

# BALLARD HIGH SCHOOL

## COURSE CATALOG

### 2020-21



*Ballard High School is an inclusive, supportive community that cultivates a tradition of excellence for all students. - adopted May 2008*

**NEW! NO APPLICATIONS ARE REQUIRED FOR THE  
ACADEMIES OR PATHWAYS FOR THE SCHOOL YEAR 2020-21**

BALLARD HIGH SCHOOL  
1418 NW 65th St Seattle, WA 98117  
[Ballardhs.seattleschools.org](http://Ballardhs.seattleschools.org)

## Living Document:

This document lives on the Ballard High School Website and may be periodically updated with minor corrections or clarifications as needed. If you are reading this catalog in a printed form, note that the online version may have more recent updates. The website address is: [ballardhs.seattleschools.org](http://ballardhs.seattleschools.org). Navigate to Resources and Services > Counseling Center.

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## INTRODUCTION

### Our Mission

*"Ballard High School is an inclusive, supportive community that cultivates a tradition of excellence for all students." ~adopted May 2008*

Dear Parents, Guardians, and Students,

This Course Catalog is an important part of actualizing the statement above. Ballard High School is a comprehensive school with a wide variety of classes and programs, and we work to offer courses that will engage and motivate students. Challenging all students academically, developing strong relationships and building community for all our students creates an atmosphere that allows students to grow and mature. We encourage all students to challenge themselves by enrolling in Advanced Placement, UW in the High Schools or other challenging classes that will help prepare them for the rigors of college and career, while maintaining a healthy school-life balance.

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.

Keven Wynkoop

Principal

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## 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 all students take a full schedule of six classes to earn the 24 credits required for graduation. Late arrivals and early dismissals will only be granted on a case by case basis.

## 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 10<sup>th</sup> day of the semester but before the 5<sup>th</sup> 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, except for 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. **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 1<sup>st</sup> 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

**You must get approval BEFORE taking any classes through external providers (i.e. BYU, Red Comet, etc.) and most requests are denied. Please consult your counselor, if you are considering taking a class through anyone other than Seattle Public Schools.**

## COURSE FEES

Although we cannot require course fees, having students pay them allows us to offer a much more rich and engaging class experience. Students who qualify for free/reduced lunch are exempt.

## ATHLETIC ELIGIBILITY

To play on a school sports team, students must have earned a grade point average 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.** See [SPS Student Athletic Handbook](#) for more details.

## 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 their junior year. Visit the NCAA website [eligibilitycenter.org](http://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 10<sup>th</sup>-12<sup>th</sup> 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. 9<sup>th</sup> 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 11<sup>th</sup> and 12<sup>th</sup> 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 the first week of May. 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 CENTER**

Some Skills Center courses can result in community college credit. See specific course descriptions in the Off-Campus Vocational Programs section.

## OFF-CAMPUS VOCATIONAL PROGRAMS

### SEATTLE PUBLIC SCHOOLS SKILLS CENTER

A **Skills Center** is a secondary public education that delivers advanced, free, Career & Technical Education to high school Juniors and Seniors. Skills Center programs give students options to continue to career-focused learning in four-year colleges, earn post-secondary industry certification, or join the work force right out of high school. Students will travel to the Skills Center site for their program to attend classes every day as part of their regular school day and transportation to the site is provided. **IMPORTANT: Students should consult with their high school counselor to see if the Skills Center Program is a good fit in their path to graduation and their High School and Beyond Plan.** Visit the [Seattle Skills Center](#) website to review programs and courses. Note that all Skills Center Applications are Online. Students may attend ANY skills center program regardless of their attendance school. Skills Center Programs near Ballard High School are: Seattle Maritime Academy in Ballard, Health Sciences & Medical Assisting near Roosevelt HS, & Digital Game Design at Seattle Center.

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## 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 @ Skills Center, Ballard Maritime Academy @ BHS and Project Lead The Way (PLTW) 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](#) 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.

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### Academy of Finance

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Academy of Finance – The Academy of Finance is part of the National Academy Association, NAF [naf.org](#). The Academy of Finance connects 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 10<sup>th</sup> grade year. Applications are also accepted in March of the 9<sup>th</sup> 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) 1 or more: Accounting, Entrepreneurship, Marketing, or Sports Marketing.

Grade 11: Principles of Finance/Business Economics

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

Descriptions of Academy of Finance courses and prerequisites are listed in the Career & Technical Education (CTE) section and are open to non-Academy students as well.

## ACADEMY OF FINANCE COURSES

<b>HCT1253</b>	<b>PRINCIPLES OF FINANCE</b>
<b>HCT1254</b>	<b>BUSINESS ECONOMICS</b>
<b>HCT1255</b>	<b>BUSINESS IN A GLOBAL ECONOMY</b>
<b>HCT1256</b>	<b>ETHICS IN BUSINESS</b>

See Course Descriptions by Department, Career and Technical Education, for course descriptions

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## Biotechnology Career Academy

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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 year. 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](http://ballardhs.seattleschools.org) or in the Ballard High School Counseling Center and must be returned by the posted deadlines.

## 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, Central Sound Regional Science and Engineering Fair, 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

9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
*Biology	*Chemistry	*Genetics	Open
*Geometry (minimum)	*Algebra 2 (minimum)	Open	Open
*Intro to Lit & Comp 9	*World Lit & Comp 10	*AP LA 11 (BTG)	AP Literature or LA 12

\*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

See course descriptions section for complete description of courses.

### ELA – BioTech

HLA3093/3095

INTRO LIT COMP 9A / 9B – BIOTECH

HLA3097/3099

WORLD LIT & COMP 10A /10B – BIOTECH

HLA2492/2493

AP ENG LANG COMP – BIOTECH

## Science – BioTech

CSC4091/4092	BIOLOGY 1 / 2 – BIOTECH (HSC1258/1259)
CSC4093/4094	CHEMISTRY 1 / 2 – BIOTECH (HSC3111/3211)
CSC4095/4096	GENETICS 1/2 – BIOTECH

## Math – BioTech

HMA2692/2694	GEOMETRY A/B – BIOTECH (HMA2693/2685 HONORS)
HMA2689/2691	ALGEBRA 2A / 2B – BIOTECH (HMA2689/2690 HONORS)

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## Digital Filmmaking Pathway

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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 [BHS Digital Filmmaking Pathway Website](#) or from the Digital Filmmaking Program or in the Ballard High School Counseling Center.

**2020-21 Deadlines to Apply:** Students in grade 8 - Friday, May 1 | Students in grade 9 - 11 Friday, Feb 28

### 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](http://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, Steve Bradford [spbradford@seattleschools.org](mailto:spbradford@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.

## **DIGITAL FILMMAKING COURSES**

### **VIDEO BEGINNING A & B**

Length/Credit: Semester, 0.5 or Year-long, 1.0

Course Code(s): (A) HCT2452 (A) CFA2452, (B) HCT2453 (B) CFA2453

This introductory course teaches the fundamentals of creatively and effectively communicating visual stories through the lens of a video camera, including critical media analysis. Students collaborate while learning the video production process: pre-production (planning, developing ideas, and identifying resources), production (lighting, composition, and audio recording techniques), and post-production (editing with graphics, sound, and visual effects). Types of productions may include narrative, documentary, news, informational, and experimental. This course may be cross-credited for Fine Arts.

### **VIDEO ADVANCED A & B**

Length/Credit: Semester, 0.5 or Year-long, 1.0

Course Code(s): (A) HCT2454 (A) CFA2454, (B) HCT2455 (B) CFA2455

This is a hands-on, project-based course in which students work in teams to produce a variety of increasingly complex productions. Students refine their understanding of the production process, incorporating more advanced techniques in development, shooting, sound, lighting, editing, graphics and special effects. This course may be cross-credited for Fine Arts. This course may be repeated for credit. 1/17/2020 5

### **VIDEO SPECIAL PROJECTS**

Length/Credit: Semester, 0.5 or Year-long, 1.0

Course Code(s): (A) HCT2464 (A) CFA2464, (B) HCT2465 (B) CFA2465

Video Special Projects is a hands-on, project-based course in which students display leadership while producing a variety of highly complex productions. Emphasis is placed on approaching mastery of techniques in development, shooting, sound, lighting, editing, graphics and special effects. This course may be cross-credited for Fine Arts. This course may be repeated for credit.

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## **Ballard Maritime Academy @ Ballard HS**

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Seattle is the bustling city that it is today because of our location on the waters of Puget Sound. Maritime is a huge and diverse industry with great potential into the future in Seattle. Ballard Maritime Academy prepares students for college, training, and careers in the maritime and marine science fields. Students will learn valuable information about the maritime industry, college and career skills. They also learn tool identification, safety and proper use. Navigation, geography, map skills, nautical rules of the road and safe boating are also essential in this program. Students also learn hands-on skills, including knots and rope work, wood and metal work, and sewing and sail repair. Maritime academy courses at BHS consist of two separate Maritime courses and Oceanography:

## MARITIME ACADEMY COURSES

### HCT7374 MARITIME I - SURVEY

Length/credit: 1st semester/ .5 credit

Prerequisite: None

Other: Offered 1st semester only, Occ. Ed. Credit/10th, 11th, or 12th Grade

This course is a semester-long introduction to the various marine-related industries in Puget Sound and elsewhere, as well as an introduction to maritime-related skills. Students also have the opportunity to use their skills on board the steam ship *Virginia V.*

### HCT7375 MARITIME II - SKILLS

Length/credit: 2nd semester only/0.5 Occ. Ed. Credit

Prerequisite: Maritime I - Survey

This course is the second part of the Maritime-specific courses for Maritime Academy students. This course centers on skills specific to the maritime trades and expands on skills learned in Maritime I. Students in this course prepare for the Operator of Uninspected Passenger Vessel (OUPV) Coast Guard license and learn about how to start a career in the Maritime Industries. Students also have the opportunity to use their skills on board the Schooner *Zodiac*.

