

BALLARD HIGH SCHOOL

COURSE CATALOG

2018-2019



*Ballard High School is an inclusive, supportive community
that cultivates a tradition of excellence for all students.*

- adopted May 2008

ballardhs.seattleschools.org

Table of Contents

Ballard High School Course Catalog 2018-2019.....	1
Introduction	3
Important Policies.....	3
Ballard High School Valedictorian/Salutatorian Policy.....	4
Opportunities to Earn College Credit at BHS.....	5
Special Programs	5
Off Campus Vocational Programs	6
Academies and Pathways	6
Academy of Finance.....	6
Biotechnology Career Academy	8
Digital Filmmaking Pathway.....	10
Maritime & Science Technology	12
Project Lead-the-Way Pathway.....	13
Departments	14
Art Department.....	14
Career & Technical Education (CTE).....	16
English Language Arts Department	21
English Language Learners (ELL) Courses	24
Family and Consumer Sciences Education Courses	25
Health, Fitness & Physical Development Courses	26
Mathematics Department	27
Performing Arts Department.....	30
Proyecto Saber – Our Cultural Heritage.....	34
Science Department.....	34
Social Studies Department	37
Special Education Department	39
Technical Education Department	42
World Languages Department.....	45

Introduction

Dear Parents, Guardians, and Students,

The Mission Statement of Ballard High School states that “Ballard High School is an inclusive, supportive community that cultivates a tradition of excellence for all students.” Ballard High School is a comprehensive school with a wide variety of classes and programs. Our focus areas have revolved around challenging all students academically, building strong relationships and building community for all our students. We offer support to students with an after-school tutorial and we encourage all students to challenge themselves by enrolling in Advanced Placement or UW in the High Schools classes that will help prepare them for the rigors of college and career.

The purpose of this catalog is to familiarize students and parents with information about school procedures, curriculum, graduation requirements, and post-secondary planning. While this catalog is intended to be definitive, elective courses are offered based on student sign-up and staffing availability. Therefore, it is important to list alternate requests when registering in case your first choice is not available. I hope that you use this catalog as a planning guide throughout your four years at Ballard and beyond.

Keven Wynkoop
Principal

Important Policies

Yearlong Scheduling: Ballard High School students register for the following year’s classes in the spring. Both semesters’ courses are selected at this time. **Students will remain with the same teacher for the full year in yearlong courses. Students should choose courses carefully as schedule changes are extremely limited, and withdrawing from a course can result in a W or an E on the transcript.**

Late Arrivals/Early Dismissals: It is strongly recommended that ninth and tenth grade students take a full schedule of six classes. Eleventh and twelfth grade students may choose late arrivals or early dismissals. No empty periods are allowed in the middle of a student’s daily schedule.

Grading System: Grades of A, A-, B+, B, B-, C+, C, C-, D+ and D indicate credit earned in a class. An E grade indicates course failure and results in no credit earned. If a student wishes to take a class for a Pass/No Pass grade, this must be requested by the fifth week of the semester and may be chosen for only one course per semester. Students who are withdrawn from a class after the fifth week of the semester will earn an “E” on their transcript for that course unless the withdrawal is due to a move to another school. Classes dropped after the 10th day of the semester but before the 5th week of the semester will result in a “W” on the student’s transcript. Incompletes are rarely given and must be completed within six school weeks of the end of the grading period or the Incomplete will become an E grade. All classes earn .50 semester credit, with the exception of TA (teacher assistant) positions which earn .25 semester credit.

Percent (%) grading scale: A=93-100, A- =90-92, B+=87-89, B=83-86, B-=80-82, C+=77-79, C=73-76, C-=70-72, D+=67-69, D=60-66, E=0-59

Report Cards and Progress Reports: Semester report cards are issued twice a year and distributed to students and families. Semester grades are posted to the official transcript. Progress Reports are mailed out after 5 weeks into the quarter to those getting a D or an E and entire freshmen class.

Weighted Class Rank: Class rank is an indicator requested by some colleges and universities, scholarship programs, and some employers. A weighted class rank system is intended to recognize students who take more rigorous academic courses. These include courses designated as Honors (H), Advanced Placement (AP), College in the High School (CIHS) and Running Start (HRS). Honors courses earn a half weighting point; AP, CIHS, and HRS courses earn a full weighting

point. **The weighted ranking process does not affect the GPA. The highest attainable GPA is 4.0 (WAC 180-57-050).** Valedictorian(s) and Salutatorian(s) are based on cumulative weighted rank as of 1st semester senior year.

Ballard High School Valedictorian/Salutatorian Policy

Ballard's Valedictorian must:

1. have the highest weighted Class Rank after the first semester of the Senior year. Additional courses taken beyond the six period day will not be counted towards the calculation of the student's Class Rank for purposes of determining Valedictorian, except in the case of Running Start courses, for which all credits through Fall quarter of senior year will be counted.
2. have been a full time student (six classes each semester) on Ballard's campus, including Running Start courses, all four years
3. have no "E" or "N" grades on the transcript.
4. have no Teacher or Office Assistant classes on transcript

Ballard's Salutatorian(s) must:

1. have the second highest weighted Class Rank after the first semester of the Senior year. Additional courses taken beyond the six period day will not be counted towards the calculation of the student's Class Rank for purposes of determining Salutatorian, except in the case of Running Start courses, for which all credits through Fall quarter of senior year will be counted.
2. have been a full time student (six classes each semester) on Ballard's campus, including Running Start courses, for at least three years
3. have no "E" or "N" grades on the transcript
4. have no Teacher or Office Assistant classes on transcript

High School Credit for Middle School Courses: High School credit is available for some pre-approved middle school courses. Requests for credit must be received by the end of the student's senior year or before a student withdraws from the Seattle School District. See your counselor for details.

Making Up a Required Course: To graduate, students must pass all required courses and have a 2.0 grade point *average* in core subjects (language arts, social studies, math, and science) and cumulatively as well. If a student fails a required course or wishes to raise the GPA by repeating a course, he/she generally must expect to take that course through an after school or summer school credit retrieval program if available, or through an accredited program outside of Ballard High School.

Course Fees: We believe students should be able to take courses of their choice regardless of their ability to pay required course fees. Course fees will be waived for students who qualify for free/reduced lunch.

TA (Teacher or Office Assistant) Students may take only one TA position per semester. Such credits may not exceed a total of 2.0 credits. Teacher Assistant positions earn .25 credit and a P/N grade. Office Assistant positions earn .50 credit and a P/N grade. Please be aware that TA positions can negatively impact athletic eligibility, Valedictorian/Salutatorian standing, and PE waiver availability, so students are advised to consider this decision carefully before deciding to take a TA position.

Athletic Eligibility: To play on a school sports team, students must have earned a grade point of 2.0 or higher in five subjects during the previous semester of school. Continuing eligibility will require a student athlete to earn no less than a 2.0 grade point average in five subject areas (2.5 credits) as reported on their current report card. **TA classes, lab assistants and PE waivers cannot be counted as one of the five classes for eligibility.**

NCAA Athletic Eligibility: Students interested in participating in college athletics after high school need to be aware that additional academic courses are required for eligibility and not all courses are approved for NCAA eligibility. Student athletes must also register with the NCAA Eligibility Center, preferably during the junior year. Visit the NCAA website eligibilitycenter.org and see the athletic director or your counselor for more information. Please be aware that many

NCAA academic requirements must be met *before* the senior year, so student athletes should inform themselves of these requirements.

Opportunities to Earn College Credit at BHS

Advanced Placement (AP) courses: Students in AP courses *might* earn college credit and/or advanced placement in college if they perform well on AP exams given in May and if their college of choice accepts the AP exam for credit. *College credit is not guaranteed but rather is determined by each individual college upon the student's enrollment in that college.* AP courses at Ballard High School prepare students for these exams and offer a rigorous subject study available. **Please note:** AP offerings may vary from year to year depending on student interest and staffing. Prerequisites for AP courses are outlined in the course descriptions in this catalog. There is a fee for students taking the AP exams. Students should see the Ballard High School Academic Intervention Specialist/Testing Coordinator if they need fee assistance.

College in the High School (CIHS) University of Washington courses: The University of Washington College in the High School program allows Ballard High School students the opportunity to earn University of Washington credit for UW courses taken at Ballard High School. Ballard High teachers use UW curriculum, activities, texts, tests, and grading scales. For a reduced tuition fee, students who meet the grading criteria may purchase college credit. ****Please note: As of this publication date, the Washington state legislature has determined that only 10th-12th grade students may purchase CIHS UW credit. This rule might change in the future to allow younger students to purchase credit, but this is currently not the case. 9th grade students are welcomed to take CIHS courses, but they must be aware that, unless the rule is changed, they will not be allowed to purchase UW credit for these courses.** For more information, see individual course descriptions in this catalog.

Running Start: This program for 11th and 12th graders allows students to take classes at the community college and earn high school and college credit simultaneously. Tuition is free for a maximum of 15 credits per quarter in college-level courses numbered 100 or higher. However, the number of college credits each student may take free of tuition costs is limited by the number of classes the student is concurrently taking at the high school. Students are responsible for tuition for pre-college courses (numbering below 100) and any credits that exceed their allowable limit. Students are responsible for the cost of books and transportation. Priority application deadline for fall term is May 1. For winter and spring term deadlines, please see the Counseling Center as these deadlines vary between colleges. Students who are interested in the Running Start program should visit the community college websites and make an appointment with their Ballard High School counselor for more information. Please see the Counseling Center tab on the Ballard High School website for steps to getting started in Running Start.

Seattle Tech-Prep: This program allows students to take courses in a career area and earn high school and community college credit concurrently, free of charge. Students must have a B in the high school class to qualify for college credit. Selected courses in the Business Department, Family & Consumer Science Department, and Technical Education Department qualify for Tech-Prep credit. Check each department's section in this catalog to read about these classes.

Skills Centers and City Campus Courses: Some Skills Center and City Campus courses can result in community college credit. See specific course descriptions below in the Special Programs section.

Special Programs

PROYECTO SABER - OUR CULTURAL HERITAGE

The objectives of Our Cultural Heritage are that all students will perform at grade level or higher, that they will meet exit criteria for all classes, and that they will meet graduation requirements.

Students in 9th through 12th grade explore their cultural heritage through a variety of subjects. The class includes journal writing, artwork and special projects submitted for a letter grade. Practice and mastery of essential skills needed for

academic achievement are promoted through tutorial assistance, intervention and advocacy. Performance in other classes is closely monitored and is part of the overall grade in Proyecto. Credit retrieval is available.

Los objetivos de Nuestro Patrimonio Cultural son que todos los estudiantes se desempeñen a nivel de grado o superior, que cumplan con los criterios de salida para todas las clases y que cumplan con los requisitos de graduación.

Los estudiantes de 9 a 12 grado exploran su herencia cultural a través de una variedad de materias. La clase incluye redacción de diarios, obras de arte y proyectos especiales presentados para una calificación de letra. La práctica y el dominio de las habilidades esenciales necesarias para el logro académico se promueven a través de la asistencia tutorial, la intervención y la defensa. El rendimiento en otras clases se monitorea de cerca y es parte de la calificación general en Proyecto. La recuperación de crédito está disponible.

Off Campus Vocational Programs

Seattle Public Schools Skills Center

A **Skills Center** is secondary public education that delivers advanced, free Career and Technical Education to high school students who are at least 16 years old. Students attend classes every day off-site as part of their regular school day. Ultimately, completion of Skills Center programs will earn industry certifications. If the Skills Center program is not located at the student's home school, the student will travel to the school where the program is offered. Students should consult their counselor to see if the Skills Center is a good fit for them and to pick up an application. Check out the Skills Center and print an application from the SPS Career and Technical Education website at: www.seattleschools.org In the main navigation, select *Academics > College and Career Readiness*, then in the left-hand navigation, select *Career and Technical Education*; or go to the Skills Center Facebook page. **Skills Center applications are available on the website, and in the Ballard High School Counseling Center. Call 206-252-0730 for more information.**

Visit the [Skills Center website](#) to see all the programs and courses offered throughout the school year.

Academies and Pathways

For those students seeking a thematic, integrated approach to their studies in high school, Ballard High School offers these academies and pathways: **Academy of Finance, Biotechnology Academy, Digital Filmmaking Pathway, Maritime Science and Technology at the Skills Center and Project Lead-the-Way Pathway.** These programs offer a specific career/academic focus and may also offer internship and job shadowing opportunities. Students are grouped together in a variety of classes during their high school years. Applications are available on the Ballard High School website ballardhs.seattleschools.org or in the Ballard High School Counseling Center and from teachers in that subject area. The application deadline for students currently in grade 8 may be found on the Yearlong Registration Form and the letter mailed to students in the spring with registration materials.

Academy of Finance

Academy of Finance – The Academy of Finance is part of the National Academy Association, NAF naf.org. The Academy of Finance connect high school students with the world of financial services, offering a curriculum that covers entrepreneurship, banking and credit, financial planning, international finance, securities, insurance, accounting, and economics, among other topics. The Academy of Finance curriculum & certification is being validated by the Council for Economic Education. The program includes: a workplace (Internship) experience between Junior and Senior year, career conferences, interview & resume prep, a college exploratory course at Seattle University (1 college Credit), regular support from our professional board, and a financial education trip to New York City. Students should take at least one of the prerequisites: Accounting, Entrepreneurship, Marketing or Sports Marketing. Any exceptions must have department approval.

How to Apply

Applications to the Academy are due in March of the 10th grade year. Applications are also accepted in March of the 9th grade year. Applications may be obtained through your business education teacher or in the Ballard High School Counseling Center.

Sequence of Courses

Grade 9 or 10: take prerequisite(s) referred to above

Grade 11: Principles of Finance/Business Economics

Grade 12: Business in a Global Economy/Ethics in Business

Descriptions of prerequisites are listed in the Business Ed. section and are open to non-Academy students as well. Complete course descriptions for Academy of Finance courses are listed in the Business Ed. section.

Academy of Finance Courses

HCT1253 PRINCIPLES OF FINANCE

Length/Credit: 1 semester/ .5 credit – 1st semester/11th Grade

Prerequisite: Academy of Finance or instructor permission

This is the first course students take in the Academy of Finance and introduces students to the financial world & how it impacts them. Students develop financial literacy as they learn about the function of finance in society. Students learn the basics of finances and study in depth the benefits & risks of income, investments, credit, insurance and financial planning.

HCT125 BUSINESS ECONOMICS

Length/Credit: 1 semester/ .5 credit – 2nd semester/ 11th Grade

Prerequisite: Academy of Finance or instructor permission

Business Economics introduces students to the key concepts of economics as they pertain to business. This course discusses the American economy and the factors that influence the success of businesses and products. It describes forms of business ownership, discusses the relationship of labor and business, and provides a broad overview of the global economy.

