

BALLARD HIGH SCHOOL

COURSE CATALOG

2014-2015



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

-adopted May, 2008

www.ballardhs.seattleschools.org

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Course Catalog 2014-2015 INTRODUCTION

Dear Parents, Guardians, and Students,

The Mission Statement of Ballard High School states that “Ballard High School is an inclusive, supportive community that cultivates a tradition of excellence for all students.” Ballard High School is a comprehensive school with a wide variety of classes and programs. Our focus areas have revolved around the development of curriculum that is aligned to our state and district standards, differentiating our instructional practice, and the development of classroom-based assessments to inform instruction. We offer support to students with an after school tutorial and we encourage all students to challenge themselves by enrolling in Advanced Placement or UW in the High Schools classes that will help prepare them for the rigors of college and career.

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

Keven Wynkoop
Principal

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REGISTRATION INFORMATION

As you choose your classes for the upcoming school year, here are a few guidelines:

- Look at your latest transcript and complete the graduation credit checklist in this booklet. This will help you identify which high school graduation requirements you have completed and which ones you have left to complete. The sample four-year plans shown in this section of the Course Catalog will help you plan your schedule to achieve your post-high school goals.
- Carefully read the course descriptions and advising guidelines for each department in this course catalog, noting the important information about course prerequisites.
- Talk to your teachers, parents, and counselor about how you are doing in certain subjects and which classes you should consider taking next year. Choose classes that support your career goals, enhance your interests, or teach you a new skill.
- Keep all the information regarding high school graduation in one place. If you are well informed, you can help yourself toward a successful high school experience.

IMPORTANT POLICIES

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

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

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

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

Report Cards and Progress Reports: Semester report cards are issued twice a year and are mailed to all students. Semester grades are posted to the official transcript. Mid-term progress reports are issued at the middle of each semester and mailed to all students. These grades are for information only. However, senior year mid-term grades may be used as part of the college admission process, even though credits are not posted to the transcript. "D" and "E" grades are reported halfway through each quarter and are mailed to students receiving these grades. These progress reports are for information only and are not posted to the 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 1st semester senior year.

Ballard High School Valedictorian/Salutatorian Policy

Ballard's Valedictorian must:

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

Class Standing: Class standing is based on credits earned: 5 credits to be a sophomore, 10 credits to be a junior, 15 credits to be a senior. A minimum of 21.00 credits are required to graduate for class of 2015 and beyond. Students must meet the graduation requirements of their "Class of" designation, as assigned in grade 9. This is never altered regardless of the year of actual graduation (i.e., early or late completion of graduation requirements).

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. See your counselor for details.

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

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

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

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

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

SAMPLE FOUR-YEAR ACADEMIC PLANS

The four-year plans below are samples only. There is much room for student choice, so students should use the information included in this Course Catalog to create the plan that works best for them. Students interested in music programs or academies should talk with their counselor as some requirements can be shifted to other years to accommodate music and academy classes.

Plan 1: To meet high school graduation and/or community/technical college entrance requirements.

While this plan is acceptable for community college entrance, students intending to go on to community college should take more math, language arts, and academic electives to prepare themselves for college courses. Students should also look closely at the Running Start and Skills Center section of this Course Catalog as these are ways to earn community college credit free of tuition while still in high school.

Grade 9	Grade 10	Grade 11	Grade 12
Intro to World Lit & Comp 9	World Lit & Comp 10	American Lit & Comp 11	Comparative Lit & Comp
World History 1/2	World History 3/Fine Art	US History 11	American Gov/Course of choice
Algebra 1	Geometry	Algebra 2	PE/Course of choice
Physical Science	Biology	Fine Art/Course of choice	Occ Ed/Course of choice
Health/PE/Music	PE/Occ Ed/Music	Occ Ed/PE/Music	Course of choice
Course of choice	Course of choice	Course of choice	Course of choice

Plan 2: To meet MINIMUM admission requirements to public four-year colleges or universities in the state of Washington.

****Please note: While the below shows the minimum admission requirements, taking the minimum does not guarantee admission. Students should take the most rigorous courses appropriate for them, including a stronger senior year**

schedule, as this is one of the most important factors in college admission. Students should also check with each college of interest for specific admission requirements as these do vary. *Western Washington University specifies that students pass one year of Chemistry, Physics, or algebra-based Principles of Technology in addition to Biology.