### HSC4553/4554 OCEANOGRAPHY

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: 3rd year science course after **Successful completion of Biology 1 and 2 and either Phys A/Chem A, or Chem 1/2 or Phys 1/2**

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 currently.**

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## Project Lead-The-Way Pathway

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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 on your Yearlong Registration form.

**Grades 9-12:** Introduction to Engineering Design 1/2

**Grades 10-12:** Principles of Engineering 1/2

**Grades 10-12:** Computer Integrated Manufacturing 1/2

**Grade 12:** Engineering Design & Development

## PLTW PATHWAY COURSES

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.

### **HCT7181 MANUFACTURE TECH INTRO**

Length/Credit: 1 semester/ .5 credit

Prerequisites: None

Other: Open to 9, 10, 11, 12

Manufacturing Technology Introduction gives students an overview of manufacturing, including a brief history of manufacturing, social impacts, types of manufacturing production, design processes, properties of materials, manufacturing processes, safe use of tools and equipment, and career exploration. Through hands-on activities students will learn how manufacturers use technology to change raw materials into finished products.

### **HCT1574/2313 INTRODUCTION TO ENGINEERING DESIGN 1/2**

Length/Credit: Yearlong / 0.5 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

INTRO ENGINEERING DESIGN The first course of Project Lead the Way (Pre-Engineering) Program. It is an introductory course, which develops student problem solving skills, with emphasis placed on the development of three- dimensional solid models. Students will work from sketching simple geometric shapes to applying a solid modeling computer software package. They will learn a problem-solving design process and how it is used in industry to manufacture a product. The Computer Aided Design System (CAD) will also be used to analyze and evaluate the product design. The techniques learned, and equipment used, are state of the art and are currently being used by engineers throughout the United States. This is the 1st course of the Project Lead The Way curriculum.

### **HCT1576/2311 PRINCIPLES OF ENGINEERING 1/2**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Introduction to Engineering Design 1/2

Grades: 10, 11, 12

This is the second yearlong course in the Project Lead The Way (Pre-Engineering) Program and is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Students will develop engineering problem solving skills that are involved in post-secondary education programs and engineering careers. They will explore various engineering systems and manufacturing processes. They will also learn how engineers address concerns about the social and political consequences of technological change

### **HCT1577/2316 COMPUTER INTEGRATED MANUFACTURING 1/2**

Length/Credit: Semester / 0.5 credit

Prerequisite: Introduction to Engineering Design 1/2

Grades: 10, 11, 12

The adjunct course to Principles of Engineering of the Project Lead The Way (Pre-Engineering) Program is a course that applies principles of rapid prototyping, robotics and automation. This course builds upon the computer solid modeling skills developed in Introduction to Engineering Design. Students will use computer controlled rapid prototyping and CNC equipment to solve problems by constructing actual models of their three-dimensional designs. Students will also be introduced to the fundamentals of robotics and how this equipment is used in an automated manufacturing environment. Students will evaluate their design solution using various techniques of analysis and make appropriate modifications before producing their prototypes. This is an adjunct course to Principles of Engineering of the Project Lead The Way Program

### **HCT1578/2314                      ENGINEERING DESIGN AND DEVELOPMENT**

Length/Credit: Yearlong / 0.5 credit each semester

Prerequisite: A combination of two or three full years of Project Lead-the-Way courses

Grade: 12

The final course of the Project Lead the Way (Pre-Engineering) Program is a course where students will work in teams of two to four to design and construct the solution to an engineering problem (original, taken from a database of problems, or a national challenge), applying the principles developed in the four preceding courses. 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 to an outside review panel. The completed portfolio will be invaluable as students apply to college.

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## **COURSE DESCRIPTIONS BY DEPARTMENT**

### **Career & Technical Education (CTE)**

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Career and Technical Education (CTE) is a planned program of courses and learning experiences that begins with exploration of career options, supports academic and life skills, and enables achievement of high academic standards, leadership, and preparation for career and college. Examples of CTE programs & courses at Ballard High School:

- BioTech, Horticulture, Oceanography
- Visual Arts, Theatre, Media Arts
- Academy of Finance, Business Education, Marketing Education, Computer Science
- Family & Consumer Sciences
- Maritime, Woods, Metals, Project Lead the Way, Engineering, Manufacturing
- Digital Filmmaking

See Academies & Pathways Section for more details.

### **CROSS-CREDITING**

Cross-credited courses provides high school students with core academic credit towards graduation and college and university admissions. It blends academic and career & technical studies. This is an alternative way for students to meet graduation requirements and supports pursuit of preparatory Career and Technical Education Pathway completion.

## **BUSINESS EDUCATION COURSES**

### **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/ 0.5 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/ 0.5 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.

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## 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.

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**MARKETING EDUCATION COURSES**

**HCT5077 MARKETING 1**

Length/Credit 1 semester/ .5 credit

Other: Open to Grades 9, 10, 11, 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” they 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.

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## **COMPUTER SCIENCE COURSES**

### **HCT2547/2548                      CS1: IMMERSIVE MEDIA A/B**

Length/Credit: Yearlong/0.5 credit each semester

Prerequisite: None

Other: Open to grades 9-12; Emphasis on independent study

This course introduces students to high level computer science concepts and creative design approaches while they learn how to use immersive technologies. Students will learn product design theory, programming concepts

and product management skills while using industry specific software to create small projects. The class culminates with a collaborative team project of the students' own design using immersive technology such as virtual or augmented reality.

**HCT1296/1297                      CS2: AP COMPUTER SCIENCE A1/A2**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: CS1 Immersive Media A/B (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                      CS3: COMPUTER SCIENCE PROJECTS 1 & 2**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: CS2 AP Computer Science A1/A2

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.

## Career & Connected Learning (CCL)

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Career & Connected Learning is a career awareness program for rising Seattle students to explore careers, meet a variety of industry professionals, and build an initial career and education plan. Students can become involved through service-learning projects, work experience, and internships.

Career connected learning can be as simple as a businessperson visiting a classroom, talking about what they do. Or a job shadow where a young person learns more about an occupation or business. Or in some cases it can be an internship, or a registered apprenticeship, where youth are paid while they learn hands-on skills.

### CCL COURSES

**HCT1298                                      CAREER CONNECT 1/2**

Length/Credit: Semester / 0.5 credit each semester

Prerequisites: None

The purpose of this course is to provide students with instruction in the career planning process directly related to local industry data, career interest, and skill attainment. Through the course, students will be developing a professional career portfolio, which includes career assessments, resumes, cover letters, and artifacts of student's work that demonstrate their 21st century skills. Students will evaluate their employability skills, identify their personal values, learning styles, personality types, and career interests as they start to plan for

their future through authentic classroom projects, career panels, field trips, internships and job interviews. Students can explore future careers, set goals and create a professional portfolio in order to be successful in their transition to life after high school.

## WORKSITE LEARNING COURSES

Students can participate in credit bearing CTE Internships. See our Career Connected Learning Coordinator for information, eligibility requirements, and registration process. The table below is a sampling of courses and does not infer availability.

Course Number	Course Name	Credit
HCT3819	AG WRKSITE 1	0.50
HCT3820	AG WRKSITE 2	0.50
HCT3825	BIO MED WRKSITE 1	0.50
HCT3826	BIO MED WRKSITE 2	0.50
HCT3827	BUILDING WRKSITE 1	0.50
HCT3828	BUILDING WRKSITE 2	0.50
HCT3829	BUSINESS WRKSITE 1	0.50
HCT3830	BUSINESS WRKSITE 2	0.50
HCT3831	COMM TECH WRKSITE 1	0.50
HCT3832	COMM TECH WRKSITE 2	0.50
HCT3833	COMM/JOURNALISM WRKSITE 1	0.50
HCT3834	COMM/JOURNALISM WRKSITE 2	0.50
HCT3835	COMPUTER INFO SC WRKSITE 1	0.50
HCT3836	COMPUTER INFO SC WRKSITE 2	0.50
HCT3837	CULINARY WRKSITE 1	0.50
HCT3838	CULINARY WRKSITE 2	0.50
HCT3839	EDUCATION WRKSITE 1	0.50
HCT3840	EDUCATION WRKSITE 2	0.50
HCT3807	ENGIN TECH WRKSTE 1	0.50
HCT3808	ENGIN TECH WRKSTE 2	0.50
HCT3809	ENGINEERING WRKSTE 1	0.50
HCT3810	ENGINEERING WRKSTE 2	0.50
HCT3843	FACSE WRKSITE 1	0.50
HCT3844	FACSE WRKSITE 2	0.50
HCT3863	FINE ARTS WRKSITE 1	0.50
HCT3864	FINE ARTS WRKSITE 2	0.50
HCT3811	GOV PUB ADM WRKSTE 1	0.50
HCT3812	GOV PUB ADM WRKSTE 2	0.50
HCT3847	HEALTH SCI WRKSITE 1	0.50
HCT3848	HEALTH SCI WRKSITE 2	0.50
HCT3849	HOSP WRKSITE 1	0.50
HCT3850	HOSP WRKSITE 2	0.50

