematics
Introduction to Calculus	12 or consultation with Dept. Head	Precalculus (1 full year)	Mathematics
AP Calculus-AB	11,12 or consultation with Dept. Head	Precalculus (1 full year)	Mathematics
AP Statistics	11,12 or consultation with Dept. Head	Algebra 2 (1 full year)	Mathematics, CCR
Bridge to College Mathematics (Crest)	12 by permission	None	Mathematics

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

Science			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
Horticulture	9,10,11,12	None	Lab Science, CCR
Chemistry 1/Physics 1	9	None	Lab Science
Chemistry 1/Physics 1 Honors	9	Algebra 1	Lab Science
Biology	10	Chemistry 1/Physics 1 or Chemistry 1H/Physics 1H	Lab Science
Chemistry 2/Physics 2	11,12	Chem 1/Phys 1, Biology, Algebra 1,	Lab Science
Chemistry 2 Honors/Physics 2 Honors	10 (by permission only) 11,12	Chem 1/Phys 1, Geometry, 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
Earth and Space Science	11,12	Chem 1/Phys 1, Biology	Lab Science
AP Biology	11,12	Biology, full year of Chemistry (Chemistry 2H recommended)	Lab Science
AP Chemistry	11,12	Biology, full year of Chemistry (Chemistry 2H recommended)	Lab Science
AP Environmental Science	11,12	Biology, Chemistry (1 semester) / Physics (1 semester) minimum 1 year of Algebra	Lab Science, CCR
AP Physics 2	11,12	Full year of Physics, Algebra 2	Lab Science
AP Physics C Mechanics	11,12	Full year of Physics, Calculus (or concurrent enrollment)	Lab Science

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

Social Studies

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
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
Modern World History Honors	10	Early Civilizations, yearlong or semester	SS Elective
World Studies Block [Modern World History with English 10 World Literature]	10	None	SS Elective
World Studies Honors Block [Modern World History Honors with English 10 World Literature Honors]	10	Early Civilizations	SS Elective
American Studies Block [US History with English II American Literature]	11	None	US History
US History/English 11 (Crest)	11	Crest Application	US History, English
American Studies AP Block [AP US History with AP English Language and Composition]	11	English 10 Honors or World Studies Honors/ World History Honors	US History
International Studies	12	None	Contemporary Issues
AP Comparative Government and Politics	12	American Studies/AP US History	Contemporary Issues and Civics
AP Comparative Government and Politics Block [AP Comparative Government and Politics with English 12 Honors: Contemporary Literature and Media Studies]	12	American Studies/AP US History	Contemporary Issues and Civics (1.0)
Civics	12	None	Civics/Cont Issues (.5)
Senior Social Studies/English 12 (Crest)	12	Crest Application	English and Social Studies (Civics, Contemporary World Issues)
AP Macroeconomics	11,12	None	Cont Issues or CCR (SS requirement)
International Entrepreneurship	11,12	Previous business course, Micro- or Macroeconomics, teacher recommendation, and personal interview	CCR, Cont Issues

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

World Language

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
French 1	9,10,11,12	None	World Language
French 2	9,10,11,12	French 1**	World Language
French 3	9,10,11,12	French 2	World Language
French 4	9,10,11,12	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	Mandarin Chinese 1**	World Language
Mandarin Chinese 3	9,10,11,12	Mandarin Chinese 2	World Language
UWHS Chinese 103 (Chinese 4)	10,11,12	Mandarin Chinese 3	World Language
AP Chinese Language & Culture	11,12	UWHS Chinese 103	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
UWHS Spanish 103 (Spanish 4)	10,11,12	Spanish 3	World Language
AP Spanish Language and Culture	11,12	UWHS Spanish 103 (Spanish 4)	World Language