HCT1255 BUSINESS IN A GLOBAL ECONOMY

Length/Credit: 1 semester/ .5 credit – 1st semester/12th Grade

Prerequisite: Academy of Finance or instructor permission

Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally, and to the potential opportunities available to those businesses.

HCT1256 ETHICS IN BUSINESS

Length/Credit: 1 semester/ .5 credit – 2nd semester/12th Grade

Prerequisite: Academy of Finance or instructor permission

This course introduces the importance of ethics in business. Students study the concepts of ethics in social responsibility, organizational culture, legal compliance, international relationships, the free market & employment.

Biotechnology Career Academy

A specialized learning program that brings together science, mathematics, and language arts to prepare students for advanced study and a career in science.

Integrated Curriculum Includes Science, Mathematics, and Language Arts

In the Biotechnology Career Academy students are encouraged to learn how science, math, and language arts work together. They will study advanced mathematics and use it in the context of biology, chemistry, and genetics. This program offers a rigorous study of reading and writing that will promote connections between science and literature with an emphasis on scientific discovery. There is also extra help for those who struggle with math or just want to get ahead. Students will enjoy exciting but demanding labs, working with the same high-tech equipment used by scientists.

Entering the Program

Students may enter the 3-year program at the beginning of their freshman or sophomore years. Students entering the program must qualify for Geometry (have completed Algebra 1). There is an application process for all students, which for ninth graders includes assignment to BHS. Application deadline for current eighth grade students: Please refer to the Yearlong Registration Form and letter mailed to students in the spring with registration materials. Applications are available on the Ballard High School website ballardhs.seattleschools.org or in the Ballard High School Counseling Center and must be returned by the posted deadlines. Any freshman wishing to enter the program his/her sophomore year is strongly encouraged to contact one of the Biotechnology Academy faculty:

Science: Ms. Penny Pagels, pepagels@seattleschools.org

Language Arts: Mr. Joe Kelly, jpkelly@seattleschools.org

Math: Mr. Jan Drabek, jsdrabek@seattleschools.org

Academic Support

The faculty of the Biotechnology Career Academy is committed to the academic success of every student in the program. Academic support will be provided for students directly with the faculty and/or in conjunction with other BHS services, including tutoring, extra study sessions, advising, and providing extra support materials. These services are available for every student in the program as well as students who would like to enter the program the following year. As part of our efforts to include all students, we are committed to helping bring any interested student up to the necessary academic entrance requirements.

Culminating EXPO Project and Internships

During the Genetics part of the curriculum, the Academy students are **required** to prepare for a science fair project, called the Student BioExpo. This is a culminating project for the Academy that draws on the skills learned in LA, math and science components of the program (i.e. conservation project, Imagine Tomorrow, poster and manuscript project). A limited number of students will also be encouraged to prepare dossier submissions for obtaining a summer internship at a local biotechnology company or organization. If selected for an internship, the students need to decide if the internship is for resume building or for Continuing Technical Education credit as the requirements for each are somewhat different

Biotechnology Career Academy Integrated Course Requirements

Option A: Begin program in 9th grade. Note: Option A students may choose different courses their senior year.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
*Biology	*Chemistry	* Genetics AND Physics 1 & 2 for this year's new entering students	Open
*Geometry (minimum)	*Algebra 2 (minimum)	Open	Open
*Intro to World Lit & Comp 9	*World Lit & Comp 10	* AP LA 11 (BTG)	Advanced Placement Literature or LA 12

*Indicates required Academy courses. These are integrated courses that Academy students take together as a cohort.

Option B: Begin program in 10th grade.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
N/A	* Biology	* Chemistry	* Genetics
N/A	* Geometry (minimum)	* Algebra 2 (minimum)	Open Math or Statistics
N/A	* World Lit & Comp 10	* American Lit & Comp	*Advanced Placement Literature or CIHS

*Indicates required Academy courses. These are integrated courses that Academy students take together as a cohort.

In addition to these courses, Academy students should select electives that fulfill requirements for future pursuits. It is highly recommended that students take computer courses, including Computer Applications I. In addition, students should take at least two years of a foreign language.

Biotechnology Career Academy Courses

HLA3093/3095 INTRODUCTION TO LIT AND COMP 9A and 9B – BIOTECH

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Biotech Academy membership and freshman standing

Introduction to Literature and Composition is a yearlong course that concentrates on guided and critical reading of texts from different genres that reflect themes of identity and self-discovery and where the focus of composition is developing clear and purposeful writing. In the spring, a major unit focuses on creating real-world solutions for environmental issues around the production and consumption of energy. Selected Academy teams will travel to WSU in May to represent Ballard at the Imagine Tomorrow competition (imagine.wsu.edu for more information).

HLA3097/3099 WORLD LIT AND COMP 10A and 10B – BIOTECH

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Biotech Academy membership and sophomore standing

World Literature and Composition is a yearlong course where students read international texts, including four selections from the Seattle Public Schools 10th grade reading list and additional supplemental works including poetry, short stories and nonfiction. The course concentrates on critically reading how the human experience is expressed in literature from around the world. The course prepares students to understand fundamental notions of world or non-western literature reflected in a range of texts and genres. This tenth grade Language Arts class has several inter-curricular units tied directly to the students' Biology or Chemistry class. Major projects in both semesters are linked between the two classes, and they have a Language Arts and Biology or Language Arts and Chemistry component.

HLA3101/3103 AMERICAN LIT AND COMP 11A and 11B – BIOTECH (CHEMISTRY)

HLA2492/2493 AP ENGLISH LANGUAGE & COMPOSITION – BIOTECH (GENETICS)

Length/Credit: Yearlong course/ .5 credit each semester

American Literature and Composition is a yearlong course that concentrates on critically reading different interpretations of the American experience and the American dream, with an emphasis on increased sophistication through reading, writing and speaking. The course prepares students to grapple with the fundamental notions of American identity as it is expressed in a range of texts and genres. In addition to the regular Language Arts curriculum, Biotech Academy students will participate in one or more integrated units with Chemistry and/or Genetics classes. These units will emphasize research and presentation skills.

HMA2692/2694 GEOMETRY A/B – BIOTECH

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Biotech Academy membership

All biotech math classes are block scheduled with English and Biology.

HMA2688/690 ALGEBRA 2A/2B BIOTECH

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Biotech Academy membership

All biotech math classes are block scheduled with English and Chemistry.

HSC1258/1259 BIOLOGY 1/2 – BIOTECH

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Acceptance into Biotech Academy

This course is integrated with Biotech LA9, LA10, and Biotech Math 2. During each semester, there will be two fully integrated units with language arts and mathematics. Special projects: Semester 1 – Conservation; Semester 2 – Ethics.

HSC3111/3211 CHEMISTRY 1/2

Length/Credit: Yearlong college preparatory course/ .5 credit each semester

Prerequisite: Successful completion of Biotech Biology 1/2 and Geometry

This is a traditional algebra-based two semester college preparatory course that is recognized by college acceptance offices nationally. The semester courses will take the students much deeper into the understanding of chemistry than they might get with Chemistry A (PS) or even Chemistry B (PS). These two semester courses will involve the mathematical and laboratory investigation of complex systems including gas laws, molecular structure, kinetics, equilibrium, organic molecules, acid-base interactions and electrochemistry. Students will be expected to complete an integrated project during one of the semesters. *Students will also take the nationally recognized American Chemical Society National High School end of course exam.*

HCT1982/1983 GENETICS 1/2 – BIOTECH

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Successful completion of Biology 1/2 & Chemistry 1/2 Priority enrollment to Biotech Students

This two-semester lab science course focuses on the science of heredity. The second semester focuses on Microbial Genetics. Special culminating Academy project: EXPO presentation.

Digital Filmmaking Pathway

The Digital Filmmaking Pathway supports students in the development of a varied portfolio that can open doors to the industry or college programs of film and television, art, communications, broadcast journalism, media studies, public relations, or advertising.

How to Apply

Although students can take digital filmmaking classes any year, those considering higher education or career options in a media related field are encouraged to enter the pathway no later than their sophomore year. This will provide two years for portfolio development prior to their college application process. Applications can be obtained on the Ballard High School website ballardhs.seattleschools.org or from the Digital Filmmaking Program or in the Ballard High School Counseling Center.

Professional Internships

The pathway provides professional internships supported by Seattle's diverse film & television industry.

Course Credit

All Digital Filmmaking classes fulfill either the **Fine Art** or the **Occupational Education** requirement.

Pathway Description

The Digital Filmmaking Pathway is potentially a four-year program that gives students a wide variety of production skills and a varied portfolio. Students interested in pursuing media-related careers or college programs are encouraged to enroll no later than their sophomore year to begin development of their portfolio.

There is an application process for all students, which for ninth graders includes assignment to BHS. Applications are available on the Ballard High School website ballardhs.seattleschools.org or in the Ballard High School Counseling Center and must be returned by the posted deadlines. Any freshman wishing to enter the program his/her sophomore year is strongly encouraged to contact the Pathway teacher, Matt Lawrence (mplawrence@seattleschools.org). Students earning a "C" or above in Video 1 (Digital Filmmaking) are eligible to apply for Video 2 (Intermediate Digital Filmmaking) the following year. Successful completion of Video 2 allows students to apply for Video 3 (Advanced Digital Filmmaking). Each class introduces new types of production. Video 4 students research an area of special interest and expand their related portfolio.

Entry Level Courses

CFA5633 VIDEO 1 - DIGITAL FILMMAKING

Length/Credit: yearlong course/ .5 credit each semester

Grades: Open to grades 9 & 10

Prerequisite: Application required

This collaborative yearlong intro class will give you a running start developing the portfolio required by college and industry applications. Increase your understanding of media messages as you learn the basic technical and aesthetic elements of film and television production. The course requires written analysis and production of news and commercials. In addition, students study story construction, learn visual storytelling techniques, and produce short narrative films. Students will develop portfolios with work in each of these genres. The finished productions may be shown at school screenings, cablecast and/or broadcast on television, and entered in film festivals.

Advanced Courses

CFA5634 VIDEO 2 - INTERMEDIATE DIGITAL FILMMAKING

Length/Credit: yearlong course/ .5 credit each semester

Grades: Open to grades 10, 11, 12

Prerequisite: C or above in Video 1 and application required

Increase your media production and analysis skills as you complete a variety of film-style projects in this intermediate class. Working in groups, students will demonstrate "industry standard" level competency in the following major

categories: film and video aesthetics, project documentation, script development, sound, camera work, lighting, editing and work ethic in addition to criticism and analysis. Each student will develop a digital portfolio with work in a variety of genres, including client-based advertising and short digital films. Productions may be shown at school screenings, cablecast and/or broadcast on television, and entered in film festivals.

CFA5635 VIDEO 3 – ADVANCED DIGITAL FILMMAKING

Length/Credit: yearlong course/ .5 credit each semester
Grades: Open to grades 11 & 12
Prerequisite: C or above in Video 2 and application required

Continue to expand your film production and analysis skills as you complete a variety of film-style projects in this advanced class. Working in groups, students will demonstrate “industry standard” level competency in the following major categories: film and video aesthetics, project documentation, script development, sound, camera work, lighting, editing and work ethic in addition to criticism and analysis. Each student will develop a digital portfolio with work in a variety of genres, including documentary or music video. Productions may be shown at school screenings, cablecast and/or broadcast on television, and entered in film festivals.

CFA5636 VIDEO 4 – ADVANCED PRODUCTION SKILLS

Length/Credit: yearlong course/ .5 credit each semester
Grades: Open to grade 12
Prerequisite: C or above in Video 3 and application required

Culminating students specialize in a particular area of production. Following individualized research, they bring new skills to this area as they collaborate with peers on a larger production. They also complete a variety of film-style projects in this advanced class. Working in groups, students will demonstrate “industry standard” level competency in the following major categories: film and video aesthetics, project documentation, script development, sound, camera work, lighting, editing and work ethic in addition to criticism and analysis. Each student will develop a digital portfolio with work in a variety of genres. Productions may be shown at school screenings, cablecast and/or broadcast on television, and entered in film festivals.

Maritime & Science Technology

Seattle is surrounded by water and careers in the maritime industry. Prepare for college, career, and the maritime environment in this program. Learn safety, tool identification & proper use, fastener installation, aluminum & titanium metal drilling, the use of composite materials in the maritime manufacturing industry, and gain valuable college and career skills. Geography, map skills, and boating are also essential in this program.

Maritime & Science Technology Courses at Ballard

The classes that Ballard HS offers to compliment this program are:

HCT7374/7376 MARITIME SURVEY I & III

Length/credit: 1st semester/ .5 credit
Prerequisite: Occ. Ed. Credit/10th Grade
Other: Offered 1st semester only

The course is a semester-long introduction to the various marine-related industries in Puget Sound and elsewhere.

HCT7375 MARITIME SKILLS II

Length/credit: Yearlong course/1.0 Occ. Ed. Credit
Prerequisite: 11th grade standing, enrolled in the Maritime Academy and instructor’s permission

This course is the second part of the Maritime-specific courses for the Maritime Academy students. This course centers on skills specific to the maritime trades.

HSC4553/4554 OCEANOGRAPHY

Length/Credit: Yearlong course/.5 credit each semester

Pre-requisite: 11th or 12th grade standing, passing grade in Biology or instructor permission.

This course is an upper level college course that combines elements of geology, chemistry, physics and marine biology. Students learn about the physical processes of the ocean, how the oceans are related to climate, how the oceans circulate and how humans affect the oceans. Students learn with University materials and the course includes many hands-on labs, field trips, lectures, project based learning and interaction with scientists. Special emphasis is given to the waters of Puget Sound and the surrounding area. **University of Washington credit is not available at this time.**

Project Lead-the-Way Pathway

Project Lead-The-Way is a dynamic partnership between schools, colleges and universities, and the private sector that seeks to increase the number of qualified high school students who complete a two- or four-year college engineering or engineering technology program.

How to Apply

Please request Introduction to Engineering Design 1/2 (945) on your Yearlong Registration form.

Grades 9-12: Introduction to Engineering Design ½

Grades 10-12: Principles of Engineering ½

Grades 10-12: Computer Integrated Manufacturing ½

Grade 12: Engineering Design & Development

Pathway Course Descriptions

Please note: Some of these courses are open as single courses to students not in the Project Lead-the-Way Pathway; however, pathway students have priority for spaces in these classes. See the Technical Education section of this catalog for those courses open to all students and for complete descriptions of all courses.

HCT1574/2313 INTRODUCTION TO ENGINEERING DESIGN 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisites: Must have passed or be currently enrolled in Algebra 1 A/B

Grades: 9, 10, 11, 12

Other: Open to non-Pathway students on space available basis

Introduction to Engineering Design is an introductory course which develops student problem solving skills, with emphasis placed upon the concept of developing a 3-D model or solid rendering of an object.