Course Number	Course Name	Credit
HCT3851	LEGAL PROFESSIONS WRKSITE 1	0.50
HCT3852	LEGAL PROFESSIONS WRKSITE 2	0.50
HCT3853	MARKETING WRKSITE 1	0.50
HCT3854	MARKETING WRKSITE 2	0.50
HCT3855	MECHANIC WRKSITE 1	0.50
HCT3856	MECHANIC WRKSITE 2	0.50
HCT1191	MKTG ED APPLIED 3	0.50
HCT1192	MKTG ED APPLIED 4	0.50
HCT3817	NATURAL RESOURCES WRKSITE 1	0.50
HCT3818	NATURAL RESOURCES WRKSITE 2	0.50
HCT3857	PRECISION WRKSITE 1	0.50
HCT3858	PRECISION WRKSITE 2	0.50
HCT3859	SECURITY WRKSITE 1	0.50
HCT3860	SECURITY WRKSITE 2	0.50
WCT4648	SKC COMM JOURNAL WRKSTE 1	0.50
WCT4649	SKC COMM JOURNAL WRKSTE 2	0.50
WCT4652	SKC COMP IT WRKSTE EXP 1	0.50
WCT4653	SKC COMP IT WRKSTE EXP 2	0.50
WCT4664	SKC CONST WRKSTE 1	0.50
WCT4665	SKC CONST WRKSTE 2	0.50
WCT4666	SKC CULINARY WRKSTE EXP 1	0.50
WCT4667	SKC CULINARY WRKSTE EXP 2	0.50
WCT4675	SKC HLTH SCI WRKSTE 1	0.50
WCT4676	SKC HLTH SCI WRKSTE 2	0.50
HCT5806	SKC HOSPITALITY WRKSTE 1	1.00
HCT5807	SKC HOSPITALITY WRKSTE 2	0.50
WCT4683	SKC MARITIME WRKSTE 1	0.50
WCT4684	SKC MARITIME WRKSTE 2	0.50
WCT4685	SKC PROTECT SERV WRKSTE 1	0.50
WCT4686	SKC PROTECT SERV WRKSTE 2	0.50
HCT1759	TECHNOLOGY ED WKSITE 1	0.50
HCT1760	TECHNOLOGY ED WKSITE 2	0.50

Course Number	Course Name	Credit
HCT3861	TRANS MOV WRKSITE 1	0.50

Course Number	Course Name	Credit
HCT3862	TRANS MOV WRKSITE 2	0.50

## Technical Education Department

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### TECHNICAL EDUCATION COURSES

#### **HCT7374 MARITIME I - SURVEY**

Length/credit: 1st semester/ .5 credit

Prerequisite: None

Other: Offered 1st semester only, Occ. Ed. Credit/10th, 11th, or 12th Grade

This course is a semester-long introduction to the various marine-related industries in Puget Sound and elsewhere, as well as an introduction to maritime-related skills. Students also have the opportunity to use their skills on board the steam ship *Virginia V.*

#### **HCT7375 MARITIME II - SKILLS**

Length/credit: 2nd semester only/0.5 Occ. Ed. Credit

Prerequisite: Maritime I - Survey

This course is the second part of the Maritime-specific courses for Maritime Academy students. This course centers on skills specific to the maritime trades and expands on skills learned in Maritime I. Students in this course prepare for the Operator of Uninspected Passenger Vessel (OUPV) Coast Guard license and learn about how to start a career in the Maritime Industries. Students also have the opportunity to use their skills on board the Schooner *Zodiac*.

#### **HCT2543, CFA2543 GRAPHIC DESIGN BEGINNING (formerly Graphic Arts I)**

Length/Credit: Semester, 0.5

Graphic Design Beginning is an introductory course that teaches the fundamentals of creatively and effectively communicating through digital images. Employing both traditional and digital tools, students learn graphic design skills, software, and industry standards. This course may be cross-credited for Fine Arts.

#### **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.

**HCT7181                      MANUFACTURE TECH INTRO**

Length/Credit: 1 semester/ .5 credit

Prerequisites: None

Other: Open to 9, 10, 11, 12

Manufacturing Technology Introduction gives students an overview of manufacturing, including a brief history of manufacturing, social impacts, types of manufacturing production, design processes, properties of materials, manufacturing processes, safe use of tools and equipment, and career exploration. Through hands-on activities students will learn how manufacturers use technology to change raw materials into finished products.

**HCT1574/2313                      INTRODUCTION TO ENGINEERING DESIGN 1/2**

Length/Credit: Yearlong / 0.5 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

INTRO ENGINEERING DESIGN The first course of the Project Lead the Way (Pre-Engineering) Program is an introductory course, which develops student problem solving skills, with emphasis placed on the development of three- dimensional solid models. Students will work from sketching simple geometric shapes to applying a solid modeling computer software package. They will learn a problem-solving design process and how it is used in industry to manufacture a product. The Computer Aided Design System (CAD) will also be used to analyze and evaluate the product design. The techniques learned, and equipment used, are state of the art and are currently being used by engineers throughout the United States. This is the 1st course of the Project Lead The Way curriculum.

**HCT1576/2311                      PRINCIPLES OF ENGINEERING 1/2**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Introduction to Engineering Design 1/2

Grades: 10, 11, 12

This is the second yearlong course in the Project Lead The Way (Pre-Engineering) Program and is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Students will develop engineering problem solving skills that are involved in post-secondary education programs and engineering careers. They will explore various engineering systems and manufacturing processes. They will also learn how engineers address concerns about the social and political consequences of technological change.

**HCT1577/2316                      COMPUTER INTEGRATED MANUFACTURING 1/2**

Length/Credit: Semester / 0.5 credit

Prerequisite: Introduction to Engineering Design 1/2

Grades: 10, 11, 12

The adjunct course to Principles of Engineering of the Project Lead The Way (Pre-Engineering) Program is a course that applies principles of rapid prototyping, robotics and automation. This course builds upon the computer solid modeling skills developed in Introduction to Engineering Design. Students will use computer controlled rapid prototyping and CNC equipment to solve problems by constructing actual models of their three-dimensional designs. Students will also be introduced to the fundamentals of robotics and how this equipment is used in an automated manufacturing environment. Students will evaluate their design solution using various techniques of analysis and make appropriate modifications before producing their prototypes. This is an adjunct course to Principles of Engineering of the Project Lead The Way Program

**HCT1578/2314                      ENGINEERING DESIGN AND DEVELOPMENT**

Length/Credit: Yearlong / 0.5 credit each semester

Prerequisite: A combination of two or three full years of Project Lead-the-Way courses

Grade: 12

The final course of the Project Lead the Way (Pre-Engineering) Program is a course where students will work in teams of two to four to design and construct the solution to an engineering problem (original, taken from a database of problems, or a national challenge), applying the principles developed in the four preceding courses. 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 to an outside review panel. The completed portfolio will be invaluable as students apply to college.

**HCT2452/2453                      VIDEO BEGINNING A & B**

Length/Credit: Semester, 0.5 or Year-long, 1.0

Course Code(s): (A) HCT2452 (A) CFA2452, (B) HCT2453 (B) CFA2453

This introductory course teaches the fundamentals of creatively and effectively communicating visual stories through the lens of a video camera, including critical media analysis. Students collaborate while learning the video production process: pre-production (planning, developing ideas, and identifying resources), production (lighting, composition, and audio recording techniques), and post-production (editing with graphics, sound, and visual effects). Types of productions may include narrative, documentary, news, informational, and experimental. This course may be cross-credited for Fine Arts.

**HCT2454/2455                      VIDEO ADVANCED A & B**

Length/Credit: Semester, 0.5 or Year-long, 1.0

Course Code(s): (A) HCT2454 (A) CFA2454, (B) HCT2455 (B) CFA2455

This is a hands-on, project-based course in which students work in teams to produce a variety of increasingly complex productions. Students refine their understanding of the production process, incorporating more advanced techniques in development, shooting, sound, lighting, editing, graphics and special effects. This course may be cross-credited for Fine Arts. This course may be repeated for credit. 1/17/2020 5

## **HCT/CFA 2464/2465 VIDEO SPECIAL PROJECTS**

Length/Credit: Semester, 0.5 or Year-long, 1.0

Video Special Projects is a hands-on, project-based course in which students display leadership while producing a variety of highly complex productions. Emphasis is placed on approaching mastery of techniques in development, shooting, sound, lighting, editing, graphics and special effects. This course may be cross-credited for Fine Arts. This course may be repeated for credit.

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# **Family and Consumer Sciences Education Department**

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## **FAMILY & CONSUMER SCIENCES COURSES**

### **HCT7027/7028 FOOD SCIENCE 1 & 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 any semester. The course includes safety and sanitation, the scientific method, food preparation and evaluation, consumer information, and nutrition. Projects include community service and the development of leadership skills.

### **HCT5484 HUMAN DEVELOPMENT**

Length/Credit: 1 semester/.5 occupational credit

Prerequisite: None—open to all grades

This course explores the human life cycle, history of parenting, child development, and diseases. Class instruction will include Child Care Basics. This is a great class for students interested in healthcare, childcare, or psychology.

### **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

Students will continue studying competencies begun in the Human Development class. Course work will include Human Development National Standards activities, assignments, and working with special education students.

### **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. The course includes 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 helps students become better clothing consumers as well as learning valuable sewing techniques. The students will use sewing machines to make projects. Other activities include fashion drawing, studying fashion designers, career exploration, fabric recycling, and wardrobe planning. Students will need to provide fabric and other materials for most 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 sewing techniques. Students will design and produce garments along with other advanced projects. Internships can be set up for more experience.

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## English Language Arts (ELA) Department

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### ENGLISH LANGUAGE ARTS COURSES

**HLA3093/3095 INTRO TO LIT COMP 9A/9B**

**HLA3094/3096 INTRO TO LIT COMP 9A/9B**

**INTEGRATED HONORS & CORE**

Length/Credit: Yearlong/ .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*, and *American Born Chinese*. The writing emphasis is on narrative and expository writing, with a sustained introduction to argumentative writing.