Grade 9	Grade 10	Grade 11	Grade 12
Intro to Lit & Comp 9	World Lit & Comp 10	American Lit & Comp 11	Comparative Lit & Comp
World History 1/2	World History 3/Course of choice	US History 11	Am Gov/Course of choice
Algebra 1	Geometry	Algebra 2	Math or other Quantitative course
Physical Science	Biology	*Science (Chem)	Occ Ed/Course of choice
Health/PE/Music	PE/Occ Ed/Music	Occ Ed/PE/Music	PE/Course of choice
World Language 1	World Language 2	Fine Art/Course of choice	Fine Art/Course of choice

Plan 3: To compete for admission to a selective 4-year college or university, or to be most competitive for admission to more selective state colleges, including the University of Washington.

This plan includes the most rigorous courses available at Ballard High School. Please note: While it is recommended that students challenge themselves by taking advanced courses, students must also be realistic about the workload required in AP or CIHS classes. Only those students truly prepared for the intense college-level workload should attempt to take all AP or CIHS courses available. Students should consult with their families, teachers, and counselor to find the balance that is right for them. This plan would require one PE waiver. In addition, many California schools require that both semesters of fine art be in the same discipline.

Grade 9	Grade 10	Grade 11	Grade 12
Intro to Lit & Comp 9 Honors	World Lit & Comp 10 Honors	AP Language & Comp 11	AP Lit & Comp or CIHS Comp
World History 1/2 Honors	AP Euro or AP World History	AP US History 11	AP American Government
Math	Math	Math	Math
Physical Science or Biology ***	Biology or Chemistry	Chemistry or Physics	Science
World Language 1 or higher ***	World Language 2	World Language 3	AP World Language
Health/PE/Music	PE/Occ Ed/Music	Fine Art/Occ Ed/Music	Fine Art/Occ Ed/Music

***If entering 9th grade at more advanced math, world language, or science level, adjust your plan accordingly.

GENERAL RECOMMENDATIONS FOR COLLEGE ADMISSION PREPARATION

- Start college planning early. Identify schools that might interest you and check their admission requirements to be sure you are taking the courses required by that college.
- Do as well as possible in your classes. The academic record (grades and rigor of courses taken) is the most important factor in college admission. Paying close attention in your classes will also help prepare you for the ACT Plus Writing/SAT tests.
- Choose meaningful electives that match or develop your interests and that allow for leadership or other enrichment opportunities
- Take the ACT Plus Writing and the SAT in the spring of your junior year and fall of your senior year. Some colleges also require SAT Subject Tests. All juniors in Seattle Public Schools take the PSAT (SAT practice test/National Merit Scholarship Qualifying test) in October, and sophomores take the ACT PLAN (ACT practice test) in October.
- Get involved in extracurricular and service learning activities that are meaningful to you or that are in an area of interest. Take an active leadership role whenever possible. Create your own path – show initiative.
- Establish good relationships with your teachers and counselor so that you will be comfortable asking for letters of recommendation if needed.

Opportunities to Earn College Credit While at Ballard High School

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 the most rigorous subject study available. Currently, AP courses are offered at Ballard HS in the following subjects: AP Literature and Composition (12th), AP Language and Composition (11th), AP American Government (12th), AP U.S. History (11th), AP European History (10th), AP World History (10th), AP Calculus AB, AP Calculus BC, AP Spanish, AP French, AP Japanese, AP Chemistry, AP Biology, AP Photography and AP Studio Art. A new offering for 2014/2015 will be AP Macroeconomics, depending on student interest. Please note: AP offerings may vary from year to year depending on student interest and staffing. Students should check with their counselors for updated AP course offerings. 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. Students are also allowed to take these CIHS courses but not purchase the college credit if they are simply seeking a rigorous course experience. Currently, CIHS courses are offered at Ballard HS in the following subjects: Spanish 3 CIHS, French 3 CIHS, Japanese 3 CIHS, Composition CIHS, Astronomy CIHS, and Oceanography CIHS. For more information, see individual course descriptions in this catalog.

Running Start: This program for 11th and 12th graders allows students to take classes at the community college and earn high school and college credit simultaneously. Tuition is free for a maximum of 15 credits per quarter in college-level courses numbered 100 or higher. However, the number of college credits each student may take free of tuition costs depends on how many 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; however, fee waivers for these expenses are available for students who qualify for free or reduced lunch. To qualify for the Running Start program, students must take a placement exam at the community college and place into English 101 and/or college level math. Priority application deadline for fall term is May 1. For winter and spring term deadlines, please see the Counseling Center as these deadlines vary between colleges. Students who are interested in the Running Start program should visit the community college websites and make an appointment with their Ballard High School counselor for more information.