HCT1576/2311 PRINCIPLES OF ENGINEERING 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Introduction to Engineering Design

Grades: 10, 11, 12

Principles of Engineering is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities.

HCT1577/2316 COMPUTER INTEGRATED MANUFACTURING 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Introduction to Engineering Design

Grades: 10, 11, 12

This course builds upon the solid modeling design skills developed in *Introduction to Engineering Design*. Students will be presented with design problems that require the use of Inventor to develop solutions to the problems.

HCT1578/2314 ENGINEERING DESIGN AND DEVELOPMENT

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Introduction to Engineering Design and two other Project Lead-the-Way courses

Grade: 12

In this course, students will work in teams of two to four to design and construct the solution to an engineering problem, applying the principles developed in the preceding four courses.

Departments

Art Department

All art courses require a materials fee. Students who qualify for free/reduced lunch may have fee waived.

2-D Visual Arts Electives

HFA5955 DRAWING & PAINTING

Fee: \$15.00 per semester

Length/Credit: 1 Semester/ .5 Fine Arts Credit

Prerequisite: None

For Drawing and Painting 1, students learn the basics of how to draw and/or improve upon what they already know. We explore the elements and principles of design including in-depth studies of contour line, linear perspective, and shading/value (light and dark) to produce gradually more sophisticated images. We use graphite, charcoal, ink with sumi brush and student-made bamboo pens, mixed media collage, paint and more. Techniques and concepts include drawing from observation, contour line, negative space, shading and perspective. No previous art experience necessary.

HFA5956 DRAWING & PAINTING ADVANCED

Fee: \$15.00 per semester

Length/Credit: 1 Semester/ .5 Fine Arts Credit

Prerequisite: Drawing & Painting 1

For Drawing and Painting 2, students continue their study of 2-dimensional art making. We will explore the possibilities of composition and color theory, and how they combine with previous understandings from Drawing and Painting I to successfully express ideas and feelings. We will study composition and how the principles of design help us create artwork that is more interesting and communicates in a more successful way. We use graphite and charcoal as well as water color, tempera, acrylic paint and mixed media.

HFA5952 ART SURVEY

Fee: \$15.00 per semester

Length/Credit: 1 semester/ .5 Fine Arts Credit

Prerequisite: None

For Art Survey, students survey a broad range of art concepts, techniques and media. Projects may include but are not limited to printmaking with linoleum blocks and Xerox transfers, cardboard construction and surface design, jewelry design with recycled tire inner tubes, as well as more conventional drawing and painting. Study of the elements and principles of design are included in the projects to begin establishing fluency in the language of art. No previous art experience necessary.

HFA5949 AP STUDIO ART DRAWING

Fee: \$50.00 per semester

Length/Credit: Yearlong/ .5 Fine Arts Credit each semester

Prerequisite: Beginning and Advanced Drawing and Painting with a minimum B grade or teacher permission

Other: Open to 11th and 12th graders, **Teacher Permission Required**

This course of study is designed to provide the highly motivated student of art the chance to pursue a college level study in art. The focus of the course is that of building a portfolio of the student's own original work, assembling that portfolio within the guidelines established by the College Board.

CFA3117 PHOTO FOUNDATIONS

Fee: \$50.00 per semester

Length/Credit: 1 semester/ .5 Fine Arts Credit or Occupational Ed

Camera Rental: \$10.00

Prerequisite: Open to grades 10-12

This course is a hands-on class for students who want to learn about the amazing world of black and white photography. Students will learn about camera and lens operation, developing their own film, and making their own prints in black and white. This course will emphasize the principles of photography using a variety of papers, chemicals, lens, and film. Students will also learn to critique their own work and the work of others to better understand good composition in a photograph. Students are also introduced to digital photography in this course.

CFA3119 PHOTO ADVANCED

Fee: \$50.00 per semester

Length/Credit: 1 semester/ .5 Fine Arts Credit or Occupational Ed

Camera Rental: \$10.00

Prerequisite: Photo Foundations with a minimum B grade – open to all grades.

This course is a hands-on class that takes photography to the next level. Students learn a variety of techniques such as solarization, the use of filters, hand coloring, reversing, masking, manipulation photographs and more. This course emphasizes composition and creativity and focuses more on which element of design makes a good photograph. Students interested in pursuing photography as a career will now have the ability to develop their professional portfolio. Students shoot both film and digital throughout the course.

CCT5951 AP PHOTOGRAPHY

Length/Credit: Yearlong/ .5 Fine Arts Credit or Occupational Ed each semester

Fee: \$15

Camera Rental: \$10.00

Prerequisite: Beginning and Advanced Photography with a minimum B grade

Other: Open to 11th and 12th graders, **Teacher Permission Required**

This course of study is designed to provide the highly motivated student of art the chance to pursue a college level study in art. The focus of the course is that of building a portfolio of the student's own original work, assembling that portfolio within the guidelines established by the College Board.

Digital Filmmaking/Video Production Entry Level Course

CFA5633 VIDEO 1 - DIGITAL FILMMAKING

(See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

Digital Filmmaking/Video Production Advanced Courses

CFA5634 VIDEO 2 - INTERMEDIATE DIGITAL FILMMAKING

(See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

CFA5635 VIDEO 3 – ADVANCED DIGITAL FILMMAKING

(See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

CFA5636 VIDEO 4 – ADVANCED PRODUCTION SKILLS

(See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

3-D Visual Arts Electives

HFA5953 CERAMICS

Length/Credit: 1 semester/ .5 Fine Arts Credit

Fee: \$15.00 per semester

Other: Open to Grades 10-12

Prerequisite: None

Within the course of this class you will learn to form shapes in clay using the techniques of global pinch pots, coils, slab construction, combinations of these techniques, and the challenging potter's wheel. You will create 3-dimensional forms such as rattles, lidded containers, architectural slab birdhouses, and a symmetrical drum/Djembe. Students will acquire skills in using ceramic tools to incise designs and create relief designs and apply glazes to the finished forms. Ceramics is an art where everyone can be successful. Grades are based on effort and projects completed more than artistic ability.

HFA5954 ADVANCED CERAMICS

Length/Credit: 1 semester/ .5 Fine Arts Credit

Fee: \$15.00 per semester

Prerequisite: Ceramics with a B grade or better

This class stresses structural form. Students can choose a self-directed program or may follow an advanced program. Advanced projects include: goblets, clocks, additive/subtractive sculpture and advanced wheel projects.

Career & Technical Education (CTE)

Business Education, Marketing Education & Computer Science Education Departments

www.seattleschools.org/CTE

General Business and Information Technology Classes

HCT4002 COMPUTER APPLICATIONS 1

Free Community College Credit Available Through Tech Prep

Length/Credit: 1 semester/ .5 credit

Other: Student may test out of this class (see department).

Students will gain an overall picture of the capabilities and impact of computer technology by learning how to use Microsoft Office Word, Excel, Access, Publisher and PowerPoint. Students also learn how to create basic web pages in HTML and basic movies using Windows Movie Maker. While working with these programs, students will continuously work on increasing their typing speed and accuracy by using proper techniques.

HCT7131 ACCOUNTING 1

Length/Credit: 1 semester/ .5 credit – One of the prerequisites for Academy of Finance.

A career and technical education course designed to develop knowledge of the basic principles, concepts, procedures and vocabulary of accounting. Students work through the accounting cycle, first in a service business for a proprietorship and then in a merchandising business for a partnership.

HCT7132 ACCOUNTING 2

Free Community College Credit Available Through Tech Prep

Length/Credit: 1 semester/ .5 credit

Prerequisite: Successful completion of Accounting 1

A tech-prep career and technical education course designed to further the knowledge base acquired in Accounting 1. Students work through the accounting cycle for a manufacturing business organized as a corporation.

HCT7133 ACCOUNTING 3

Free Community College Credit Available Through Tech Prep

Length/Credit: 1 semester/ .5 credit

Prerequisite: Successful completion of Accounting 2

In this course, students continue toward vocational competency in accounting procedures. They learn departmental and partnership accounting and do advanced work in inventory, accounts receivable, accounts payable and payroll. Business simulation sets provide realistic, practical application of advanced accounting procedures.

HCT5701/5702 FINANCIAL ALGEBRA A/B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1 and Geometry

Other: Open to grades 11 and 12. Counselor Approval – See your counselor for the required form

Financial Algebra combines algebraic and graphical approaches with practical business and personal financial applications. Applications incorporate Algebra 1, Geometry, and Algebra 2 topics. This course can serve as the third credit of math for students who elect to take a CTE alternative for the third year requirement if a form is filled out with your counselor and parent/guardian. See your counselor.

HCT1253 PRINCIPLES OF FINANCE (Non – AOF Students)

Length/Credit: 1 semester/ .5 credit – 1st semester/11th or 12th Grade

Prerequisite: Instructor permission & room permitting

This is the same course students taken in the Academy of Finance. It introduces students to the financial world & how it impacts them. Students develop financial literacy as they learn about the function of finance in society. They study

income and wealth; examine financial institutions; learn how businesses raise capital; and study key investment-related terms and concept and relate them to their own unique situations. They also research how innovations have changed the financial services field. Finally, students explore careers that exist in finance today.

HCT2528/2529 AP MACROECONOMICS 1 & 2

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1 & Geometry, 11th & 12th

Other: Open to Grades 11th or 12th

AP Macroeconomics 1A is a college level course designed to provide students with a development understanding of the principles of economics and how those principles operate within the economic system as a whole. Emphasizing the study of the following topics: Basic Economic Concepts; Measurement of Economic Performance; National Income and Price Determination; Financial Sector; Stabilization Policies; Economic Growth; and Open Economy: International Trade and Finance. Students will be expected to take the AP-Macro Economics exam in the spring.

Academy of Finance Courses

HCT1253 PRINCIPLES OF FINANCE

Length/Credit: 1 semester/ .5 credit – 1st semester/11th Grade

Prerequisite: Academy of Finance or instructor permission

This is the first course students take in the Academy of Finance and introduces students to the financial world & how it impacts them. Students develop financial literacy as they learn about the function of finance in society. Students learn the basics of finances and study in depth the benefits & risks of income, investments, credit, insurance and financial planning. Students take what they learn complete the “Life at 25 Project” Where they have a 30-point financial plan based on their vision of themselves at age 25. It is based on their actual financial situation, college preferences, and ambitions.

HCT1254 BUSINESS ECONOMICS

Length/Credit: 1 semester/ .5 credit – 2nd semester/ 11th Grade

Prerequisite: Academy of Finance or instructor permission

Business Economics introduces students to the key concepts of economics as they pertain to business. This course discusses the American economy and the factors that influence the success of businesses and products. It describes forms of business ownership, discusses the relationship of labor and business, and provides a broad overview of the global economy. Students also examine careers in business, both as employees and as business owners.

HCT1255 BUSINESS IN A GLOBAL ECONOMY

Length/Credit: 1 semester/ .5 credit – 1st semester/12th Grade

Prerequisite: Academy of Finance or instructor permission

Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally, and to the potential opportunities available to those businesses. Building on concepts introduced in Principles of Finance, Business in a Global Economy broadens students’ understanding of how businesses operate, grow, and thrive in our ever-changing world.

HCT1256 ETHICS IN BUSINESS

Length/Credit: 1 semester/ .5 credit – 2nd semester/12th Grade

Prerequisite: Academy of Finance or instructor permission

This course introduces the importance of ethics in business. Students focus on the significance of ethics to stakeholders; examine who bears responsibility for monitoring ethics; and explore ethical situations common in organizations. Students examine how ethics affects various business disciplines and consider the impact of organizational culture. Students also explore ethics as social responsibility, the evolution of ethics in international business, and how the free market and ethics can coexist.

Marketing Education Department Courses

HCT5077 MARKETING 1

Length/Credit: 1 semester/ .5 credit

Other: Open to Grades 9-12

This course is the Introduction to Marketing Education. Students will survey the functions of Marketing, including Distribution, Finance, Marketing-Information Management, Pricing, Product/Service Management, Promotion, and Selling and learn about and apply the 4P's through hands-on-learning in three project based challenges. Students will develop competency in the foundations of Marketing, Economics, Communication and Interpersonal Skills, Professional Development, Business Management and Entrepreneurship. Enrollment in this class makes students eligible for participation in DECA activities where students can learn to apply their skills in practice business situations.

HCT5078 MARKETING 2

Free Community College Credit Available Through Tech Prep

Length/Credit: 1 semester/ .5 credit – available either semester

Prerequisite: Successful completion of Marketing 1

This is the second semester of the Introduction to Marketing. Students build on skills and competency gained in the first semester. Students will focus on career areas in Marketing, Business and Entrepreneurship. Through hands on creation/management of the Student Based Enterprise at Ballard (the student store, fundraising opportunities), as well as performance based projects and DECA opportunities, students will analyze financial reports, develop marketing strategies, create promotional opportunities and research marketing success. Through DECA, students will extend their learning, focusing on career awareness, civic consciousness, social intelligence and leadership development.

HCT2291 ENTREPRENEURSHIP

Length/Credit: 1 semester/ .5 credit

Prerequisite: Marketing 1 or teacher permission

Other: Open to Grades 9-12

Entrepreneurship is a specialized business course designed to provide students the skills needed to effectively organize, develop, create, finance, and manage their own business. Additional topics to be addressed are assessment of personal skills, leadership, human relations and interpersonal skills, and the importance of business ethics. Students will write a business prospectus (plan) for a start-up business of their choice will participate in a virtual business competition, and a real life Shark Tank style completion. Enrollment in Entrepreneurship allows students to participate in DECA, an association of Marketing Students.

HCT2293 SPORTS AND ENTERTAINMENT MARKETING

Length/Credit: 1 semester/ .5 credit

Prerequisite: None

Other: Open to Grades 9 – 12

Introduces students to and refines their knowledge of marketing and management functions that can be applied in sports and sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment. Instructional

strategies will include a computer driven management simulation, where the students experience running a football franchise and interaction with a real sports or entertainment organization of their choice. Enrollment in Sports and Entertainment Marketing will allow students to join DECA and be involved in leadership activities and competitions.

HCT7177 ADVERTISING

Length/Credit: 1 semester/ .5 credit – available 2nd semester-Can also be used for Fine Art Credit
Prerequisite: Marketing 1 or Teacher Permission
Other: Open to grades 9-12

This is a follow up course to the Introduction to Marketing. Advertising is an introductory course designed to introduce and provide project-based opportunities to display understanding of advertising used as a marketing strategy. If a student is creative and curious about the “powers of persuasion” he or she will enjoy this course. Students will investigate the basics of advertising in radio, magazines, TV, store layout and design, as well as social media. This course will include discussion, independent and team projects and the development of an advertising campaign. Students will gain insight into what advertising tools are most effective and evaluate the influence advertising has on individuals, including themselves. Enrollment in Advertising allows students to be in DECA and apply their skills in a variety of competitive events.