With support from the Ballard staff and administration, the English Language Arts department has created a 9<sup>th</sup>-grade class that grants all students the opportunity to earn honors-level credit. Should any student feel that the demands of the Honors curriculum are too great, they may opt-out and then earn core credit for the class. We believe—and research supports this belief—that an inclusive, diverse class, provides a better education for all students.

**HLA3093/3095 INRTO TO LIT COMP 9A/9B BIOTECH CORE**

**HLA3094/3096 INTRO TO LIT COMP 9A/9B – BIOTECH HONORS OPT**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Biotech Academy membership and freshman standing

Integrated Honors & Core

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*, and *American Born Chinese*. The writing emphasis is on narrative and expository writing, with a sustained introduction to argumentative writing.

In the spring, a major unit focuses on creating real-world solutions for environmental issues around the production and consumption of energy. Academy teams will represent Ballard at a regional science fair—for which they've researched, assembled a project, and crafted a presentation.

**HLA3097/3099                      WRLD LIT COMP 10A / 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 10<sup>th</sup> 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                      WRLD LIT COMP 10A / 10B HONORS OPTION**

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 10<sup>th</sup> 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. (Integrated Honors & Core)

**HLA3097/3099                      WORLD LIT & COMP 10A /10B – BIOTECH**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Biotech Academy Pathway & sophomore standing

World Literature and Composition is a yearlong course where students read international texts, including four selections from the Seattle Public Schools 10<sup>th</sup> 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' Chemistry class. Major projects in both semesters are linked between the two classes, and they have a Language Arts and Chemistry component.

**HLA3101/3103                    AMER LIT COMP 11A / 11B**

Length/Credit: Yearlong/ 0.5 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.

**HLA3102/3104                    AMER LIT COMP 11A / 11B HONORS**

Length/Credit: Yearlong/ 0.5 credit each semester

This honors course is marked by an expectation for a greater degree of student participation and involvement in discussions. American Literature and Composition 11AH/BH prepares students for the complexities they will face in college and career through a carefully constructed course of study. The course expects self-directed students to examine historical and cultural influences on literature while also guiding them as critical readers and writers. The class promotes an understanding of works in their contexts and of the enduring human values which are present in and unite American literary traditions.

**HLA2492/2493                    AP ENG LANG COMP 1 / 2**

Length/Credit: Yearlong/ 0.5 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.

**HLA2492/2493                    AP ENG LANG COMP – BIOTECH**

Length/Credit: Yearlong/ 0.5 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.

**HLA3123/3124                      COMPAR LIT COMP 12A / 12B**

Length/Credit: Yearlong/ 0.5 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 ENG LIT COMP 1 / 2**

Length/Credit: Yearlong class/ 0.5 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.

**HLA7687/7669                      ENGL 111 COMPOS LIT / C LIT 240 FILM AS LIT**

Length/Credit: Yearlong/ 0.5 credit each semester

Other: CIHS (College in High School) Will satisfy fourth year for college entrance. University of Washington credits available for additional fee **UW credit is only available to Juniors and Seniors.**

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/ 0.5 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/ 0.5 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.

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## English Language Learners (ELL) Department

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

Length/Credit: Yearlong/ 0.5 credit each semester

Entry level class for ELLs in grade 9 reading below grade level 7. Focus on development of academic vocabulary through literary comprehension and analysis. Practice reading, speaking, writing, and listening skills to reach appropriate grade level standards

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

Length/Credit: Yearlong/ 0.5 credit each semester

For ELLs in grade 10 reading below grade level 8. Focus on development of academic vocabulary through literary comprehension and analysis. Practice reading, speaking, writing, and listening skills to reach appropriate grade level standards

**HLA5575/5576 ELD AMER LIT COMP 11 A/B**

Length/Credit: Yearlong/ 0.5 credit each semester

For ELLs in grade 11 reading below grade level 9. Focus on development of academic vocabulary through literary comprehension and analysis. Practice reading, speaking, writing, and listening skills to reach appropriate grade level standards.

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

Length/Credit: Yearlong/ 0.5 credit each semester

For ELLs in grade 12 reading below grade level 10. Focus on development of academic vocabulary through literary comprehension and analysis. Practice speaking, writing, and listening skills to reach appropriate grade level standards

**HSS2201/2202                    ELD WORLD HISTORY 1/2 MULTILEVEL**

Length/Credit: Yearlong/ 0.5 credit each semester

For 9-12 grade ELLs reading below grade level 7. Chronological study of worlds geography, history, culture, politics and economics. Focus on reading, writing, and research skills.

**HSS2203                            ELD WORLD HISTORY 3 MULTILEVEL**

Length/Credit: 1 semester/ .5 Credit

For 9-12 grade ELLs reading below grade level 7. Chronological study of world geography, history, culture, politics and economics. Focus on reading, writing, and research skills.

**HSS2204/2205                    ELD UNITED STATES HISTORY 11 A/B**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: World History 1, 2, and 3

For grade 11-12 ELLs reading below grade level 9. Chronological study of pre-colonial period through Civil War to present history, and explore themes such as democracy, expansion, immigration, politics, and policies. Focus on building academic vocabulary and research skills.

**HSS2206                            ELD AMERICAN GOVERNMENT AND ECONOMICS**

Length/Credit: 2nd semester/ .5 Credit

Prerequisite: ELD US History 11B

For grade 12 ELLs reading below grade level 10. Explore the role of local, state, and federal government including 3 branches of government outlined in the Constitution, the US economic system, and civic involvement. Focus on developing academic vocabulary and research skills.

**HLA2085/7988                    ELD 3A/B ADJUNCT**

Length/Credit: 1 semester/ .5 Credit

Available to ELLs of all levels who need additional support to develop skills in English, math, social studies, or science to meet grade level standards. Students are required to maintain a weekly planner and will practice communication skills, critical thinking, and study skills.

## Health, Fitness & Physical Development Courses

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### **HHE9006 HEALTH**

Length/Credit: 1 semester/ .5 credit

Other: 9<sup>th</sup> 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 will study units that are essential for a healthy lifestyle. Topics include Physical, Social, Emotional/Mental, & Intellectual categories of health education.

### **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. Excellent for beginner to moderate physical skill levels.

### **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.

### **HPE9239 PE-M Unified PE**

Length/Credit: 1 semester/ .5 credit

Other: Grades 9 – 12

This class is open to General Ed Students and Students w/disabilities. GenEd students will be partners and supports for students with disabilities in their modified physical education class (see HPE4099 Physical Education Partner). All students will participate in individual and team sports, such as basketball, badminton, tennis, volleyball, flag football, indoor baseball and/or a variety of fitness related activities.

**HPE4099 Physical Education Partner**

Length/Credit: 1 semester/ .5 credit

Other: Grades 9-12

The purpose of this class is to be partners and supports for students with disabilities in their modified physical education class. See HPE9239 PE-M Unified PE course for details. Student PE Partners will have the opportunity to earn Service-Learning Hours as well as their PE credit. Principles taught in this class will follow the physical education core curriculum and enhance teaching and learning skills for students.

**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.

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## Mathematics Department

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Note on prerequisites for Mathematics courses: We recommend successful completion of Geometry and a check-in with your math teacher before signing up

### MATHEMATICS COURSES

**HMA2684/2686 ALGEBRA 1A / 1B**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisites: Math 8

Algebra 1A Students model and analyze real-world and mathematical situations using linear and exponential equations and functions. Note: Algebra 1 may be taken concurrently with Geometry.

Algebra 1B Students model and analyze real-world and mathematical situations using linear, exponential, quadratic equations, inequalities and functions. Students will summarize, represent, and interpret single variable and bi-variate categorical and quantitative data. Note: Algebra 1 may be taken concurrently with Geometry.

**HMA2685/2687 ALGEBRA 1A / 1B Honors**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisites: Math 8

Algebra 1A / 1B Honors level courses requires deeper connection between concepts and application to new contexts.

**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/0.5 credit each semester

Prerequisite: Algebra 1

Geometry A Semester 1- Students formalize their understanding of angle relationships and triangle properties. Students use geometric transformations and formal constructions to study congruence and similarity. Students develop formal proofs of angle and triangle properties and relationships using precise language and notation.

Note: Geometry may be taken concurrently with either Algebra 1 OR Algebra 2

Geometry B Semester 2 - Students establish properties of right triangles (including trigonometric ratios), quadrilaterals, and circles and use these properties to write formal proofs and solve real-world and mathematical problems. Students extend work with area and volume to investigate real-world modeling problems. Students further develop probability concepts, focusing on conditional probability, independence, and compound events. Note: Geometry may be taken concurrently with either Algebra 1 OR Algebra 2.

**HMA2693/2695 GEOMETRY A/B BIOTECH**

Length/Credit: yearlong 0.5 credit per semester

Prerequisite: Biotech Academy Pathway

Other: All BioTech math classes are block scheduled with Language Arts and BioTech Biology

Same description as HMA2692/2694 Geometry A/B – Integrated Honors Option

**HMA2693/2695 GEOMETRY A/B HONORS**

This is an honors-level course that requires deeper connection between concepts and application to new contexts.

**HMA3733/3738 GEOMETRY A/B – M**

Teachers will provide modifications in the content to meet student IEP goals. Students with an LRE score of 80-100 and who qualify in mathematics can be enrolled in this course.

**HMA2688/2690 ALGEBRA 2A/2B**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Algebra 1

Note: Algebra 2 may be taken concurrently with Geometry.

Algebra 2A, Semester 1 - Students model and analyze real-world and mathematical situations using polynomial, radical, exponential, logarithmic, functions and equations.

Algebra 2B, Semester 2 - Students model and analyze real-world and mathematical situations using rational and trigonometric functions and equations. Students use statistical techniques to evaluate linear models for bivariate data and normal models for single variable quantitative data. Students will receive high school credit on their transcript for this course.