**IMS students qualify for level 2 with 5 trimesters of level 1 in grades 7 and 8.

College and Career Readiness

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
CCR Business			
Accounting & Finance	9,10,11,12	Algebra 1	CCR
Business and Personal Law	10,11,12	None	CCR
Personal Finance	10,11,12	Algebra 1	CCR, Alternative math in grade 12
Business Communications & Technology	9	None	CCR
AP Macroeconomics	11,12	None	CCR, Contemporary Issues (SS requirement)
AP Microeconomics	11,12	None	CCR
CCR Marketing			
Marketing [DECA]	10,11,12	None	CCR
Advanced Marketing	11,12	Marketing	CCR
Retail Store Management	10,11,12	Marketing and teacher permission	CCR
Leadership	9,10,11,12	Election to ASB or class office, or appointment to representative position	Elective

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

College and Career Readiness continued			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
International Entrepreneurship	12	Previous business course, Micro-or Macroeconomics, teacher recommendation, and personal interview	CCR, Contemporary Issues

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

College and Career Readiness continued			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
CCR Health Education and Family & Consumer Sciences			
Image	9,10,11,12	None	Health, CCR
Personal and Family Relationships	11,12	None	Health, CCR
Culinary Arts	9,10,11,12	None	CCR
AP Psychology	11,12	None	CCR
CCR Mathematics			
Applied Geometry	9,10,11	Algebra 1 (1 full year)	Math, CCR-pending
CCR–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
Horticulture	9,10,11,12	None	CCR, Lab Science
CCR Media and Broadcasting			
Radio Broadcasting and Technology	9,10,11,12	None	CCR
Adv. Radio Broadcasting and Technology	10,11,12	Radio Broadcasting and teacher permission	CCR
Media (Video) Technology	9,10,11,12	None	CCR
Advanced Media (Advanced Video) Technology	10,11,12	Video Arts or teacher permission	CCR
Cybersecurity	9,10,11,12	Some computer science experience	CCR
Drones	9,10,11,12	Some computer science experience	CCR
Applied Broadcast Media and Radio Operations (ABRO)	11,12	Intro and Advanced Broadcast Media and permission of instructor	CCR
CCR Technology			
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	Chemistry 1, Physics 1	CCR, Special math in grade 12
Advanced Robotics	10,11,12	Intro to Robotics	CCR
CCR Information Technology			
AP Computer Science	9,10,11,12	Algebra 1	CCR, Special math in grade 12
Computer Programming and Game Design	9,10,11,12	None	CCR
Music Technology	9,10,11,12	None	CCR, Fine Arts

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

College and Career Readiness continued			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
Advanced Music Technology	10,11,12	Music Technology	CCR, Fine Arts
AP Statistics	11,12 or consultation with Dept. Head	Algebra 2 (1 full year)	Mathematics, CCR
Advanced Applications	10,11,12	AP Computer Science	CCR

CCR Arts and Publications			
Glass Art	9,10,11,12	None	Fine Arts, CCR
Advanced Glass Art	9,10,11,12	Glass Art	Fine Arts, CCR
Ceramics	9,10,11,12	None	Fine Arts, CCR
Advanced Ceramics	9,10,11,12	Ceramics	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 Photography	Fine Arts, CCR
AP Studio Art 2-D Design	11,12	Digital Photo, Adv. Digital Photo, and teacher permission	Fine Arts, CCR
Dance Production and Choreography	9,10,11,12	None	Fine Arts, CCR
Wheel Thrown Ceramics	9,10,11,12	None	Fine Arts, CCR
Advanced Wheel Thrown Ceramics	9,10,11,12	Wheel Thrown Ceramics	Fine Arts, CCR
Journalism	9,10,11,12	None	CCR
Advanced Journalism	10,11,12	Journalism and teacher permission	CCR
Creative Writing and Publishing	10,11,12	None	10, 11, 12 CCR credit only
Yearbook	9,10,11,12	Teacher permission	CCR, Fine Arts