Computer Science Department Courses

HCT2448 CS1: EXPLORING COMPUTER SCIENCE

Length/Credit: 1 semester/ .5 credit
Prerequisite: None
Other: Open to grades 9 – 12

Exploring Computer Science will develop basic computer science skills of algorithm development, problem solving, and programming concepts. The course is designed for students curious about computing careers. Students will be introduced to topics such as software design, limits of computers, and software engineering societal and ethical issues. This course will emphasize a project-based lesson format, concentrating on problem solving and critical thinking. The class will use the agile system for project development, teaching students a very useful and relevant project management.

HCT2447 CS2: INTRODUCTION TO PROGRAMMING

Length/Credit: 1 semester/ .5 credit
Prerequisite: CS1 (unless pre-approved by instructor)
Other: Open to grades 9 – 12; Emphasis on independent study

This course will build upon the basic computer science principles learned in Exploring Computer Science, preparing students for the AP Computer Science course. It is a project-based class, introducing students to the Python programming language by creating mods for the Minecraft game. Students will be required to work in small groups and come up with a final project they pitch to the instructor. Projects will need to be well thought out and detailed. The class will use the agile system for project development, teaching students a very useful and relevant project management.

HCT1296/1297 CS3: ADVANCED PLACEMENT COMPUTER SCIENCE A1/A2

Length/Credit: Yearlong/ .5 credit each semester
Prerequisite: CS1 and/or CS2 (unless pre-approved by instructor)
Other: Open to grades 10 – 12; Algebra is helpful

The AP Computer Science A1/A2 course is intended to service students that are planning to major in computer science or other disciplines that require significant involvement with technology. Students will be able to demonstrate their ability to design, write, analyze, debug and document programs and subprograms using JAVA. This course is designed to prepare students for the AP Computer Science A exam and can be used as a 4th year Science or Math Credit.

HCT5907/5908 CS4: COMPUTER SCIENCE PROJECTS 1 & 2

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: CS3

Other: Open to grades 11 – 12; Heavy emphasis on independent study

This course is an extension of the AP Computer Science course, and will allow students to hone their programming skills. Students taking this course will experience the satisfaction of creating projects of their own design that demonstrate the value and power of computer science. Lessons on software development processes, project design and management, and other topics will assist in completing the projects. Students taking this course will be expected to be self-directed and motivated. The class will use the agile system for project development, teaching students a very useful and relevant project management system.

English Language Arts Department

HLA3093/3095 INTRODUCTION TO LITERATURE & COMPOSITION 9A and 9B: INTEGRATED HONORS & CORE

Length/Credit: Yearlong course/ .5 Language Arts credit each semester

Prerequisite: Freshman standing

Other: This course is required for 9th graders

Introduction to Literature and Composition is a yearlong course that concentrates on guided and critical reading of texts from different genres that reflect themes of identity and self-discovery and where the focus of composition is developing clear and purposeful writing. Major texts may include *The Odyssey*, *Romeo and Juliet*, *Night*, *A Raisin in the Sun*, *This Boy's Life*, *American Born Chinese*, and *Monster*. The writing emphasis is on narrative and expository writing, with a sustained introduction to argumentative writing. Any student may opt to pursue Honors credit. Students who choose the Honors path will be expected to read additional texts, and take-on assessments that are “tiered” towards greater complexity.

HLA3093/3095 INTRODUCTION TO LITERATURE & COMPOSITION 9A and 9B - BIOTECH

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Biotech Academy membership and freshman standing

In the spring, a major unit focuses on creating real-world solutions for environmental issues around the production and consumption of energy. Selected Academy teams will travel to WSU in May to represent Ballard at the Imagine Tomorrow competition (imagine.wsu.edu for more information).

HLA3097/3099 WORLD LITERATURE & COMPOSITION 10A and 10B

Length/Credit: Yearlong Course/ .5 Language Arts credit each semester

Prerequisite: Sophomore standing

Other: This course is required for 10th graders

World Literature and Composition is a yearlong course where students read international texts, including four selections from the Seattle Public Schools 10th grade reading list and additional supplemental works including poetry, short stories and nonfiction. The course concentrates on critically reading how the human experience is expressed in literature from around the world. The course prepares students to understand fundamental notions of world or non-western literature reflected in a range of texts and genres. Major texts include *Burial at Thebes* (Antigone in trans.), *Brave New World*, *Haroun and the Sea of Stories*, and *Persepolis*. Writing instruction continues to focus on the expository mode, with an increasing emphasis on argumentative writing particularly as it relates to literary analysis.

HLA3098/3100 WORLD LITERATURE & COMPOSITION 10A and 10B HONORS

Length/Credit: Yearlong Course/ .5 Language Arts credit each semester

Prerequisite: Sophomore standing

Honors World Literature and Composition is a yearlong course where students read international texts, including four selections from the Seattle Public Schools 10th grade reading list and additional supplemental works including poetry, short stories and nonfiction. The course concentrates on critically reading how the human experience is expressed in literature from around the world. Students read a variety of complex texts moving to deeper levels of critical thinking in analyzing themes and meaning in literature. This honors course is marked by an expectation of a greater degree of student participation and involvement in the life of the class.

HLA3097/3099 BTC WORLD LITERATURE & COMPOSITION 10A and 10B

(See course description in the Academy section)

HLA3101/3103 AMERICAN LITERATURE & COMPOSITION 11A and 11B

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Junior standing

Other: This course is required for 11th graders

American Literature and Composition is a yearlong course that concentrates on critically reading different interpretations of the American experience and the American dream, with an emphasis on increased sophistication through reading, writing and speaking. The course prepares students to grapple with the fundamental notions of American identity as it is expressed in a range of texts and genres. Readings, both classical and contemporary, lend themselves to literary analysis, represent a variety of reading levels and cultures, and showcase an assortment of themes. Writing instruction focuses primarily on argumentative writing as it relates to literary analysis.

HLA3492/2493 AP ENGLISH LANGUAGE & COMPOSITION 11A and 11B

Length/Credit: Yearlong course/ .5 credit each semester

The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing suitable for the college bound student while satisfying the LA 11 requirement.

**HLA3101/3103 AMERICAN LITERATURE & COMPOSITION 11A and 11B – BIOTECH
(CHEMISTRY)**

HLA3492/2493 AP ENGLISH LANGUAGE & COMPOSITION 11A and 11B – BIOTECH (GENETICS)

HLA3123/3124 COMPARATIVE LITERATURE & COMPOSITION 12A and 12B

Length/Credit: Yearlong course/ .5 credit each semester

Other: Will satisfy fourth year for college entrance, Required for Class of 2015 and beyond

Comparative Literature and Composition is a yearlong course that synthesizes critical reading and writing skills from previous years, focusing on texts that cross a wide range of genres, and embody a high level of thematic and technical complexity. The course prepares students to grapple with the rigors of comparative analysis they will encounter in college. This class has a focus on the representation of self and the individual's identity and power in society. Major texts include *Hamlet*, *The Handmaid's Tale* and *The House of the Spirits*.

HLA2494/2495 AP ENGLISH LITERATURE & COMPOSITION 12

Length/Credit: Yearlong class/ .5 credit each semester

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone.

HLA6810 COMPOSITION: EXPOSITION/WRITING IN COMPARATIVE LITERATURE (CIHS)

Length/Credit: Yearlong course/ .5 credit each semester

Other: Will satisfy fourth year for college entrance. University of Washington credits available for additional fee (**ENGL 131/Comparative Lit 240**) **UW credit is only available to juniors and seniors in this course.**

This yearlong course offers students an intensive writing class at the college level. Students will work closely with the instructor to develop a portfolio of writing that reflect an ability to write papers with complex claims that matter in academic contexts. The first semester will expose students to a variety of nonfiction and literary texts; students will develop their ability to read, analyze and synthesize complex texts and write with multiple types of evidence to support writing in various contexts. The second semester will emphasize comparative writing; texts will include film, criticism, and theory. Students will work closely with the instructor to develop a portfolio that reflects an ability to write essays with complex claims that are suitable for college-level academic contexts. Students will be exposed to a variety of nonfiction and literary texts, with feature-length, critically acclaimed films serving as central texts. Supplemental readings will include essays on critical theory, formal/technical analyses, and biographies. Students will develop their ability to read, analyze and synthesize complex texts and write with multiple types of evidence to support writing for various purposes and audiences. The course will emphasize comparative writing in various forms (expository, theoretical, and critical). Students may elect to earn 10 University of Washington credits and meet the university's composition requirement. This course satisfies LA 12 requirements.

HLA0465 JOURNALISM WRITING

Length/Credit: Semester long course/. 5 credit

Prerequisite: None

Other: Open to all students in grades 9-12 except those who have already taken Newspaper.

This introduction to journalism class will introduce principles of journalism and focus primarily on improving writing. During the course, students will gain competence in journalistic writing, primarily news, features and opinions which provide further competence in rhetorical mode writing. In addition, reading strategies, journalistic ethics, and career opportunities in print journalism, computer skills and organizational skills for news magazine production will be covered. This course may also be used for language arts credit retrieval. Please see your counselor for details.

HCT7245/7246 PUBLISH JOURNALISM 1/2

Length/Credit: Yearlong course/ .5 credit each semester Occupational Ed credit

Prerequisite: Teacher Permission

Other: This class may be repeated as an elective

Newspaper production combines journalistic writing with newspaper production, photography, advertising, budgeting, graphics and electronic media. The ultimate goal is the production of the school newspaper, *The Talisman*. Students learn about the rights guaranteed by the First Amendment, the responsibilities of the press to inform, the ethical responsibility of truthfulness, fairness, accuracy and objectivity, and other principles as well as practical skills of analytical writing, layout, word processing, computer skills, and general paper production.

HCT7285/7286 PUBLISHING YEARBOOK 1/2

Length/Credit: Yearlong class/ .5 credit each semester Occupational Ed credit

Prerequisite: Teacher Permission

Yearbook Production combines journalistic writing with yearbook production, photography, advertising, budgeting, design and electronic media. The ultimate goal is the production of the school yearbook. Students learn about the rights

guaranteed by the First Amendment, the responsibilities of the press to inform, the ethical responsibility of truthfulness, fairness, accuracy and objectivity, and other principles as well as practical skills of analytical writing, layout, word processing, computer skills, and general paper production.

English Language Learners (ELL) Courses

HLA5559/5560 ELD INTRO TO LITERATURE & COMPOSITION 9A/B

Length/Credit: Yearlong course/ .5 credit each semester

Entry level class for ELLs in grades 9-12 at ELD Standards Level Advanced Beginning through Advanced in reading (3.0-7.0 grade equiv.) and writing. It focuses on listening, speaking, reading, writing and grammar.

HLA5567/5568 ELD WORLD LITERATURE & COMPOSITION 10A/B

Length/Credit: Yearlong course/ .5 credit each semester

For ELLs in grades 10-12 at ELD Standards Level Advanced Beginning through Advanced in reading (3.0-7.0 grade equiv.) and writing; course follows ELD LA 9B. It focuses on listening, speaking, reading, writing and grammar.

HLA5575/5576 ELD AMERICAN LITERATURE & COMPOSITION 11A/B

Length/Credit: Yearlong course/ .5 credit each semester

For ELLs in grades 11-12 at ELD Standards Level Advanced Beginning through Advanced in reading (3.0-9.0 grade equiv.) and writing; course follows ELD LA 10B. It focuses on listening, speaking, reading, writing and grammar.

HLA2154/2166 ELD COMPARATIVE LITERATURE & COMPOSITION 12A/B

Length/Credit: Yearlong course/ .5 credit each semester

For ELLs in grades 12 at ELD Standards Level Advanced Beginning through Advanced in reading (3.0-9.0 grade equiv.) and writing; course follows ELD LA 11B. It focuses on listening, speaking, reading, writing and grammar.

HSS2201/2202 ELD WORLD HISTORY 1/2 MULTILEVEL

Length/Credit: Yearlong course/ .5 Credit each semester

For 9-12 grade ELLs at ELD Standards Level Advanced and below in reading/writing; at reading 3.0-7.0 grade equiv. Chronological study of geography, history, culture, politics and economics.

HSS2203 ELD WORLD HISTORY 3 MULTILEVEL

Length/Credit: 1 semester/ .5 Credit

For 9-12 grade ELLs at ELD Standards Level Advanced and below in reading/writing; at reading 3.0-7.0 grade equiv. Chronological study of geography, history, culture, politics and economics.

HSS2204/2205 ELD UNITED STATES HISTORY 11A/B

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: World History 1, 2, and 3

For grade 11-12 ELLs at ELD Standards Level Advanced and below in reading/writing, at reading grade equiv. 3.0-7.0. Focus on pre-colonial period through Civil War to present history, themes like immigration, and academic vocabulary and concepts.

HSS2206 ELD AMERICAN GOVERNMENT AND ECONOMICS

Length/Credit: 2nd semester/ .5 Credit

Prerequisite: ELD US History 11B

For grade 12 ELLs at ELD Standards Levels Advanced and below in reading/writing, reading below 8.0 grade equiv. Focus on 3 levels and 3 branches of government, including the Constitution, the US economic system, and civic involvement.

HLA2085/7988 ELD 3A/B ADJUNCT

Length/Credit: 1 semester/ .5 Credit

For ELLs grades 9-12 at ELD Standards Level Advanced Beginning or above (above 3.0 grade equiv.) who need an additional class to prepare for subsequent ELD or mainstream LA class. Focus on reading, writing and critical thinking.

Family and Consumer Sciences Education Courses

HCT2250/2251 FOOD SCIENCE 1 and FOOD SCIENCE 2

Length/Credit: Semester/.5 credit for each semester. Science or occupational credit, student choice.

Prerequisite: None—open to all grades

Food Science is a practical approach to science through the study of food. This is a one or two semester course that can be taken at any semester. Each unit includes a scientific approach to the practical application of food preparation. The course exposes students to the many career opportunities in Food Science and the food industry. Food Science includes safety and sanitation, the scientific method, scientific evaluation of food, basic science for food scientists, leavening agents, and nutrition. Projects include community service activities and the development of leadership skills.

HCT5484 HUMAN DEVELOPMENT

Free Community College Credit Available Through Tech Prep

Length/Credit: 1 semester/.5 occupational credit

Prerequisite: None—open to all grades

This course explores the human life cycle, conception through adulthood, including pregnancy, parenting, childcare, old age, and diseases. Students will have the opportunity to take home the robotic baby simulator for a first-hand baby care experience. Class instruction will include the Child Care Basics/M.E.R.I.T. 30-hour curriculum which prepares students to work in a licensed childcare facility. This is a great class for students interested in healthcare, childcare, or psychology. Students with an A or B grade may receive Seattle Central College credit for ECED & intro to Early Childhood Education and CFS 101 M.E.R.I.T Seminar.