**HMA2688/2690 ALGEBRA 2A/2B BIOTECH**

Length/Credit: Yearlong course/ 0.5 credit each semester

Prerequisite: Biotech Academy Pathway, Algebra 1 & Geometry

Other: All biotech math classes are block scheduled with Language Arts and BioTech Chemistry

**HMA2689/2691 ALGEBRA 2A/2B HONORS**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Algebra 1

Note: Algebra 2 may be taken concurrently with Geometry

This is an honors-level course that requires deeper connection between concepts and application to new contexts.

**HMA2706/2707 ALGEBRA 2A/2B – M**

Teachers will provide modifications in the content to meet student IEP goals. Students with an LRE score of 80-100 and who qualify in mathematics can be enrolled in this course.

**HCT2517/2518 FINANCIAL ALGEBRA**

Length/Credit: Yearlong/ 0.5 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/ 0.5 credit each semester

Prerequisite: Algebra 2B

Pre-Calculus A, Semester 1 - Students model and analyze real-world and mathematical situations using piece-wise, absolute value, quadratic, exponential, logarithmic, polynomial, rational, and trigonometric functions. Students extend their understanding of these functions through study of their inverses, reciprocals and composition of functions.

Pre-Calculus B, Semester 2 - Students apply trigonometric and triangle relationships to prove trig identities. Students use matrices as a tool to solve systems and vectors to model Physics applications. Students represent conic sections algebraically and graphically. Students extend their understanding of probability to evaluate outcomes of decisions.

**HMA2697/2699                      PRE-CALCULUS A/B HONORS**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Algebra 2B

Pre-Calculus Honors, Semester 1 - Students model and analyze real-world and mathematical situations using piece-wise, absolute value, quadratic, exponential, logarithmic, logistic, polynomial, rational, and trigonometric functions. Students extend their understanding of these functions through study of their inverses, reciprocals and composition of functions. Students apply trigonometric and triangle relationships to prove trig identities. This is an honors-level course that requires deeper connection between concepts and application to new contexts.

Pre-Calculus Honors Semester 2 - Students apply trigonometric and triangle relationships to prove trig identities. Students use matrices as a tool to solve systems and vectors to model Physics applications. Students represent conic sections algebraically and graphically. Students model and represent vectors and conic sections with parametric and polar equations. Students extend their understanding of probability to evaluate outcomes of decisions. Students model situations with arithmetic and geometric sequences and series. This is an honors-level course that requires deeper connection between concepts and application to new contexts.

**HMA3322/3323                      CALCULUS A/B**

Length/Credit: Yearlong/ 0.5 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/ 0.5 credit each semester

Prerequisite: Pre-calculus

AP Calculus AB A is designed to be the equivalent of the first half of a one-semester college calculus course and prepares students to take the AP Calculus AB Exam in May. Units include limits, differentiation and applications.

AP Calculus AB B is designed to be the equivalent of the second half of a one-semester college calculus course and prepares students to take the AP Calculus AB Exam in May. This course follows AP Calculus AB A. Units include integration, differential equations, and their applications.

**HMA1938/1939                      AP CALCULUS B/C**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Pre-calculus

Recommendation: Successful completion of AP Calculus AB

AP Calculus BC A is designed to be equivalent to the first semester of a two-semester college calculus course. Units include limits, differentiation, and integration. This course prepares students to take the AP Calculus BC Exam in May.

AP Calculus BC B is designed to be equivalent to the second semester of a two-semester college calculus course. Topics include differential equations, applications of integration, parametric functions, and sequences and series. This course prepares students to take the AP Calculus BC Exam in May.

**HMA1763/1764                      PROBABILITY AND STATISTICS A/B**

Length/Credit: Yearlong/ 0.5 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.

**HMA2530/2531                      AP STATISTICS A/B**

Length/Credit: Yearlong/ .5 credit per semester

Prerequisite Successful completion of Algebra 2

Other: Use of a graphing calculator is an integral part of this course and is required for AP testing.

AP Statistics A is designed to be the equivalent of the first half of a one-semester college statistics course and prepares students to take the AP Statistics Exam in May. Students learn how to collect, display and describe data. Students deepen their understanding of probability as it pertains to the role of randomness in data gathering.

AP Statistics B is designed to be the equivalent of the second half of a one-semester college statistics course and prepares students to take the AP Statistics Exam in May. Students learn to draw conclusions about populations based on the results of a single sample by creating confidence intervals to estimate population values and conducting hypothesis tests to make decisions.

**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.

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## Science Department

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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 (WCAS), to graduate.

## SCIENCE COURSES

### **HSC1258/1259                      BIOLOGY A/B**

Length/Credit: Yearlong/ 0.5 credit each semester

Biology A, Semester 1: Tracing Matter and Energy, students will study the formation of carbon-based molecules, organization of multicellular organisms, homeostasis, mitosis, cellular respiration, aerobic and anaerobic conditions, ecosystems, photosynthesis, impacts of human activity, and energy and mineral resources. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

Biology B, Semester 2: Tracing Information through Generations, students will study mitosis, transcription and translation, homeostasis, inheritance, genetic variation, population genetics, group behavior and survival, evolution, natural selection, adaptation, Earth's formation, Earth's systems and life on Earth, carrying capacity, biodiversity, impacts of human activity. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

### **CSC4091/4092                      BIO TECH BIO 1 / 2**

Length/Credit: Yearlong course/ 0.5 credit each semester

Prerequisite: Acceptance into Biotech Academy

This course is integrated with Biotech LA9, 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 – Science and Engineering Fair.

### **HSC 3112/HSC3111                      PHYS A/CHEM A**

Length/Credit: Yearlong/0.5 credit each semester

Introduction to Chemistry and Physics. Aligned to the Next Generation Science Standards to provide a foundation of Chemistry and Physics in preparation for junior year state science test (Washington Comprehensive Assessment of Science (WCAS)). Chem A will cover origin of elements, atomic trends and material sciences. Phys A will cover wave and magnetism properties as well as technologies. Earth Science topics and Engineering practices are interlaced as well.

### **HSC3212/HSC3211                      PHYS B/CHEM B**

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites: Phys A/Chem A

Other:

In this course, Chemistry B: Reactions, Energy, and Environmental Chemistry, students will study energy flow in a chemical reaction, factors affecting reaction rate, conditions affecting production of a reaction, mass conservation, second law of thermodynamics, changes to earth's systems, effect of energy flow on climate, properties of water, carbon cycling, climate change, and impacts of human activity. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

In this course, Physics B: Mechanics in the Earth Solar System, students will study energy changes and flow, energy associated with motion and relative position, conversion between forms of energy, formation of continental and ocean-floor features, cycling of matter, Newton's Second Law of motion, conservation of momentum, collisions, the relationship between electric currents and magnetic fields, and motion of orbiting

objects. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

**HSC3211/HSC3212                    CHEM B / CHEM C**

Semester 1, Chemistry B: Reactions, Energy, and Environmental Chemistry, students will study energy flow in a chemical reaction, factors affecting reaction rate, conditions affecting production of a reaction, mass conservation, second law of thermodynamics, changes to earth's systems, effect of energy flow on climate, properties of water, carbon cycling, climate change, and impacts of human activity. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

Semester 2, Chemistry C offers extended topics in chemistry such as gas laws, thermodynamics, acid/base chemistry, molecular geometry, organic chemistry, biochemistry, as well as a more in-depth study of topics addressed in Chemistry A and B. Students will be engaged in lab-based chemistry that will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

**CSC4093/4094                    BIO TECH CHEMISTRY 1 /2**

Length/Credit: Yearlong/0.5 credit each semester

Prerequisites: Successful completion of Biology 1 / 2

Recommendations: Successful completion of Geometry

Other: Bio Tech Academy Pathway

This is a traditional algebra-based two semester college preparatory course that is recognized by college acceptance offices nationally. The course will take the students deep into the understanding of chemistry. This year-long course will involve the mathematical and laboratory investigation of complex systems including molecular structure, kinetics, equilibrium, gas laws, organic molecules, acid-base interactions and electrochemistry.

**HSC3002                    ENVIRONMENTAL HORTICULTURE 1/2 (Year Long or Semester)**

Length/Credit: Yearlong or Semester/ 0.5 credit each semester

Prerequisites: None

Cross-Crediting: Occ Ed. or Lab Science credit; aligned to South Seattle College horticulture courses Fall 2019

Other: Open to grades 9, 10,11,12

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 campus. This course can be taken to satisfy Occupational Education credit or a science credit.

**HSC3157/3257                      BOTANY 1/2**

Length/Credit: Yearlong/ 0.5 credit each semester

Other: Open to 10, 11, 12 grades

Prerequisite/Recommendations: 3rd year science course after **successful completion of Biology 1/2 and Phys A/Chem A, or Chem 1/2 or Phys 1/2**

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. Aligned to the NGSS standards students will investigate botanical diversity, anatomy, morphology, evolution, plant development, biochemistry, climate change, and engineering practices to further their understanding of the complexity and importance of the plant kingdom on earth. Participation in experimental design, indoor and outdoor laboratory investigations, and independent research on plant topics will be included in the course. Guest speakers and experts in the field from local greenhouses, nurseries, and environmental organizations will consult and assist students.

**HSC3740/3741                      AP Physics 1A/1B**

Length/Credit Yearlong/.5 credit per semester

Prerequisite/Recommendations: Successful completion of Algebra 2 and Chem A/Phys A

Designed by the College Board to parallel first-semester college-level courses in algebra-based physics, AP Physics 1 courses focus on Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory circuits. These courses may also include college-level laboratory investigations.