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

Fine Arts/Performing Arts

Courses	Target Grade(s)	Recommended Preparation (Complete this first)	Credit Type (Equivalency)
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	None	Fine Arts
Jazz Choir	10,11,12	Audition, Bel Canto Choir (1 full year)	Fine Arts
Concert Band (9) Symphonic Band/Wind Symphony/Wind Ensemble (10, 11, 12)	9,10,11,12	Meet musical and behavior expectation of previous year's ensemble	Fine Arts
Instrumental Techniques [Percussion Ensemble]	10,11,12	Meet musical and behavior expectation of previous year's ensemble	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
AP Music Theory	10,11,12	Knowledge of treble and bass clef pitches; familiarity with music notation	Fine Arts
Philharmonic Orchestra (9) Symphonic/Chamber Orchestra (10, 11, 12)	9,10,11,12	Satisfactory proficiency on an orchestral string instrument; Chamber Orchestra is Audition-Only; Participation in Islander Orchestra or permission of the instructor	Fine Arts
Steel Band (1st year) Advanced Steel Band (10, 11, 12)	9,10,11,12	None for Steel Band; one year Steel Band or teacher permission for Adv. Steel Band	Fine Arts
Dance Production and Choreography	9,10,11,12	None	Fine Arts, CCR
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

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

Fine Arts/Visual Arts			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
Ceramics	9,10,11,12	None	Fine Arts, CCR
Advanced Ceramics	9,10,11,12	Ceramics	Fine Arts, CCR
Wheel Thrown Ceramics	9,10,11,12	None	Fine Arts, CCR
Advanced Wheel Thrown Ceramics	9,10,11,12	Wheel Thrown Ceramics	Fine Arts, CCR
Drawing and Painting	9,10,11,12	None	Fine Arts
Advanced Drawing and Painting	9,10,11,12	Drawing and Painting	Fine Arts
AP 2-D Art and Design	11,12	Dig Photo, Adv Dig Photo, and teacher permission	Fine Arts, CCR
AP Studio Art-3D Design	11,12	Beg. and Adv. Courses in a specific 3-D medium and teacher permission	Fine Arts
AP Studio Art Drawing	11,12	Drawing and Painting and Advanced Drawing and Painting	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

Mercer Island High School Course Offerings

Some courses listed do not run in every academic year.

Physical Education			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
Net Sports	9,10,11,12	None	PE
Advanced 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
Health Education			
Image	9,10,11,12	None	Health, CCR
Personal and Family Relationships	11,12	None	Health, CCR

Crest Learning Center			
Courses	**Target Grade(s)**	**Recommended Preparation (Complete this first)**	**Credit Type (Equivalency)**
English 9/Business Communications & Technology Block	9	Crest Application	English & CCR
English 10/Modern World History	10	Crest Application	Eng & World Hist
English 11/US History Block	11	Crest Application	Eng & US History
English 12/Senior Social Studies Block	12	Crest Application	Eng & Social Studies (Civics, Cont World Issues)
Career Readiness	11,12	Crest Application	CCR
Creative Writing	9,10,11,12	Crest Application	Elective
Horticulture	9,10,11,12	None	Lab Sci, CCR
Math Lab	9,10,11,12	None	Elective
Algebra 1	9,10	Credit earned for Pre-Algebra	Mathematics
Geometry	9,10,11	Algebra 1 (1 full year)	Mathematics
Bridge to College Mathematics	12	None	Mathematics

Notes

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): 骚扰、恐吓和欺凌(HIB) 协调员:	Erin C. Battersby (206) 230-6227 *erin.battersby@mercerislandschools.org*
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 *erin.battersby@mercerislandschools.org*
Section 504 & ADA Coordinator: Coordinadora de la Sección 504 y ADA: 504 条款及残障保护协调员:	Nova Williams (206) 236-4510 *nova.williams@mercerislandschools.org*
Civil Rights Compliance Coordinator: Coordinador de Derechos Civiles: 民权合规协调员:	Erin C. Battersby (206) 230-6227 *erin.battersby@mercerislandschools.org*

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。