HCT2430 CHILD DEVELOPMENT/PARENTING – INTERNSHIP

Teaching assistant for special needs students

Length/Credit: 1 semester/.5 occupational credit

Prerequisite: Must be 16 years old and have passed Human Development with a “B” or better.

Other: Teacher permission

This class provides students with the opportunity to interact with students at Ballard High School with developmental disabilities and receive .5 occupational education credit per semester. Students will continue studying competencies begun in the Human Development class. Course work will include special education or preschool/daycare terminology, training in instructional methods and Human Development National Standards activities and assignments. Students will also learn about the roles and responsibilities of parenting, the well-being of individuals and families, and family resources in our community.

HCT2429 **INDEPENDENT LIVING**

Length/Credit: 1 semester/.5 occupational credit
Prerequisite: None – open to all grades

This class will prepare students to take care of themselves and others. Skills to be taught include: goal setting, decision making, nutrition, meal preparation, clothing care and repair, relationships, finances, career exploration, and leadership opportunities.

HCT3324 **APPAREL & TEXTILES 1**

Length/Credit: 1 semester/.5 occupational credit
Prerequisite: None – open to all grades

This class is designed for students to become better clothing consumers as well as learning valuable sewing techniques. The students will use the sewing machine and serger to make hair scrunchies, a pillow, pants, and additional projects at time allows. Other projects include fashion drawing, studying fashion designers, career exploration, fabric recycling, and wardrobe planning. Students will need to provide fabric and other materials for pants and other projects.

HCT3325 **APPAREL & TEXTILES 2**

Length/Credit: 1 semester/.5 occupational credit
Prerequisite: Successful completion of beginning course

Advanced students work on perfecting their skills and advanced sewing techniques. Students are encouraged to serve the community by creating costumes for drama or making projects for the Ballard community. Students may create their own design line and produce garments of their own design along with other projects. Internships can be set up for more experience.

Health, Fitness & Physical Development Courses

HHE9006 **HEALTH**

Length/Credit: 1 semester/ .5 credit
Other: 9th grade standing or grade 10-12 if unable to take during grade 9

The Health curriculum prepares students with the essential health knowledge needed to formulate sound decisions so they may enjoy a healthy and complete life span. Students are required to complete 20 service learning hours, which count towards their graduation requirements. The state stressed and depressed test will be fulfilled in this course.

HPE2364 **SPORTS & FITNESS**

Length/Credit: 1 semester/ .5 credit
Other: Grades 9-12

Students will participate in individual and team sports, such as basketball, speed away, badminton, tennis, volleyball, flag football and indoor baseball. This class will also include a variety of fitness related activities.

HPE5526 **WEIGHT TRAINING/CONDITIONING**

Length/Credit: 1 semester/ .5 credit
Other: Grades 9 – 12

This course is designed for students desiring to develop and/or maintain a high level of fitness. Activities include learning to work with weight training equipment and other fitness apparatus, learning to follow a prescribed or developed workout

routine appropriate for the individual's level of fitness and goals, charting progress by keeping records of routines and activities. In addition, activities incorporating speed, agility, footwork, endurance and core-body workouts.

HPE5522 TEAM SPORTS

Length/Credit: 1 semester/ .5 credit

Other: Grades 10 - 12

The emphasis in this course is on the continued development of skills and rules using traditional team sports such as basketball, flag football, softball, volleyball, team handball and speed away. This is a competitive setting.

HPE5524 SWIMMING

Length/Credit: 1 semester/ .5 credit

Other: Grades 9 – 12

This course emphasizes the development of beginner through advanced swimming strokes and diving techniques. The strokes included are front crawl, back crawl, elementary back float, breaststroke, and sidestroke. Activities also included are water safety and rescue skills, survival swimming, and various water sports, i.e. water polo, relays, basketball, and volleyball.

HPE5528 RACKET SPORTS

Length/Credit: 1 semester/ .5 credit

Other: Grades 9 – 12

Racket sports include tennis, badminton, pickle ball, table tennis and indoor tennis. Students learn basic strokes, drills, strategies, team work and scoring to enjoy the games at a recreational level. Basic physical fitness workout is also included.

HPE5530 LIFETIME ACTIVITIES/YOGA

Length/Credit: 1 semester/ .5 credit

Other: Grades 9 – 12

This course emphasizes the development of physical fitness for lifelong fitness. This course focuses on the five components of fitness; flexibility, muscular strength, muscular endurance and cardio respiratory to improve overall health. The activities included are yoga, cardio respiratory workouts (power walk/jog), circuit training, body toning, weight training, interval training and other alternative fitness activities.

Mathematics Department

HMA2684/2686 ALGEBRA 1A/1B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisites: Math 8

The two-semester Algebra 1A/1B sequence develops students' algebraic and problem-solving skills. Topics include: solving linear and quadratic equations algebraically; recursive relationships; functions; linear, quadratic and exponential relationships; statistics; and connecting information through tables, graphs, equations, and verbal descriptions. This course is foundational for all future math work. A student's strong level of understanding in Algebra 1 is a predictor of success in other math and science courses.

HMA2381/2382 ALGEBRA 1A/1B WITH LAB

Length/Credit: Yearlong/ .5 credit of math and .5 elective credit each semester

Other: This is a two-period block

Prerequisites: Math 8

The two-semester two-period Algebra 1A/1B sequence supports students who are struggling with math by working on pre-algebra skills while still developing students' algebraic and problem-solving skills. Topics include: functions; linear, quadratic and exponential relationships; solving linear and quadratic equations algebraically; and connecting information through tables, graphs, equations, and verbal descriptions. This course is foundational for all future math work. A student's strong level of understanding in Algebra 1 is a predictor of success in other math and science courses.

HMA2692/2694 GEOMETRY A/B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1B

The two-semester Geometry sequence develops students' understanding of geometric properties and principles and how to use reasoning to support statements. Topics include: vocabulary and symbols of geometry, transformations, proofs, constructions, properties of two dimensional and three dimensional figures, right triangle trigonometry, coordinate geometry, and probability.

HMA2693/2695 GEOMETRY A/B BIOTECH

(See course description in Academy section)

HMA2693/2695 GEOMETRY A/B HONORS

Length/credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1B

This course covers the same basic concepts and material as Geometry A/B in an accelerated manner. As the class and time allows, more topics are included. All honors courses develop more depth and breadth of material than the regular courses.

HMA2688/2690 ALGEBRA 2A/2B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Geometry B

The two-semester Algebra 2A/2B sequence solidifies and expands students' understanding of functions, algebraic manipulation, and problem-solving. Topics include: polynomial, exponential, and logarithmic functions and graphs; transformations of functions; rational functions; series; probability and statistics; and trigonometric functions.

HMA2689/2691 ALGEBRA 2A/2B BIOTECH

(See course description in Academy section)

HMA2689/2691 ALGEBRA 2A/2B HONORS

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Geometry B

This course covers the same concepts and material as Algebra 2A/2B in an accelerated manner. As the class and time allows, more topics are included. All honors courses develop more depth and breadth of material than the regular courses. Students receiving an A or B in this course will be ready for Pre-calculus Honors A/B.

HMA7952/7953 BRIDGE TO COLLEGE

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 2

Other: Open to grades 12

This course is for seniors who have taken Algebra 2, and earned a C or lower. Coursework is designed to reinforce high school math skills in order to prepare students for success in postsecondary academic non-STEM fields or majors. The course focuses on conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. Earning a B in this course offers an opportunity to place directly into college-level math courses when students also score at least a Level 2 on the Smarter Balanced assessment.

HCT2517/2518 FINANCIAL ALGEBRA

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1 and Geometry

Other: Open to grades 11 and 12. Counselor Approval – See your counselor for the required form

Financial Algebra combines algebraic and graphical approaches with practical business and personal financial applications. Applications incorporate Algebra 1, Geometry, and Algebra 2 topics. This course can serve as the third credit of math for students who elect to take a CTE alternative for the third-year requirement if a form is filled out with your counselor and parent/guardian. See your counselor.

HMA2696/2698 PRE-CALCULUS A/B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 2B

This is a full year course for students who have successfully completed Algebra 2B. Pre-calculus includes development and application of the function concept, including a review of Algebra 2 topics, circular, and trigonometric functions and their inverses. Additional topics that may be taught include sequences and series, vectors, matrices, and probability.

HMA2697/2699 PRE-CALCULUS A/B HONORS

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 2B

This course covers the same concepts and material as Pre-calculus A/B in an accelerated manner. As the class and time allows, more topics are included. All honors courses develop more depth and breadth of material than the regular courses. Students receiving an A or B, at the completion of this course, will be prepared to take AP Calculus A/B.

HMA3322/3323 CALCULUS A/B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Pre-calculus B

Calculus A/B covers limits, continuity, derivatives and integrals and their applications. The course is not designed to prepare students for the Calculus A/B Advanced Placement examination.

HMA1929/1932 AP CALCULUS A/B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Pre-Calculus B

This course is designed to prepare students for the successful completion of the Calculus AB Advanced Placement examination. AP Calculus A reviews prerequisites and studies limits, continuity, and derivatives and their applications. AP Calculus B studies integrals and their applications and integrates the concepts of the course in preparation for the AP examination.

HMA1938/1939 AP CALCULUS B/C

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: AP Calculus B or Calculus B

This course follows the Advanced Placement syllabus for Calculus BC and prepares students for the AP test in May. This course extends topics in calculus beyond the scope of AP Calculus AB. It includes the study of parametric, polar, and vector-valued functions and of infinite sequences and series, including power, Taylor, and Maclaurin series.

HMA1763/1764 PROBABILITY AND STATISTICS A/B

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 2B

Students will deepen their understanding of the challenging topics in data analysis, including experimental designs and sampling methods, probability and frequency distributions, measures of central tendency and dispersion, sampling distributions, and hypothesis testing.

HUE9620 MATH PEER TUTOR

Length/Credit: Semester/ .5 elective credit

Prerequisites: Algebra 2 and Teacher Recommendation

This semester course is for upper level students who are interested in working closely with students in an Algebra 1 or Geometry class. Peer tutors assist the classroom teacher in working with students individually or in small groups, as directed by the teacher. A math teacher recommendation is required.

Performing Arts Department

Instrumental Music Courses

HFA4880/4881 AP MUSIC THEORY A/B

Length/Credit: Yearlong course / 1.0 Fine Arts Credit

Prerequisite: Students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument.

Other: Open to grades 11 & 12

AP Music Theory is for advanced music students (all vocalists and instrumentalists including piano and guitar players) who have an interest in learning more about music notation, harmony, tonality, form, scoring and composition. The study of music theory will deepen performing and listening skills, as the course will introduce the theory of tonal harmony, develop aural skills and uncover the composer's intent through analyzing musical structure and form. Students considering music major or minor in college are encouraged to take this course. Students will have the opportunity to receive credit through successful achievement on the Advanced Placement exam.

HFA8250 PIANO

Length/Credit: Semester course/ .5 Fine Arts

Other: Open to grades 9-12. Students should provide their own headphones to use during class.

Piano class is open to all students, including those with no previous piano experience. The piano class gives students an opportunity to learn to play the piano keyboard and take in a survey of musical experiences. Students in the piano class will learn the necessary skills and concepts to gain a rudimentary proficiency on the piano keyboard. The class is open to all students interested in putting in the necessary work to learn to play the piano. Students should provide their own headphones.

HFA8248 GUITAR

Length/Credit: Semester course not to be repeated/ .5 Fine Arts

Other: Open to all students' grades 9-12; students use school guitars during class time

Guitar class is open to all students, including those with no previous guitar experience. Students will learn how to handle the guitar and tune the instrument. Students will learn the physical aspect of the instrument, which includes finger exercises, chord structure and melodic finger picking technique. Students will learn to recognize and notate music in tablature, chordal, and note head form. In addition, students will learn rhythmic guitar technique which includes basic strumming patterns. Students will listen to, analyze and describe music from a variety of genres, which may include but are not limited to Classical, Rock, Folk, or Jazz. Audio/visual examples of guitarists and music from various historical periods and world cultures will be included.

HFA8244 PERCUSSION

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Prerequisite: Middle School Band or Audition

Other: Open to grades 9 -12

Percussion will focus on all aspects of percussion playing. Fundamental percussion techniques will be taught and students will perform as part of the Marching Band, Concert Bands (Symphonic Band or Wind Ensemble), Orchestra and as percussion ensembles. Enrollment will be restricted to approximately 25 students. Successful Middle School band experience or a successful audition for the instructor is required for enrollment in this course.

HFA8233 SYMPHONIC BAND

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Prerequisite: Successful middle school band experience or permission of the instructor.

Other: Open to grades 9 -12

Symphonic Band is a performing ensemble with traditional woodwind and brass instrumentation. Students enrolled in Symphonic Band will be expected to participate in all Symphonic Band and athletic band activities (pep and/or marching band). Students will perform literature from all time periods with the appropriate technique, tone, articulation, phrasing and style. Students will learn more complex major/minor scales and chord progressions. In addition, students will increase their adeptness in sight-reading and their ability to precisely match fundamental concepts with other band members. Students need to make every effort to provide their own instruments and necessary equipment to participate in class daily.

HFA8237 CHAMBER ORCHESTRA

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Prerequisite: Audition and teacher approval

Other: Open to violin, viola, cello and bass players in grades 9 – 12 by audition.

Chamber Orchestra is an advanced string orchestra open to all students who play violin, viola, cello or bass by audition. (Students audition during the spring prior to the academic year they wish to enroll). Chamber Orchestra members are committed to improving their individual musicianship as well as their ensemble skills. Students will rehearse and perform high level string and full orchestra literature from the Western Art Tradition as well as music from variety of cultures, genres and styles. Students enrolled in the class will perform at numerous school concerts and festivals, honors and invitational performances, attend fall Orchestra camp, and travel on a spring tour. Students are encouraged to take Orchestra for all four years of high school.

HFA8236 SYMPHONIC ORCHESTRA

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Prerequisite: Middle school orchestra or teacher approval

Other: Open to violin, viola, cello and bass players in grades 9 – 12.

Symphonic Orchestra is open to all students who play violin, viola, cello or bass and who wish to improve as musicians and performers. Some experience reading music is strongly recommended. All Symphonic Orchestra members will learn correct left and right hand technique, music theory, sight-reading, chamber technique and rehearsal skills. This group performs at numerous school concerts and festivals, attends fall Orchestra camp, and travels on a spring tour. Students are encouraged to take Orchestra for all four years of high school.