**HCT4553/4554                      OCEANOGRAPHY**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite/Recommendations: 3rd year science course after successful completion of Biology 1/2 and Phys A/Chem A, or Chem 1/2 or Phys 1/2

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.**

**CSC4095/4096                      GENETICS 1 / 2 – BIOTECH**

Length/Credit: Yearlong/0.5 credit each semester

Prerequisite/Recommendations: Successful completion of Biology 1/2 & Chemistry ½

Other: BioTech Academy Pathway

Priority due to space restrictions is given to 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.

**HSC3718/3719**                      **ECOLOGY**

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

Other: Instructor Permission

This course is offered as an extra-curricular course and much of the work takes place outside of the building. Students learn about biodiversity, climate change, invasive species and more in a tropical location. They do their own research projects and have responsibilities to the group as well. Students also engage in service learning. Most of the work takes place during February break and an adjacent week and students are expected to complete the work they missed from any missed classes. There is a cost for the class and fundraising efforts are conducted throughout the school year. *This course may qualify for Occupational Education credit.*

**HSC0451/0452**                      **AP ENVIRONMENTAL SCIENCE 1 & 2**

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite/Recommendations: 3rd year science after successful completion of Biology 1/2 and Phys A/Chem A, or Chem 1/2 or Phys 1/2

This year long course designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems.

**HSC3012/3148**                      **AP BIOLOGY 1/2**

Length/Credit: Yearlong/ 0.5 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 level 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/ 0.5 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

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## Social Studies Department

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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:

Two semesters of World History 1 – 2 - 9th Grade

One semester of World History 3 – 10th Grade

Two semesters of United States History – 11th Grade

One semester of American Government – 12th Grade

### SOCIAL STUDIES DEPARTMENT COURSES

**HSS5852**

**WORLD HISTORY 1**

**HSS1282**

**WORLD HISTORY 1 HONORS Option**

Length/Credit: 1<sup>st</sup> semester 9th grade/ .5 credit

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 8,000 BCE to 1450 CE, through the study of different types of human societies. WH 1 builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Students may take the course with honors.

**HSS5853**

**WORLD HISTORY 2 (taken in sequence after World 1)**

**HSS1283**

**WORLD HISTORY 2 HONORS Option**

Length/Credit: 2<sup>nd</sup> semester 9th grade/ .5 credit

This course continues the study begun in World History 1 with an emphasis on the events and forces of the Early Modern period throughout the world. Students will develop greater understanding of the evolution of global processes and contacts between 1450 to 1900 CE, through the study of different types of human societies. Students will analyze the political, economic, scientific, and social changes that changed human societies. Writing skills will emphasize critique of sources, research and essay composition. This course may be taken with honors.

**HSS5854**

**WORLD HISTORY 3 (taken in sequence after World 2)**

**HSS1121**

**WORLD HISTORY 3 HONORS Option**

Length/Credit: one semester in 10th grade/ .5 credit

This course continues the study begun in World History 2 with an emphasis on the events and forces of the Early Modern period throughout the world. Students will develop greater understanding of the evolution of global processes and contacts between 1900 to present, through the study of different types of human societies. Students will analyze the political, economic, scientific, and social changes that changed human societies. Writing skills will emphasize critique of sources, research and essay composition. This course may be taken with honors.

**HSS0568/0569                      ADVANCED PLACEMENT WORLD HISTORY: MODERN**

Length/Credit: Yearlong/.5 credit each semester

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.

**HSS5856/5857                      UNITED STATES HISTORY 11 A/B**

Length/Credit: Yearlong / 0.5 credit each semester

Prerequisite: 11<sup>th</sup> 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 20<sup>th</sup> 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/ 0.5 credit each semester

Prerequisite: 11<sup>th</sup> 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: 12<sup>th</sup> 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/ 0.5 credit each semester

Prerequisite: 12<sup>th</sup> 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.

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## Special Education Department

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### SPECIAL EDUCATION COURSES

#### **HUE4191 HIGH SCHOOL STUDY SKILLS**

Length/Credit: 0.5 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-M and 9B-M**

Length/Credit: 2 semesters/ 0.5 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 10 A/B M**

Length/Credit: 2 semesters/ 0.5 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 11 A/B M**

Length/Credit: 2 semesters/ 0.5 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) programs. 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/ 0.5 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.

**HMA1963/1964 BASIC MATH I A/B M**

Length/Credit: 2 semesters/ 0.5 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/ 0.5 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.

**HMA2704/2705 Algebra 1A/B-M**

Length/Credit: 2 semesters/ 0.5 credit each semester

Students model and analyze real-world and mathematical situations using linear and exponential equations and functions. Teachers will provide modifications in the content to meet student IEP goals. Students with an LRE score of 80-100 and who qualify in mathematics can be enrolled in this course.

**HSS9337/9327 WORLD HISTORY 1/2 M**

Length/Credit: 2 semesters/ 0.5 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 HISTORY 11 A M/B M**

Length/Credit: 2 semesters/ - 0.5 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.

**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.

## 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

Students in XIP learn about their skills/abilities and career options. Based on their career path, they are placed in paid or unpaid work experiences at community-based sites.

0.5 graduation credits can be earned after completion of 180 hours per semester.

Students can participate during school, afterschool, or weekends. They can also get graduation credit for a job they already have. Students in XIP are 16+ years old and have a current Individualized Education Program (IEP) or 504 plan.

## 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.

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## Visual & Performing Arts

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Media Arts, Music, Theatre, & Visual Arts

### MEDIA ARTS COURSES

#### **HCT2543, CFA2543      GRAPHIC DESIGN BEGINNING (formerly Graphic Arts I)**

Length/Credit: Semester, 0.5

Graphic Design Beginning is an introductory course that teaches the fundamentals of creatively and effectively communicating through digital images. Employing both traditional and digital tools, students learn graphic design skills, software, and industry standards. This course may be cross-credited for Fine Arts.

**HCT2536, CFA2536      PHOTOGRAPHY BEGINNING (formerly Photo Foundations)**

Length/Credit: Semester, 0.5

Fee: \$50 per semester

Photography Beginning is designed to explore photography as a method of creative visual communication. Students in this course learn basic camera operations and principles of photography such as photo composition, lighting, exposure, and editing in both film and digit photography. This course may be cross-credited for Fine Arts.

**HCT2537, CFA2537      PHOTOGRAPHY ADVANCED (formerly Photo Advanced)**

Length/Credit: Semester, 0.5

Fee: \$50 per semester, Camera Rental: \$10 per semester

Photography Advanced is designed for students interested in expressing their personal creative vision through photography. Students in this course develop their own ideas through open-ended assignments and explore photography as a potential career pathway. This course may be cross-credited for Fine Arts. This course may be repeated for credit.

**HFA/CCT8132, 8133      AP ART AND DESIGN A & B**

Length/Credit: Year-long, 1.0

This year-long AP Art and Design course presents an inquiry-based approach to learning about art and design. Students conduct in-depth and sustained investigation of materials, processes, and ideas with a self-selected media focus: Drawing, 2D and 3D art. This process supports students to become inquisitive and thoughtful artists and designers. The course continues for a second semester where students develop a portfolio in preparation for AP College Board submission. This course is recommended but not limited to students looking to apply to art colleges after high school.

**HCT/CFA2452, 2453      VIDEO BEGINNING A & B (formerly Video Production 1 / 2)**

Length/Credit: Semester, 0.5 or Year-long, 1.0

This introductory course teaches the fundamentals of creatively and effectively communicating visual stories through the lens of a video camera, including critical media analysis. Students collaborate while learning the video production process: pre-production (planning, developing ideas, and identifying resources), production (lighting, composition, and audio recording techniques), and post-production (editing with graphics, sound, and visual effects). Types of productions may include narrative, documentary, news, informational, and experimental. This course may be cross-credited for Fine Arts.

**HCT/CFA2454, 2455      VIDEO ADVANCED A & B (formerly Video Production 2 / 3)**

Length/Credit: Semester, 0.5 or Year-long, 1.0

This is a hands-on, project-based course in which students work in teams to produce a variety of increasingly complex productions. Students refine their understanding of the production process, incorporating more advanced techniques in development, shooting, sound, lighting, editing, graphics and special effects. This course may be cross-credited for Fine Arts. This course may be repeated for credit.

**HCT/CFA2464, 2465      VIDEO SPECIAL PROJECTS (formerly Video Production 3 / 4)**

Length/Credit: Semester, 0.5 or Year-long, 1.0

Video Special Projects is a hands-on, project-based course in which students display leadership while producing a variety of highly complex productions. Emphasis is placed on approaching mastery of techniques in

development, shooting, sound, lighting, editing, graphics and special effects. This course may be cross-credited for Fine Arts. This course may be repeated for credit.

## MUSIC COURSES

### **HFA/CCT7948, 7949      CONCERT ORCHESTRA A & B**

Length/Credit: Year-long, 1.0

Course Code(s): (A) HFA7948 (A) CCT7948, (B) HFA7949 (B) CCT7949

This year-long performing ensemble is for intermediate to advanced students of String instruments, and may also include Wind, Brass, and Percussion instruments. Orchestra students play a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. Students develop skills in tone production, phrasing, rhythmic and aural acuity, and the advancement of technical skills. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

### **HFA/CCT8112, 8113      SYMPHONY ORCHESTRA A & B**

Length/Credit: Year-long, 1.0

Course Code(s): (A) HFA8112 (A) CCT8112, (B) HFA8113 (B) CCT8113

This year-long performing ensemble is for advanced students of String, Wind, Brass, and Percussion instruments. Orchestra students play a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. Students develop advanced skills in tone production, phrasing, rhythmic and aural acuity, and the advancement of technical skills. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

### **HFA/CCT7942, 7943      CHAMBER ORCHESTRA A & B**

Length/Credit: Year-long, 1.0

Course Code(s): (A) HFA7942 (A) CCT7942, (B) HFA7943 (B) CCT7943

This year-long performing ensemble is for advanced students who play violin, viola, cello, and bass. Orchestra students play a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. Students develop advanced skills in tone production, phrasing, rhythmic and aural acuity, and the advancement of technical skills such as shifting, vibrato, bow control, and posture. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

### **HFA8116/8117      TREBLE CHOIR A & B**

Length/Credit: Semester, 0.5

Course Code(s): (A) HFA8116, (B) HFA8117

This course is an inclusive choral performing ensemble for soprano and alto voices. In this course, students perform fun, engaging choral literature from a variety of genres, cultures, and styles and learn correct vocal technique and musicianship skills. Students perform in school concerts and regional festivals. This course may be repeated for credit.