HFA8243 JAZZ BAND 1 & 2

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Pre-requisite: Open to all grades; Satisfactory completion of audition and permission of the instructor.

Jazz Band I is for advanced wind and rhythm players and Jazz Band II is for beginning to intermediate wind and rhythm players. Both jazz bands meet before school daily. Students will gain experiences performing jazz in its various styles with its foundation in the concepts of swing. Students will progressively build on their skills in proper rehearsal technique, concert/performance etiquette, practice, tone production, balance/blend, intonation, articulation, technical facility, expression, rhythm, sight-reading and repertoire. Students will learn and progressively build a thorough understanding of the necessary skills to perform in the jazz idiom as well as the interpersonal skills necessary to be a successful member of a musical ensemble.

HFA8234 WIND ENSEMBLE

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Prerequisite: Audition and teacher approval; woodwind, brass.

Other: Open to grades 9 - 12

Wind Ensemble is an advanced performing ensemble for 9th-12th grade advanced music students who play traditional winds and brass. Students enrolled in the class will be expected to participate in all Wind Ensemble and athletic band activities during or outside the normal school day, including participation in marching band and pep band. Students will apply skills and concepts learned in Wind Ensemble and apply them to more difficult music literature. Awareness of their instrument's role and attention to fine detail within the ensemble will be taught. Students need to make every effort to provide their own instruments and necessary equipment to participate in class daily.

Choral Music Courses

HFA8242 TREBLE CHOIR

Length/Credit: Yearlong course/ 1.0 Fine Arts Credit

Prerequisite: None

Other: Open to all students with upper voices (soprano/alto) in grades 9-12. No Audition Required.

Treble Choir is open to all students with soprano and alto voices in the school who enjoy music and wish to become better singers and performers. All ninth-grade students with upper voices who wish to join choir will begin their high school choir experience in this ensemble. Treble Choir learns and performs music for the treble voice in a variety of fun musical styles, from classical to Broadway and pop. Students will learn correct vocal technique, music theory, sight-reading, expressive singing, and how to work together to create a dynamic musical performance. Students are encouraged to take choir for all four years of high school.

HFA8239 CONCERT CHOIR

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Other: Open to all lower tenor and bass voices in grades 9-12 (see Ms. Rowley for voice placement). Open to upper soprano and alto voices in grades 10-12 by audition.

Concert Choir is a large performing ensemble made up of beginning through advanced musicians. Students will sing and perform quality choral literature of the highest level from a large variety of genres, cultures, and styles. There will be an emphasis on building musicianship skills through a program of sight reading, music theory, ear training, and vocal

technique. This group performs at numerous school concerts and festivals, as well as additional honors and invitational concerts, throughout the year. Concert Choir attends fall choir camp and travels on a spring choir tour. Students are encouraged to take choir for all four years of high school.

HFA8238 ADVANCED CHORALE

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit

Pre-requisite: Placement audition or teacher approval

Other: Open to upper soprano and alto voices in grades 10-12 by audition.

Advanced Chorale is an ensemble made up of intermediate to advanced musicians with upper soprano and alto voices. Students will sing and perform quality choral literature of the highest level from a large variety of genres, cultures, and styles. This group performs at numerous school concerts and festivals, as well as additional honors and invitational concerts, throughout the year. In addition to their performance schedule, students spend time developing advanced music reading and comprehension skills, as well as refining their vocal technique and their ability to sing expressively. Advanced Chorale attends fall choir camp and travels on a choir tour. Students are encouraged to take choir for all four years of high school.

HFA8240 VOCAL JAZZ (Jazz Choir)

Length/Credit: Yearlong course/1.0 Fine Arts credit or Occupational Ed credit

Pre-requisite: Audition and teacher approval

Vocal Jazz is a small mixed-voices ensemble for advanced singers and rhythm-section players. Students will rehearse and perform choral works with an emphasis on jazz and contemporary vocal literature. Students will explore vocal improvisation, solo lyric delivery, and jazz fundamentals, and gain experiences singing and performing jazz in its various styles with its foundation in the concepts of swing. Students will progressively build on their skills in proper rehearsal technique, concert/performance etiquette, practice, tone production, balance/blend, intonation, articulation, technical facility, expression, rhythm, sight-reading and repertoire. A high level of sight reading, music theory, ear training, and vocal technique is expected. Students must be prepared to attend all rehearsals, performances, fund-raisers, and festivals.

Drama and Technical Theatre Courses

HFA6267 THEATRE 1

Length/Credit: May take yearlong or just one semester/ .5 credit each semester

Prerequisite: None

Other: This elective class may be taken consecutive semesters

This course includes improvisation, theatre games, introduction to theatre history, basic theatre terminology, and acting techniques. Students perform several monologues, scenes, and plays.

HFA6268 THEATRE 2

Length/Credit: May take yearlong or just one semester/ .5 credit each semester

Prerequisite: Teacher permission

Other: This elective course may be taken consecutive semesters

This course covers advanced acting, improvisation, and drama production. Students work to improve acting skills, study theatrical styles and learn the technical aspects of the theatre. They will work on directing or performing several productions.

CFA3255 TECHNICAL THEATRE FOUNDATIONS
CFA3258 TECHNICAL THEATRE ADVANCED

Length/credit: 1 semester/.5 credit

Prerequisite: None required for Technical Theatre Foundation. Technical Theatre Foundations required for Technical Theatre Advanced.

The Technical Theatre course is designed to introduce the serious student to technical theatre and to provide internship or volunteer opportunities to give the students the training they need to pursue employment in theatre arts.

Proyecto Saber – Our Cultural Heritage

The objectives of Our Cultural Heritage are that all students will perform at grade level or higher, that they meet the exit criteria for all classes, and that they will meet graduation requirements.

Students in 9th through 12th grade explore their cultural heritage through a variety of subjects. The class includes journal writing, artwork and special projects submitted for a letter grade. Practice and mastery of essential skills needed for academic achievement are promoted through tutorial assistance, intervention and advocacy. Performance in other classes is closely monitored and is part of the overall grade in Proyecto. Credit retrieval is available.

Los objetivos de Nuestro Patrimonio Cultural son que todos los estudiantes se desempeñen a nivel de grado o superior, que cumplan con los criterios de salida para todas las clases y que cumplan con los requisitos de graduación.

Los estudiantes de 9 a 12 grado exploran su herencia cultural a través de una variedad de materias. La clase incluye redacción de diarios, obras de arte y proyectos especiales presentados para una calificación de letra. La práctica y el dominio de las habilidades esenciales necesarias para el logro académico se promueven a través de la asistencia tutorial, la intervención y la defensa. El rendimiento en otras clases se monitorea de cerca y es parte de la calificación general en Proyecto. La recuperación de crédito está disponible.

HLA0075/9745 PROYECTO SABER - OUR CULTURAL HERITAGE

Length/Credit: .5 Elective Credit per semester

In this class a rich curriculum about Latino heritage provides the context for the provision of numerous success-building resources. Latino students in grade 9 – 12 explore their cultural heritage through a variety of subjects: history, literature, arts, and geography with emphasis on Mexico, Spain and Latin America. Self-expression through journal writing, artwork and special projects will be included in portfolio submitted for a letter grade. Practice and mastery of essential skills needed for academic achievement are promoted through tutorial assistance, intervention, advocacy, progress monitoring and utilization of PASS and AVID curriculums. Speakers, community mentors and field trips connect students to opportunities and resources in the community and inspire students' consideration of higher education or pursuit of vocational interests. Parent participation via a parent advisory committee builds a bridge between home and school.

Science Department

Per WAC 180-51-068, defined by the State Board of Education (BOE) and regulated by the Office of the Superintendent of Public Instruction, all graduating classes of 2019 and beyond, must have 3 credits in science, two of which must be lab-based in content. The following courses meet the requirement of "lab-based" courses as defined by the BOE.

Additionally, the BOE mandates that ALL graduating classes from 2021 and beyond must pass the Washington Comprehensive Assessment of Science, to graduate.

Science Department Courses

HSC7970/1259 BIOLOGY 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: **Physical Science or Physics PS/Chemistry PS**

Biology courses build on concepts developed in physical science with a strong emphasis on the development of problem-solving, critical-thinking, and inquiry skills. Core units include Evolution: patterns and change in living systems; Homeostasis: maintaining dynamic equilibrium in living systems; Energy, Matter and Organization: relationships in living systems; Continuity: reproduction, inheritance in living systems; Development: growth and differentiation in living systems; and Ecology: interactions and interdependence in living systems.

HSC3111/3211 CHEMISTRY 1/2

Length/Credit: Yearlong course/.5 credit each semester

Pre-requisite: **Successful completion of high school Biology ½ equivalent and Geometry**

This is a traditional algebra-based two semester college preparatory course that is recognized by college acceptance offices nationally.

The semester courses will take the students much deeper into the understanding of chemistry than they might get with Chemistry A (PS) or even Chemistry B (PS). The two semester courses will involve the mathematical and laboratory investigation of complex systems including gas laws, molecular structure, kinetics, equilibrium, organic molecules, acid-base interactions and electrochemistry.

Students take the American Chemical Society National High School end of course exam.

HSC1982/1983 GENETICS 1/2

Length/Credit: Yearlong course/.5 credit each semester

Pre-requisite: Successful completion of Biology ½ & Chemistry ½

Priority due to space restrictions is given to enrollment by Biotechnology Academy students. This two-semester lab-based science course focuses on the science of heredity. The second semester focuses on Microbial Genetics. A special culminating project presentation at the Science EXPO is a course requirement for successful completion.

HSC3022 ENVIRONMENTAL HORTICULTURE 1/2 (Year Long or Semester Long)

Length/Credit: May be taken either year-long or 1 semester/ .5 credit each semester

Other: Open to 10,11,12 grades

This course introduces the student to the general field of horticulture and environmental science. Students learn the scope of the industry, opportunities, and knowledge required to qualify for these opportunities. Students will learn about greenhouses, horticultural cultivation techniques, plant identification, ecology, and landscape design. Plant care, propagation, plant sales and communication about plant care are all implemented in this course. The student is also exposed to proper use and safety of landscape equipment, basic bedding and plant identification, and reclamation activities on and off campus. *This course can be taken to satisfy Occupational Education credit or a science credit.*

HSC3157/3257 BOTANY 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Other: Open to 10, 11, 12 grades

Prerequisite: **Successful completion of Biology 1 and 2**

In this yearlong lab science course, students will attain basic skills and knowledge necessary to better understand the plant kingdom and plant systems and functions through patterns of scientific thinking. Students will investigate botanical diversity, anatomy, morphology, evolution, plant development, biochemistry, and cultivation of plants. Participation in experimental design, indoor and outdoor laboratory investigations, and field trips to parks and greenhouses are essential to these plant investigations. Guest speakers and experts in the field from local greenhouses, nurseries, and environmental organizations will consult and assist students.

HSC3112/3212 PHYSICS 1/2

Length/Credit: Yearlong college preparatory course/ .5 credit each semester

Other: Open to 10, 11, 12 grades and HCC students

Prerequisite: **Successful completion of high school Biology 1/2 equivalent and Algebra 2**

This is a traditional algebra-based two semester college preparatory course that will take the students much deeper into the understanding of Physics than they might get with Physics A(PS) or even Physics B (PS). These two Physics semesters focus on the basic concepts of force, energy, and mathematical applications. The fundamentals are emphasized through observation, measurement recording, and interpretation via the laboratory experience. Specific areas covered are: measurement, kinematics, dynamics, energy, waves, light, sound, electricity, magnetism, and nuclear physics.

HSC4553/4554 OCEANOGRAPHY

Length/Credit: Yearlong course/ .5 credit each semester

Pre-requisite: 11th or 12th grade standing, passing grade in Biology or instructor permission.

This course is an upper level college course that combines elements of geology, chemistry, physics and marine biology. Students learn about the physical processes of the ocean, how the oceans are related to climate, how the oceans circulate and how humans affect the oceans. Students learn with University materials and the course includes many hands-on labs, field trips, lectures, project based learning and interaction with scientists. Special emphasis is given to the waters of Puget Sound and the surrounding area. **University of Washington credit is not available at this time.**

HSC4163/4164 ASTRONOMY (CIHS)

Length/Credit: Yearlong course/ .5 credit each semester

Other: Open to 10/11/12 Grades

Pre-requisite: Successful completion of Biology 1/2 and Geometry.

Astronomy is a course designed to introduce students to the composition, structure, and dynamics of the universe. Students will investigate and learn how to describe star formation, classification, and evolution of the universe. Students will operate a telescope to find planets, nebulae, and galaxies at night; evaluate astronomical data to answer questions about space and planets; and apply modern astrophysics and particle physics principles to understand the characteristics of galaxies and the universe. Several fieldtrips to the University of Washington are an integral component of the course. **University of Washington credit available for an additional fee. UW credit is only available to juniors and seniors in this course.**

HSC3718/3719 ECOLOGY

Length/Credit: 2nd semester only/. 5 credit

Other: **Instructor Permission**

This course is offered as an extra-curricular course and meets 7th period. Ecology is a course for students who have an interest in biotic and abiotic factors. The course focuses on Tropical Ecology and takes place over spring break as well as one of the adjacent weeks to complete the 15-day requirement. There is a cost for the class and fundraising efforts are conducted throughout the school year. *This course may qualify for Occupational Education credit.*

HSC5257 AP BIOLOGY 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: **Successful completion of Biology 1/2 & Chemistry 1/2**

This yearlong course covers four big ideas: Evolution, Energy, Information Transfer, and Interaction of Biological Systems. The primary focus of AP Biology is to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The course is designed using the materials provided by College Board and is intended to be equivalent to one year of college biology for science majors. The course prepares students for the College Board Advanced Placement exam in the spring, but that exam is **not** part of the course's grade.

HSC3011**AP CHEMISTRY 1/2**

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: **Successful completion of Biology 1/2 & Chemistry 1/2**

This yearlong course covers: Structure of Matter, Stoichiometry, Equilibrium, Kinetics, Thermodynamics, acids/bases, Electrochemistry, and Organic Chemistry. This course emphasizes chemical calculations, the conceptual and mathematical formulation of principles and college level laboratory work. This course is designed according to the outline provided by the College Board and is intended to be equivalent to one year of college chemistry for science majors. The course prepares students for the College Board Advanced Placement exam in the spring, but that exam is **not** part of the course's grade.

Social Studies Department

The Seattle School District requires a high school graduate to successfully complete six semesters of social studies. These requirements are to be completed as follows:

- A. Two semesters of World History 1 and 2 – 9th Grade
- B. One semester of World History 3 – 10th Grade
- C. Two semesters of United States History – 11th Grade
- D. One semester of American Government – 12th Grade

Social Studies Department Courses

HSS5852/5853**WORLD HISTORY 1/2**

Length/Credit: Yearlong course in 9th grade/ .5 credit each semester

This survey course provides students with the foundational content and skills to study history and the social sciences at the high school level. Students will develop greater understanding of the evolution of global processes and contacts between about 10,000 BCE to 1900CE, through the study of different types of human societies, from the Agricultural Revolution through Industrialization and Imperialism. WH 1 builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. WH 2 emphasizes the events and institutions that set the stage for the study of contemporary world problems, with connections to the present embedded in the course. Students will learn to write short persuasive compositions and analyze historical sources.

HSS1282/1283**WORLD HISTORY 1/2 HONORS**

Length/Credit: Yearlong course in 9th grade/ .5 credit each semester

Prerequisite: Good academic standing and attendance in previous social studies course.

This course covers the same geographic areas and historic periods as the regular course listed above with an increased skill building in writing, research and reading, using a college level text and themes.

HSS5854**WORLD HISTORY 3**

Length/Credit: 1 semester/ .5 credit

Prerequisite: 10th grade

This course continues the study begun in World History 1 and 2 with an emphasis on the events and forces of the 20th century that shape the contemporary world. Students will analyze the political, economic, scientific, and social changes that changed people's thoughts about themselves, their institutions, and their world. Writing skills will emphasize critique of sources, research and essay composition. Students are expected complete 20 service learning hours while enrolled in this course.

HSS0568/0569 ADVANCED PLACEMENT WORLD HISTORY

Length/Credit: Yearlong course/.5 credit each semester

Prerequisite: 10th grade: Good academic standing and attendance in previous social studies course

This **full-year** college level survey course highlights the nature of changes in global processes and their causes and consequences, as well as comparisons among different types of human societies. It emphasizes selective relevant factual knowledge, writing analytic essays, and skills in analyzing types of historical evidence. This course is approved by the College Board for AP designation on student transcripts. The course prepares students for the College Board Advanced Placement exam. They are expected to take the AP exam in May, but that exam is not part of the course's grade. Students will complete at least 20 hours of community service or provide a detailed plan for how community service hours will be completed by the spring semester of their junior year.

HSS5856/5857 UNITED STATES HISTORY 11A/B

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: 11th grade

This survey course introduces students to a variety of topics in American history. The student will study the founding of the United States as a democratic republic, the struggle between different groups, and the tensions caused by territorial growth and the institution of slavery. The majority of the course, however, will emphasize the growth of the United States as a military and economic world power in the 20th century, and the social and political changes that came from that growth. Students will complete a multi-stage research paper as an exit requirement in US 11B. Students will complete their 60 service learning hours to meet their graduation requirement.

HSS1211/1213 ADVANCED PLACEMENT UNITED STATES HISTORY

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: 11th grade; Good academic standing and attendance in previous social studies course

This college level survey course provides students with the analytical skills and factual knowledge necessary to deal critically with the problems and developments in United States history. This course is approved by the College Board for AP designation on student transcripts. The course prepares students for the College Board Advanced Placement exam. They are expected to take the AP exam in May, but that exam is not part of the course's grade. Students will complete their service learning hours as well as presenting a research presentation in the spring semester. Students will complete their 60 service learning hours to meet their graduation requirement.

HSS1742 AMERICAN GOVERNMENT

Length/Credit: 1 semester/ .5 credit

Prerequisite: 12th grade

This course introduces students to issues in American government and politics, including the historical and philosophical basis for democracy. Topics include civil rights and civil liberties, political parties, the role of media in national life and the debate over federal versus state power. Students will be asked to demonstrate skills in reading/writing, research, discussion, debate, mock trial, and simulation in this class. Students are required to complete the OSPI designed Civics classroom based assessment, CBA.

HSS0487 ADVANCED PLACEMENT AMERICAN GOVERNMENT

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: 12th grade: Good academic standing and attendance in previous social studies course

This **full-year** college level survey course is an intensive study of the formal and informal institutions of government and the processes of the American political system. Students completing this course will recognize the complexity of the political world in which we live and will be able to analyze and engage in that world by applying their skills and

knowledge to shape the political policies they hope to see realized. This course is approved by the College Board for AP designation on student transcripts. The course prepares students for the College Board Advanced Placement exam. They are expected to take the AP exam in May, but that exam is not part of the course's grade. Students **are** required to complete the OSPI designed Civics classroom based assessment, CBA.

Special Education Department

HUE4191 HIGH SCHOOL STUDY SKILLS

Length/Credit: .5 credit each semester

The Study Skills course will develop and refine skills for time and organizational management, study techniques, social/behavior, academic guidance and planning, and coping strategies. Instructors will monitor, support, assist, tutor, and meet with students to work on targeted academic and executive skills as identified in their IEPs for General Education and/or Special Education course offerings. Students are guided through different problem solutions and encouraged to become actively involved in their education by becoming independent, resourceful learners.

Study Skills A	SEL Study/Org + Social/Behavior
Study Skills B	Access Study/Org + Social/Behavior
Study Skills C	Resource Study/Org (Social/Behavior if in IEP)

HLA9301/9302 LA 9A and 9B M

Length/Credit: 2 semesters/ .5 credit each semester

The Language Arts 9(M) course is designed to provide students with the building blocks of written language. Mastery of basic grammar is the goal of Language Arts 9(M). The student will learn to identify common and proper nouns, verbs, adjectives, and adverbs. The student will correctly use subject/verb agreement in writing simple sentences. The student will correctly link sentences into paragraphs, using correct indentation, punctuation, and spelling. Reading is a main component of our Language Arts class. We use reading materials which emphasizes developing vocabulary, decoding skills, and building comprehension skills. Also, we complete daily reading exercises from our "Books on Tape" library.

HLA9303/9304 LA 10A and 10B M

Length/Credit: 2 semesters/ .5 credit each semester

Students in the Language Arts 10(M) course will polish their skills of English grammar, sentence and paragraph structure, punctuation, and spelling. The students will write fiction and non-fiction papers. We will learn library research techniques and how to write school reports. Reading is a main component of our Language Arts class. We use reading materials which emphasizes developing vocabulary, decoding skills, and building comprehension skills. Also, we complete daily reading exercises from our "Books on Tape" library.

HLA9305/9306 LA 11A and 11B M

Length/Credit: 2 semesters/ .5 credit each semester

The Language Arts 11(M) course designed to build upon the foundations taught in the Language Arts 9(M) and 10(M) program. Prior to entering the Language Arts 11(M) class, the student will have mastery of basic grammar, sentence and paragraph structure, basic punctuation, and spelling. The student must demonstrate the ability to correctly link paragraphs into essay form. In Language Arts 11(M), the student will learn library research skills. These skills will be used in writing their research reports. The research skills will be honed, in preparation for developing and presenting their senior project.

HLA9307 LA 12 M

Length/Credit: 2 semesters/ .5 credit each semester

Prerequisite: Senior status

This course is focused on the senior project that is multimedia based. Students entering the Language Arts 12(M) class will have mastery of basic grammar, sentence and paragraph structure, basic punctuation, and spelling. The student must demonstrate the ability to correctly link paragraphs into essay form. The student will build upon the research skills learned in Language Arts 11(M). This is a one-semester course designed to aid the student in developing and presenting their senior project.

HLA9223 READ BASIC

Length/Credit: 2 Semesters/ .5 credit

Ballard High School's Read Basic class is an intensive developmental support reading class designed to help students with an IEP develop and apply skills and knowledge in reading fluency and written language for grammar and conventions. This particular reading class is for students who have difficulties in one or more of the following areas: phonological processing of awareness and memory, orthographical processing, and rapid automatic naming. The course includes reading instruction in phonological awareness and the alphabet, phonics, fluency, and vocabulary and instruction in written language in grammar, conventions and primarily spelling using evidence-based programs such as Wired for Reading, and other evidence-based practices and strategies.

HMA9329/9330 GENERAL MATH I A/B M

Length/Credit: 2 semesters/ .5 credit each semester

This course parallels the topics covered in the general education math introduction course with an emphasis on building basic skills. This course is for students who have experienced delays in mathematic concepts and need individual attention as well as group instruction and IEP support. Personal finance is embedded into the class. This course is a small class size, utilizes an adaptive computer based program and individual and group work to make progress in math.

HMA1963/1964 BASIC MATH I A/B M

Length/Credit: 2 semesters/ .5 credit each semester

This course parallels the topics covered in the general education math introduction course with an emphasis on building basic life skills math. This course is for students who have experienced delays in mathematic concepts and need individual attention as well as group instruction and IEP support.

HMA1966/1967 BASIC MATH 2 A/B M

Length/Credit: 2 semesters/ .5 credit each semester

This course parallels the topics covered in the general education math introduction course with an emphasis on building pre-algebra skills. This course is for students who have experienced delays in mathematic concepts and need individual attention as well as group instruction and IEP support.

HSS9337/9327 WORLD HISTORY 1/2 M

Length/Credit: 2 semesters/ .5 credit each semester

These courses introduce major civilizations to 1100 A.D. and the contribution of bio-archaeology to pre-literary history. Content focuses on writing systems and emphasizes the contribution of Greek culture to our contemporary world. The second semester also emphasizes Roman, Arab, and Chinese cultures. Exit requirements for each class include a student notebook of daily notes, quizzes, chapter reviews, a final chart, and final exam.

HSS9328 WORLD HISTORY 3 M

Length/Credit: 1 semester/ .5 credit

Prerequisite: World History 1 and 2

This course is a survey of world history from the Industrial revolution to the present day.

HSS9341/9335

US 11 A/B M

Length/Credit: 2 semesters/ - .5 credit each semester

Prerequisite: Junior status

US 11A covers pre-Columbus America through 1897. US 11B covers the age of United States empire, building from the 1898 Spanish-American war to the present. The course includes extensive coverage of economic incentives, resource allocation, and power dynamics. Geographic knowledge and the appreciation of cultural diversity will also be emphasized.

HSS9342

AMERICAN GOVERNMENT AND ECONOMICS M

Length/Credit: 1 semester/ .5 credit

Prerequisite: Senior Status

This course includes how economics influence the modern political scene. Students will have a basic understanding of the Bill of Rights and how it relates to modern civil liberties. Federal, state, and local levels of government will be studied. Individuals will understand their responsibilities as voters and be expected to register to vote.

Vocational Placement

Students will identify career interests and confer with parents, teachers and vocational advisor to develop appropriate worksite placement. Students will attend the worksite two periods per day throughout the school year to develop vocational competence. Vocational placement will fulfill occupational education credit and lead to successful post high school career transition.

XIP: Exploration Internship Program

The Exploratory Internship Program (XIP) is Career and Technical Education program under City Campus that provides services to special populations. Through the Career Choices exploratory instructional course and worksite learning opportunities, students are: 1) introduced to work world competencies, 2) taught the fundamental employability, technical, and social skills required in any career area and 3) provided an opportunity to apply the knowledge and skills learned at their real work-world experiences. Students enrolled in XIP would spend half of their day (either AM or PM) at Ballard High School taking classes and the other half of their day working at their job site.

All students enrolled in the XIP program are required to:

1. Be 16 – 21 years of age or at junior or senior grade level.
2. Attend the weekly Career Choices instructional course.
3. Participate in a worksite learning experience.
4. **Must have an IEP**

Transition Success

Prerequisite: 18-21 years old, eligible for Special Education services, and interested in vocational schooling or work training.

The Transition Success Program is a post-secondary program, providing a bridge for students leaving high school and entering vocational training programs. Vocational training may occur through Seattle Community Colleges, on-the-job training, or in work experience. Transition Success works together with community and social service agencies to provide these services. Students are encouraged to manage their educational program. Each works with an IEP/Guidance Team to review placement decisions and progress on their goals. Consultation meetings emphasize the development of self-determination skills, understanding learning differences (strength and weaknesses). Identifying accommodations, accessing accommodations, and revising and meeting goals. As adults, students are encouraged to make decisions that will enhance their success.

HLA2305/2306

ACADEMIC READING 1A/1B

Length/Credit: Semester long course/ .5 credit

Other: Open to grades 9-12 Please see your counselor if interested

Ballard High School's Read 180 class is an intensive developmental reading class designed to increase a student's reading ability at an accelerated rate. A small class size, adaptive computer based programs, and individual and group work help students quickly gain expertise in one or more of the following areas: Reading comprehension, phonemic awareness, phonics, fluency, vocabulary, test comprehension, spelling, grammar and writing, and other skills.

Technical Education Department

HCT7374/7376

MARITIME SURVEY I & III

Length/credit: 1st semester/ .5 credit

Prerequisite: Occ. Ed. Credit/10th Grade

Other: Offered 1st semester only

The course is a semester-long introduction to the various marine-related industries in Puget Sound and elsewhere. The class will explore how the successful maritime industry developed in Seattle, with a focus on Ballard, and where the industry is headed in the next century. The course is taught as a project-based curriculum, where the students combine classroom lessons with real-life examples of problems in a marine industry. The students are introduced to a broad spectrum of career opportunities in maritime fields through guest speakers, field trips, and problem-solving scenarios. Because of the unique design of the course, students will be required to take thorough notes, participate in classroom activities and field trips, and present information orally to prove they understand the content material.

HCT7375

MARITIME SKILLS II

Length/credit: Yearlong course/1.0 Occ. Ed. Credit

Prerequisite: 11th grade standing

This course is the second part of the Maritime-specific courses. This course centers on skills specific to the maritime trades. This includes: navigation, knot tying and splicing, rigging, wood working, varnish and finish work, painting, fluid power, firefighting, outboard and marine diesel mechanics, as well as survival, water safety and first aid. The course also relies on a series of guest speakers/instructors and field trips to shipyards, schools, and local businesses. Successful completion of the course requires completing a number of practical tests intended to show a mastery of the skills taught.

HCT1574/2313

INTRODUCTION TO ENGINEERING DESIGN 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisites: Must have passed or be currently enrolled in Algebra 1A/B; Grades 9-12

Other: Open to non-Pathway students on space available basis

Introduction to Engineering Design is an introductory course which develops student problem-solving skills, with emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. Students focus on the application of visualization processes and tools provided by modern, state-of-the-art computer hardware, and Inventor software. This modern computer-based process replaces the traditional hand drawing methods. The course will emphasize the design development process of a product and how a model of that product is produced, analyzed, and evaluated using a Computer Aided Design System. Various design applications will be explored with discussion of possible career opportunities

HCT1576/2311

PRINCIPLES OF ENGINEERING 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Introduction to Engineering Design 1/2

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course includes concerns about social and political consequences of technological change.