**HFA/CCT7946,7947      CONCERT CHOIR A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA7946 (A) CCT7946, (B) HFA7947 (B) CCT7947

Students in this year-long course participate in an intermediate to advanced choral performing ensemble that performs quality choral literature from a variety of genres and cultures. Students learn vocal technique and musicianship skills. Students perform in school concerts and regional festivals. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA/CCT7944, 7945      CHORALE A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA7944 (A) CCT7944, (B) HFA7945 (B) CCT7945

This advanced year-long course is designed to prepare the serious choral student for choral music experiences beyond high school. Chorale is an advanced choral performing ensemble. Students perform quality choral literature from a variety of genres, cultures, and styles, and learn correct vocal technique and musicianship skills. This course is a continuation of the choir sequence. Students perform in school concerts and regional festivals. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA/CCT8118, 8119      VOCAL JAZZ A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA8118 (A) CCT8118, (B) HFA8119 (B) CCT8119

This advanced course is designed for advanced musicians with an interest in jazz music. Vocal Jazz is a small mixed-voices ensemble for advanced singers and rhythm section. Students learn about various jazz styles and concepts, including improvisation and jazz theory. Students perform in school concerts and regional festivals. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA7978/7979      CONCERT BAND A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA7978, (B) HFA7979

This year-long performing ensemble is for students who play woodwind, brass, and percussion instruments. Students develop skills in tone production, phrasing, rhythmic and aural acuity, and advanced technical skills associated with one's instrument along with correct posture. Band students learn and perform a wide variety of music from different cultures and time periods. Students perform in school concerts, regional festivals and athletic events. This course may be repeated for credit.

**HFA/CCT8110, 8111      SYMPHONIC BAND A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA8110 (A) CCT8110, (B) HFA8111 (B) CCT8111

This year-long performing ensemble is designed for advanced students who play traditional woodwind, brass and percussion instruments. Students develop skills in tone production, phrasing, rhythmic and aural acuity, advanced technical skills associated with one's instrument, and correct posture. Band students learn and perform a wide variety of music from different cultures and time periods. Students perform in school concerts,

regional festivals and athletic events. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA/CCT8120, 8121      WIND ENSEMBLE A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA8120 (A) CCT8120, (B) HFA8121 (B) CCT8121

This year-long performing ensemble is designed for advanced students who play woodwind, brass and percussion instruments. Students continue to develop skills in tone production, phrasing, rhythmic and aural acuity, advanced technical skills associated with one's instrument and correct posture. Students learn and perform a wide variety of music from different cultures and time periods. Students perform in school concerts, regional festivals and athletic events. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA/CCT8096, 8097      JAZZ BAND A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA8096 (A) CCT8096, (B) HFA8097 (B) CCT8097

Students in this year-long performing ensemble learn about various jazz styles and concepts, including improvisation, jazz theory, and jazz history with traditional wind and rhythm section instrumentation. Students participate in all Jazz Band performances and activities during or outside the normal school day, including participation in festivals and trips. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA/CCT8098, 8099      JAZZ BAND ADVANCED A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA8098 (A) CCT8098, (B) HFA8099 (B) CCT8099

This advanced year-long ensemble course is intended to prepare students for college jazz programs. Students in this course learn advanced jazz styles and concepts, including improvisation and composition, jazz theory, and jazz history. Students participate in all Jazz Band Advanced performances and activities during or outside the normal school day, including participation in festivals and trips. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA8102/8103      PERCUSSION ENSEMBLE A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA8102, (B) HFA8103

This year-long ensemble is intended for students who are interested in playing pitched and non-pitched percussion instruments in a cohesive performing ensemble. Students learn and perform a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. This course may be repeated for credit.

**HFA/CCT8104, 8105      PERCUSSION ENSEMBLE ADVANCED A & B**

**Length/Credit:** Year-long, 1.0

**Course Code(s):** (A) HFA8104 (A) CCT8104, (B) HFA8105 (B) CCT8105

Students in this year-long performing ensemble course learn advanced skills and technique on pitched and non-pitched instruments. Students participate in performances and activities during or outside the normal school

day, including participation in festivals and trips. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA7958                      GUITAR LAB 1**

Length/Credit: Semester, 0.5

Course Code(s): HFA7958

Students in this course will learn the necessary skills and concepts to gain a foundational proficiency on guitar and music-reading. This is a one semester class. This course may be repeated for credit.

**HFA7940/7941                AP MUSIC THEORY A & B**

Length/Credit: Year-long, 1.0

Course Code(s): (A) HFA7940, (B) HFA7941

This advanced music course is intended for students to gain a first-year college level understanding of Western tonal music theory. Students develop their understanding of written tonal theory, aural music dictation, sight-singing, and repertoire analysis. Students are strongly encouraged to be concurrently enrolled in a music ensemble or have other musical experience.

## **THEATRE COURSES**

**HFA7872                      THEATRE BEGINNING**

Length/Credit: Semester, 0.5

Course Code(s): HFA7872

This introductory course is for all students looking to develop skills in acting and performing in front of others. Public speaking, creative problem solving, and collaboration are explored through creative activities, voice and movement exercises, improvisation, story structure, creating character, and scene study. No previous theatre experience necessary. All students are welcome. This course may be repeated for credit.

**HFA7874                      THEATRE ADVANCED**

Length/Credit: Semester, 0.5

Course Code(s): HFA7874

This advanced course expands exposure to contemporary and classic plays, broadens student repertoire of audition material, and explores specialized acting skills. The course may include topics such as advanced acting methods, resume development, movement-based acting techniques, pantomime, mask work, improvisation, stage combat, stage make-up, or creative drama. This course may be repeated for credit.

**HFA/CCT7880                THEATRE PLAY PRODUCTION**

Length/Credit: Semester, 0.5

Course Code(s): HFA7880, CCT7880

Theatre Play Production prepares students to use the skills and techniques of acting and performance in one or more plays produced for a public audience. This course mirrors professional theatre standards, culminating with a full-scale production of a play. Students may also have opportunities to work in areas of theatre production including directing, scenic design and construction, costuming, properties, stage management, promotions and publicity. Students may receive CTE credit after fulfilling all Fine Arts requirements. This course may be repeated for credit.

### **HCT/CFA2615, HFA7936 TECHNICAL THEATRE BEGINNING**

Length/Credit: Semester, 0.5

Course Code(s): HCT2615, CFA2615, HFA7936

Technical Theatre Beginning is a production-oriented course that provides foundational stagecraft skills and safety procedures preparing students for industry and college study of technical theatre. Students engage in scenic design and construction, lighting, sound, properties, costumes, make-up, special effects, theatre management, stage management, and theatre terminology. Technical Theatre Beginning is offered as a CTE course, CTE course cross-credited for Fine Arts, and a Fine Arts course. This course may be repeated for credit.

### **HCT/CFA2616, HFA7937 TECHNICAL THEATRE ADVANCED**

Length/Credit: Semester, 0.5

Course Code(s): HCT2616, CFA2616, HFA7937

Technical Theatre Advanced is a production-oriented course that extends skills in Technical Theatre and Design. Students apply, analyze and assist in the creation of a unifying concept for a production in one or more of the following disciplines: lighting, sound, properties, set construction, special effects, costumes, make-up, theatre management, or stage management. Students may choose a technical theatre focus, assist, and then lead the design process for a main stage production including the development of a design portfolio. Technical Theatre Advanced is offered as a CTE course, CTE course cross-credited for Fine Arts, and a Fine Arts course. This course may be repeated for credit.

## **VISUAL ARTS COURSES**

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

### **HFA8059 ART SURVEY**

Length/Credit: Semester, 0.5

Fee: \$20

In this introductory course, students cover a broad range of art concepts, techniques, and media. Study of the Elements of Art and Principles of Design are included in the projects to begin establishing fluency in the language of art. Sketchbooks are used to document the progression of skills acquired, and self-expression. The sketchbook contains visual and written entries, including responses and reflections on works of art. No previous art experience necessary. All students are welcome. This course may be repeated for credit.

### **HFA8126 CERAMICS BEGINNING**

Length/Credit: Semester, 0.5

Fee: \$15 per semester

This beginning course is for students who want to work with their hands and develop ideas in 3-dimensional form. Students work with clay, creating both functional and non-functional art pieces. Students learn the properties of clay, construction methods, glazing techniques and the firing process as core concepts of this course. Students learn about ceramic arts and artists from a variety of contemporary and historical sources and across cultures. No previous art experience necessary. All students are welcome. This course may be repeated for credit.

**HFA/CCT8127 CERAMICS ADVANCED**

Length/Credit: Semester, 0.5

Fee: \$20 per semester

In this course, students explore Ceramics at a higher level with hand building and wheel methods. Students design and develop works through investigation of techniques and materials through ceramic arts and artists from a variety of contemporary and historical sources across cultures. Assignments are more complex, challenging students to make deeper connections and use voice to communicate ideas. Students have a portfolio of work at the end of the semester.