HCT1577/2316 COMPUTER INTEGRATED MANUFACTURING 1/2

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Introduction to Engineering Design

This course builds upon the solid modeling design skills developed in *Introduction to Engineering Design*. Students will be presented with design problems that require the use of Inventor to develop solutions to the problems. They will evaluate the solutions using mass property analysis (study of the relationship among the design, function, and materials used), make appropriate modifications and use prototyping equipment to produce three-dimensional models of the solutions. Students will be expected to communicate the process and results of their work through oral and written reports.

HCT1578/2314 ENGINEERING DESIGN AND DEVELOPMENT

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Grade 12 standing. A combination of three or four Project Lead the Way classes.

In this course, students will work in teams of two to four to design and construct the solution to an engineering problem, applying the principles developed in the preceding four courses. The problem may be selected from a database of engineering problems, be a recognized national challenge or be an original engineering problem identified by the team and approved by the teacher. The problems will involve a wide range of engineering applications (e.g. a school robot-mascot, automated solar water heater, remote control hover craft). Students will maintain a journal as part of a portfolio of their work. Each team will be responsible for delivering progress reports and making final presentations of their project for an outside review panel. The completed portfolio will be invaluable as students apply to college.

CCT5957 GRAPHIC ARTS 1

Length/Credit: 1 semester only – course can be repeated/ .5 credit

Introductory course that focuses on skills needed to structure and organize complex visual communications in both traditional and digital environments. Introduces the basic principles and elements of graphic design, the history of graphic design, form/symbol development, typography, and color theory. Provides practical experience in essential studio processes and procedures, critiques, and group discussions. Emphasis on conceptual development, structural organization of information, and interplay of form and verbal content to effectively communicate ideas. Students will learn to think critically, make aesthetic judgments, and become familiar with a variety of tools and techniques used to produce professional work in the field of graphic design.

HCT6890/6892 METAL 1/2

Length/Credit: 1 semester only – course cannot be repeated/ .5 credit

Prerequisite: Open to Grades 10 – 12

The Metalworking class is designed to give students the opportunity to study many of the tools, materials, and processes common to working with metal and metalworking occupations. The course curriculum combines technical instruction with hands-on shop experience. Students learn to operate tools and machines used in the trades and industry. Safety in all shop activities is emphasized.

HCT7963 WOOD 1

Length/Credit: 1 semester/ .5 credit

This introductory class in Woodworking provides students with the opportunity to study many of the tools, materials, and processes common to working with wood and wood construction. The course curriculum combines technical instruction

with hands-on shop experience. Students learn to operate tools and machines used in the trades and industry. Safety in all shop activities is emphasized.

HCT7964 WOOD ADVANCED

Length/Credit: 1 semester/ .5 credit

The Advanced Woods course builds on skills previously learned in the introductory course. The goal is to develop greater independence in the context of safety, design, layout, and the processes and techniques of woodworking and woods construction. Students will be given the opportunity to learn to operate more complex tools and machines than the basic course. Completion of Wood 1 and Woods Advanced qualifies for Tech Prep (Community College) credit. Safety in all shop activities is emphasized.

Digital Filmmaking Courses

Digital Filmmaking Entry Level Course

CFA5633 VIDEO 1 - DIGITAL FILMMAKING

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: Application Required

Other: Open to students in Grades 9 and 10 only

This collaborative yearlong intro class on television will give you a running start developing the portfolio required by college and industry applications. Increase your understanding of media messages as you learn the basic technical and aesthetic elements of film and television production. The course requires written analysis and production of news and commercials. In addition, students study story construction, learn visual storytelling techniques, and produce short narrative films. Students will develop portfolios with work in each of these genres. The finished productions may be shown at school screenings, cablecast and/or broadcast on television and entered in film festivals.

Digital Filmmaking Advanced Courses

CFA5634 VIDEO 2 - INTERMEDIATE DIGITAL FILMMAKING

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: C or above in Video 1 and application required

Increase your media production and analysis skills as you complete a variety of film-style projects in this intermediate class. Working in groups, students will demonstrate “industry standard” level competency in the following major categories: film and television aesthetics, project documentation, script development, sound, camera work, lighting, editing and work ethic in addition to criticism and analysis. Each student will develop a digital portfolio with work in a variety of genres, including client-based advertising and short digital films. Productions will be shown at school screenings, cablecast and/or broadcast television, and entered in film festivals.

CFA5635 VIDEO 3 – ADVANCED DIGITAL FILMMAKING

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: C or above in Video 2 and application required

Continue to expand your film production and analysis skills as you complete a variety of film-style projects in this advanced class. Working in groups, students will demonstrate “industry standard” level competency in the following major categories: film and television aesthetics, project documentation, script development, sound, camera work, lighting, editing and work ethic in addition to criticism and analysis. Each student will develop a digital portfolio with work in a variety of genres, including documentary or music video. Productions may be shown at school screenings, cablecast and/or broadcast television, and entered in film festivals.

CFA5636 VIDEO 4 – ADVANCED PRODUCTION SKILLS

Length/Credit: Yearlong course/ .5 credit each semester

Prerequisite: C or above in Video 3 and application required

Culminating students specialize in a particular area of production. Following individualized research, they bring new skills to this area as they collaborate with peers on a larger production. They also complete a variety of film-style projects in this advanced class. Working in groups, students will demonstrate “industry standard” level competency in the following major categories: film and television aesthetics, project documentation, script development, sound, camera work, lighting, editing and work ethic in addition to criticism and analysis. Each student will develop a digital portfolio with work in a variety of genres. Productions may be shown at school screenings, cablecast and/or broadcast television and entered in film festivals.

World Languages Department

Students who qualify for free/reduced lunch may have workbook fees waived.

French Language Courses

HWL1273/1274 FRENCH 1A/1B

Length/Credit: Yearlong course/ .5 elective credit each semester

Other: Must be passing at semester to continue to 1B

Fees: Workbook approx. \$20.00

French 1A, 1B is a full year course designed to develop the basic French language skills of speaking, reading, writing and understanding as well as the basic understandings of French and Francophone cultures. The text is supplemented with many outside resources, for example, videos, speakers, projects, CDs, educational tours as well as computer technology.

HWL3522/3523 FRENCH 2A/2B

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisite: French 1B/open to all grades

Other: Must be passing at semester to continue to 2B

Fees: Workbook approx. \$20.00

French 2A, 2B is a full year course, which is a continuation of French 1A, 1B. The language skills of speaking, reading, writing and understanding the French language as well as learning about the French and Francophone countries cultures are continued.

HWL3528/3529 FRENCH 3A/3B (uwhs.uw.edu)

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisite: French 2B/open to all grades

Other: Must be passing at semester to continue to 3B

Fees: Elective UW credit

French 3A, 3B is a full year course, which is a continuation of French 2A, 2B. The language skills of speaking, reading, writing and understanding the French language as well as the French and Francophone countries cultures studies are continued. **University of Washington credit available for additional fee. Please note: As of this publication date, the Washington state legislature has determined that only 10th, 11th, and 12th grade students may purchase CIHS UW credit. 9th grade students are welcomed to take CIHS courses, but they must be aware that they will not be allowed to purchase UW credit for these courses.**

HWL3534/3535 AP FRENCH LANGUAGE AND CULTURE

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisite: French 3B or equivalent skills

Fees: Workbook approx. \$45.00 plus AP Exam Fee

The Advanced Placement (AP) French class is designed to prepare students for the national AP French examination. All four skills will be practiced: reading, writing, listening, and speaking. The course will be supplemented by authentic materials and multimedia resources. French will be the language of instruction. AP French includes a comprehensive review of grammar concepts and vocabulary.

HWL3538 FRENCH INDEPENDENT STUDY

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisite: Passing AP French Language and/or teacher approval

Fees: TBD

This French course is for post-AP study. Students will expand their vocabulary and understanding of the French culture through the study of advanced topics of interest to them.

Japanese Language Courses

HWL1275/1276 JAPANESE 1A/1B

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisite: Open to all grades

Other: Must be passing at semester to continue to 1B

Fees: TBD

Japanese 1A explores the basic spoken and written expression in the Japanese language. Vocabulary is about greetings, school, family, and hobbies.

Japanese 1B expands the learning from Japanese 1A. Vocabulary is about school, health and sickness, shopping, dining, and recreation.

HWL3541/3542 JAPANESE 2A/2B

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisites: Successful completion of Japanese 1A, 1B

Other: Must be passing at semester to continue to 2B

Fees: TBD

Japanese 2A is a challenging and rigorous course which continues and expands the functional use of Japanese. Vocabulary is about self, family, friends, social amenities, school subjects, location and travel.

Japanese 2B concentrates on improving proficiency in listening, speaking, reading, and writing. Reading for comprehension is emphasized. Writing emphasizes sentence structure. Students continue practice of conversations. Grammar includes expansion of previously studied syntax. Vocabulary is about daily life, out on the town, seasons, school life, folklore, family, and friends.

HWL3547/3548 JAPANESE 3A/3B (uwhs.uw.edu)

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisites: Successful completion of Japanese 2A, 2B

Other: Must be passing at semester to continue to 3B

Fees: \$15 for class fee

Third year Japanese focuses on developing proficiency in writing and communication in Japanese. Reading for comprehension is stressed. In writing, sentence structures are emphasized. In oral work, casual conversations are

practiced. Vocabulary is an expansion of previously learned topics. **University of Washington 113 credit available for additional fee. Please note: As of this publication date, the Washington state legislature has determined that only 10th, 11th, and 12th grade students may purchase CIHS UW credit. 9th grade students are welcomed to take CIHS courses, but they must be aware that they will not be allowed to purchase UW credit for these courses.**

HWL3549/3550 JAPANESE 4A/4B (uwhs.uw.edu)

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisites: Successful completion of Japanese 3A/3B

Fees: \$15 for class fee

Students are expanding their skills of listening, speaking, reading, and writing with more emphasis on oral communication. Further understanding of Japanese society and culture, and students will be introduced to honorific and humble form to be appropriate in Japanese society. Some of the students are invited into Japanese Honor Society. Students interested in taking the AP Japanese test in May will be guided by the teacher. **University of Washington 113/211 credit available for additional fee. Please note: As of this publication date, the Washington state legislature has determined that only 10th, 11th, and 12th grade students may purchase CIHS UW credit. 9th grade students are welcomed to take CIHS courses, but they must be aware that they will not be allowed to purchase UW credit for these courses.**

HWL3557 JAPANESE INDEPENDENT STUDY

Length/Credit: Yearlong course/.5 elective credit each semester

Prerequisite: Successful completion of Japanese 4A/4B

Fees: TBD

This Japanese course is for self-motivated students who are aiming to get 5 in Japanese AP test and 1st or 2nd level of [Japanese Proficiency Test](http://www.jlpt.jp/e/). <http://www.jlpt.jp/e/>

Spanish Courses

HWL1279/1280 SPANISH 1A/1B

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisite: Open to all grades

Other: Must be passing at semester to continue to 1B

Fees: Workbook approx. \$20.00

Spanish 1A/1B is a yearlong beginning course focusing on all four language skills: listening, speaking, reading and writing. Emphasis will be given to developing oral communication. Hispanic culture is woven throughout the course. The text is supplemented with additional learning materials involving native speakers including videos, CDs and other multimedia resources.

HWL3560/3561 SPANISH 2A/2B

Length/Credit: Yearlong course/ .5 elective credit each semester

Prerequisite: Successful completion of Spanish 1B or equivalent skills

Other: Must be passing at semester to continue to 2B

Fees: Workbook approx. \$20.00

Spanish 2A/2B is a yearlong course beginning with a global review of vocabulary and grammatical structures learned in Spanish 1A/1B and progressing to the development and refinement of their conversation, reading, and composition skills. Emphasis will be given to developing lexicon, the development of a network of mental vocabulary for making connections that will improve communication in the target language. Students will participate in a variety of communicative activities, and will learn about cultures in various Hispanic areas of the world.

HWL3604/3605 **SPANISH 3A/3B** (uwhs.uw.edu)

Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Successful completion of Spanish 2B or equivalent skills
Other: Must be passing at semester to continue to 3B; Elective UW credit
Fees: Online workbook approx. \$20

This course concentrates on developing proficiency in reading, writing, and communicating in Spanish. Grammar study includes a review of regular and irregular verbs of the present and past tense. New verb forms introduced are the imperative, future, conditional, participles and the subjunctive mood. Reading concentrates on cultural and literary materials. In writing, compositions are required, stressing strong command of vocabulary and grammar, language expression, voice, well-articulated ideas, and writing conventions. Speaking Spanish in the class at all times is mandatory. **University of Washington credit available for additional fee. Please note: As of this publication date, the Washington state legislature has determined that only 10th, 11th and 12th grade students may purchase CIHS UW credit. 9th grade students are welcomed to take CIHS courses, but they must be aware that they will not be allowed to purchase UW credit for these courses.**

HWL3566/3567 **SPANISH 4A/4B**

Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Successful completion of Spanish 3B or equivalent skills
Other: Must be passing at semester to continue to 4B; Elective credit; open to all grades

This course is designed for those students who have completed the third level of instruction and would like to continue the study of Spanish. The emphasis is on developing proficiency in reading, writing and communicating in Spanish. The materials include various recommended texts as well as newspapers, magazines, films and music. Upon completion of this course students should be prepared to take the Advanced Placement or continue into a 200-level college course.

HWL3572/3573 **AP SPANISH LANGUAGE AND CULTURE 5A/5B**

Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Successful completion of Spanish 3B or 4B or equivalent skills
Other: Open to 10th, 11th and 12th grade
Fees: Workbook approx. \$40 (optional), AP Exam Fee TBA

The AP Spanish Language course intensifies the study of Spanish for students seriously committed to increasing their fluency and understanding of the language, as well as preparing for the AP Spanish Language Examination. Students who enroll should have attained reasonable proficiency in the four areas of language learning: listening, speaking, reading and writing. This course is comparable to a third-year university course with an emphasis on conversation and composition. Current events in the Spanish-speaking world will be studied and discussed.

HWL3575 **AP SPANISH LITERATURE AND CULTURE 6A/6B**

Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Successful completion of Spanish 5B (AP Language and Culture) or equivalent skills
Other: Must be passing at semester to continue to 6B; Elective credit
Fees: AP Exam Fee TBA

The AP Spanish Literature course intensifies the study of Spanish for students seriously committed to increasing their fluency and understanding of the language, as well as preparing for the AP Spanish Literature Examination. This course replaces a third-year Introduction to Spanish Literature course at the university level. Because students read and analyze Peninsular and Latin American literature orally and in writing in Spanish, students who enroll should have attained advance proficiency in the four areas of language learning: listening, speaking, reading and writing. In this course, students become familiar with a variety of Spanish literary works from the Middle Ages through the 21st Century. Acquire a deeper understanding of historical events, cultures, peoples, customs, and geography of Spain and Latin America.

This course is well designed to supply the needs and provide challenges to Spanish native and/or heritage speakers who reach the language proficiency.