**HFA8128 DRAWING AND PAINTING BEGINNING**

Length/Credit: Semester, 0.5

Fee: \$20 per semester

Drawing and Painting Beginning introduces students to the Elements of Art and Principles of Design. Study of these are included in art projects to establish fluency in the language of art. Students create art in a variety of drawing and painting media and explore the relationship between observation, artistic vision, and composition. Students use sketchbooks or other means to develop skills and ideas. Visual Art builds lifelong skills through critical thinking and the creative process. No previous art experience necessary. All students are welcome. This course may be repeated for credit.

**HFA8129, CCT8129 DRAWING AND PAINTING ADVANCED**

Length/Credit: Semester, 0.5

Course Code(s): HFA8129, CCT8129

Drawing and Painting Advanced is intended for students who want to further their knowledge and experience in drawing and painting media. Students in this course continue to create art and explore the relationship between observation, artistic vision, and composition in an advanced setting. Students explore media and ideas with more independence and demonstrate responding and reflecting on their own work and that of others. Students produce a portfolio of work at the end of this course. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

**HFA8132/8133 AP ART AND DESIGN A & B**

Length/Credit: Year-long, 1.0

Fee: \$60 per year

**Course Code(s):** (A) HFA8132 (A) CCT8132 (B) HFA8133 (B) CCT8133

This year-long AP Art and Design course presents an inquiry-based approach to learning about art and design. Students conduct in-depth and sustained investigation of materials, processes, and ideas with a self-selected media focus: Drawing, 2D and 3D art. This process supports students to become inquisitive and thoughtful artists and designers. The course continues for a second semester where students develop a portfolio in preparation for AP College Board submission. This course is recommended but not limited to students looking to apply to art colleges after high school. Students may receive CTE credit after fulfilling all Fine Arts credit requirements.

## World Languages Department

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Workbook fees may be exempt for students who qualify for free/reduced lunch.

### FRENCH LANGUAGE COURSES

#### **HWL1273/1274                      FRENCH 1A/1B**

Length/Credit: Yearlong/0.5 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/0.5 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.

#### **HWL7676/7677                      FRENCH 103 3A/3B (uwhs.uw.edu)**

Length/Credit: Yearlong/0.5 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 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students may purchase CIHS UW credit. 9<sup>th</sup> 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/0.5 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/0.5 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/0.5 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/0.5 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.

### **HWL7693/7694 JAPANESE 113 3A/3B (uwhs.uw.edu)**

Length/Credit: Yearlong/0.5 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 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students may purchase CIHS UW credit. 9<sup>th</sup> 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/0.5 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 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students may purchase CIHS UW credit. 9<sup>th</sup> 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/0.5 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 1<sup>st</sup> or 2<sup>nd</sup> level of Japanese Proficiency Test. <http://www.jlpt.jp/e/>

## SPANISH LANGUAGE COURSES

**HWL1279/1280                      SPANISH 1A/1B**

Length/Credit: Yearlong/0.5 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/0.5 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.

**HWL7678/7679 SPANISH 103 3A/3B (uwhs.uw.edu)**

Length/Credit: Yearlong/0.5 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. \$50

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 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> grade students may purchase CIHS UW credit. 9<sup>th</sup> 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/0.5 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 and short novels 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/0.5 credit each semester

Prerequisite: Successful completion of Spanish 3B or 4B or equivalent skills

Other: Open to 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> 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.

**HWL3574/3575 AP SPANISH LITERATURE AND CULTURE 6A/6B**

Length/Credit: Yearlong/0.5 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 21<sup>st</sup> 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.**

## Other Course Offerings

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### ORIENTATION COURSE

#### HUE0341

#### Focus

Length/Credit: Semester/0.5 credit

Prerequisites: none

Other: Open to 9-12, Counselor Recommendation

Focus is an orientation class designed to help incoming freshmen succeed in high school. The emphasis is on study skills, personal assessment, career decisions, conflict resolution, goal setting, health choices and leadership skills. Students who attain these skills are more likely to stay in school and succeed in life.

### STUDENT ASSISTANT COURSES - TAS

IMPORTANT: Students may take only one TA position per semester. Such credits may not exceed a total of 2.0 credits. Teacher Assistant positions earn 0.25 credit and a P/N grade. Office Assistant positions earn 0.50 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.

#### HUE1223

#### LAB ASSISTANT

Length/Credit: semester/0.5 credit

Prerequisites: none

Other: Teacher/Counselor Recommendation, P/N Grade Scale

Student assistants perform a valuable service within the schools in assisting teachers and administrative staff. They are also called TAs. Skills acquired by students often prove to be extremely useful in the job market. It is hoped that establishing good work patterns such as dependability, following directions, completing the task, and working well with others will help the student in making the transition from the school to the community

#### HUE9492

#### OFFICE ASSISTANT

Length/Credit: semester/0.5 credit

Prerequisites: none

Other: Teacher/Counselor Recommendation, P/N Grade Scale

Student assistants perform a valuable service within the schools in assisting teachers and administrative staff. They are also called TAs. Skills acquired by students often prove to be extremely useful in the job market. It is hoped that establishing good work patterns such as dependability, following directions, completing the task, and working well with others will help the student in making the transition from the school to the community

**HUE9506 TEACHER’S ASSISTANT**

Length/Credit: semester/0.25 credit

Prerequisites: none

Other: Teacher/Counselor Recommendation, P/N Grade Scale

Student assistants perform a valuable service within the schools in assisting teachers and administrative staff. They are also called TAs. Skills acquired by students often prove to be extremely useful in the job market. It is hoped that establishing good work patterns such as dependability, following directions, completing the task, and working well with others will help the student in making the transition from the school to the community.

**Placeholder Courses**

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Placeholder courses are used for scheduling or administrative purposes only. They are non-instructional, non-graded, do not earn credit and do not post to the Official High School Transcript. Late Arrival, WIAA Sports, Running Start, Counselors & Support HS M are examples of placeholder courses. They appear on the Student Schedule and online on the Source to support students and families. Contact the Counseling Center, the Registrar, or your Counselor if you have questions about a placeholder course.

<b>HNA1591</b>	<b>EARLY DISMISSAL</b>	<b>HNA4180</b>	<b>PROGRAM SUPPORT - LIBRARY</b>
<b>HNA1593</b>	<b>LATE ARRIVAL</b>	<b>HNA5705</b>	<b>SKILLS CENTER</b>
<b>HNA1603</b>	<b>CITY CAMPUS</b>	<b>HNA5890</b>	<b>ONLINE COURSES</b>
<b>HNA1604</b>	<b>RUNNING START</b>	<b>HNA9183</b>	<b>SCHOOL COUNSELOR HS</b>
<b>HNA3735</b>	<b>SUPPORT HS M (Special Education Services Case Manager)</b>		

**WIAA SPORTS PLACEHOLDER COURSES**

If a WIAA Sport is listed on the Source, it means your athletic paperwork for that activity has been successfully completed and you have been added to the roster for that specific sport. It **DOES NOT indicate status of Athletic Eligibility**. Contact the Head Coach or the Athletic Director if you have questions about Athletic Eligibility.

<b>HNA9015</b>	<b>WIAA BASEBALL BOYS</b>	<b>HNA9033</b>	<b>WIAA SWIM DIV BOY</b>
<b>HNA9016</b>	<b>WIAA BASKETBALL BOYS</b>	<b>HNA9035</b>	<b>WIAA SWIM DIV GIRL</b>
<b>HNA9017</b>	<b>WIAA BASKETBALL GIRL</b>	<b>HNA9039</b>	<b>WIAA TRCK/FIELD BOY</b>
<b>HNA9019</b>	<b>WIAA CHEER</b>	<b>HNA9040</b>	<b>WIAA TRCK/FIELD GIRL</b>
<b>HNA9020</b>	<b>WIAA CROSS COUNTRY</b>	<b>HNA9041</b>	<b>WIAA VOLLEYBALL GIRL</b>
<b>HNA9021</b>	<b>WIAA DANCE/DRILL</b>	<b>HNA9042</b>	<b>WIAA WRESTLING</b>
<b>HNA9023</b>	<b>WIAA FOOTBALL</b>	<b>HNA9043</b>	<b>WIAA SOFTBALL SLOWPITCH</b>
<b>HNA9028</b>	<b>WIAA GYMNASTICS GIRL</b>	<b>HNA9044</b>	<b>WIAA SOFTBALL FASTPITCH</b>
<b>HNA9030</b>	<b>WIAA SOCCER BOYS</b>	<b>HNA9093</b>	<b>WIAA GOLF</b>
<b>HNA9031</b>	<b>WIAA SOCCER GIRLS</b>	<b>HNA9097</b>	<b>WIAA TENNIS</b>

## **BHS ATHLETIC CLUB SPORTS PLACEHOLDER COURSES -OPTIONAL**

Club Sport coaches have the option to submit rosters to the Athletic Secretary for posting to the Source.

<b>HNA4952</b>	<b>LACROSSE BOYS</b>
<b>HNA4953</b>	<b>LACROSSE GIRLS</b>
<b>HNA4954</b>	<b>ULTIMATE FRISBEE BOYS</b>
<b>HNA4955</b>	<b>ULTIMATE FRISBEE GIRLS</b>

## **CORRECTIONS, TYPOS, CLARIFICATIONS**

Send corrections to the Ballard High School Registrar, Kim Nickerson, via email: [kdnickerson@seattleschools.org](mailto:kdnickerson@seattleschools.org)

Date	Revision
3/11/2020	Changed Immersive Media A/B to CS1: Immersive Media; changed CS3 to CS2; changed CS4 to CS3; changed pre-req to match changes; repaginate & update table of contents