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

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

SPECIAL PROGRAMS

PROYECTO SABER - OUR CULTURAL HERITAGE

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

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

Los objetivos de la clase Nuestra Herencia son: los estudiantes se desempeñaran al nivel o mejor, ellos satisfacerán la crítica establecida para pasar todas las clases y que llenaran los requisitos para graduarse.

Estudiantes del grado 9-12 explorarán su cultura a través de una variedad de materias. La clase incluye llevar un diario, arte y proyectos especiales que serán presentados al final de cada semestre. Práctica y maestría de las destrezas esenciales necesarias para la ejecución académica son promovidas a través de ayuda tutorial, intervención y mediación. Cumplimiento de las otras materias constantemente vigilado y es parte de la nota final. Recuperación de créditos es disponible.

Off Campus Vocational Programs

Seattle Public Schools Skills Center

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

Health Science/Medical Assisting – Year 1– Lincoln

The course provides students with a broad survey of core skills needed in the Health Sciences cluster and leads to high demand health and medical careers. The class uses leadership projects, modules, and project-based activities in school and community-based industry settings. Students apply foundation health standards, gain essential skills for healthcare fields, and practice for clinical placements leading to post-secondary completion of an accredited medical assisting program and medical assisting certification.

Required prerequisite- Family Health or Nutrition/Wellness or Human Development or Food Science or Biomedical Science or Sports Medicine or Health Intro
Cross credited- Applied Math 2 or Lab Science
2 semesters, 1.5 credits per semester
Tech Prep college credits- 22 credits

Health Science/Medical Assisting – Year 2– Lincoln

The course provides students with a broad survey of core skills needed in the Health Sciences cluster and leads to high demand health and medical careers. The class uses leadership projects, modules, and project-based activities in school and community-based industry settings. Students apply foundation health standards, gain essential skills for healthcare fields, and practice for clinical placements leading to post-secondary completion of an accredited medical assisting program and medical assisting certification.

Required prerequisite- Health Science/Medical Assisting Year 1
Cross credited- Applied Math 2 or Lab Science
2 semesters, 1.5 credits per semester
Tech Prep college credits-5 credits

Medical Careers/Nursing Assistant – Year 1 – West Seattle

Medical careers are among the fastest growing in our economy. The Skills Center program of study in Health Sciences prepares students for foundation medical skills including: job shadows, externships, on-site hands-on practice and Nurse Assistant certification. Learn and use medical terminology, computer and clinical skills, medical assisting, communications, business application and law & ethics. Students complete a practicum and earn certification in NAC.

Required Prerequisite - Family Health or Nutrition/Wellness or Human Development or Food Science or Biomedical Science or Sports Medicine or Health Intro
Cross credited- Applied Math 2 or Lab Science
2 semesters, 1.5 credits per semester

Medical Careers/Nursing Assistant – Year 2 – West Seattle

This advanced level medical careers programs takes students to the next level. Students participate in externships weekly exposing them to the daily workings of a medical office in a variety of locations. Students are provided extended learning in broad medical subjects and careers.

Required Prerequisite – Medical Careers/Nursing Assisting Year 1
Cross credited- Applied Math 2 or Lab Science
2 semesters, 1.5 credits per semester

Culinary Arts , Year 1– Rainier Beach

The class is a lab based study of culinary and chef training and food production skills. It introduces students to the growing fields of Hospitality/Tourism, Culinary, and Food and Beverage. Through a lab-based study of cooking techniques and related culinary arts, students explore topics that include instruction in food preparation, recipe and menu planning, supervised training as the kitchen assistants, management of food supplies and kitchen resources, aesthetics of food presentation and design, introduction to hospitality industry, sanitation and safety, applicable regulations, equipment operation and maintenance, and principles of food service management. The course requires participation and worksite experience both in school and community settings.

Required prerequisite- Family Health or Nutrition/Wellness or Human Development or Food Science or Pro Start 1A & 1B or Culinary Intro
2 semesters, 1.5 credits per semester

Culinary Arts , Year 2– Rainier Beach

Advanced culinary arts program designed to create a more in-depth culinary experience including internship and advanced culinary skills.

Required prerequisite- Culinary Arts Year 1
2 semesters, 1.5 credits per semester

Aerospace Science, Year 1 – Rainier Beach

Seattle is home to the world's greatest aircraft company and many of its supporting industries. Launch your career by learning how to build, service, and modify aircraft and aircraft components. Learn safety, tool identification & proper use, fastener installation, aluminum & titanium metal drilling, the use of composite materials in aircraft manufacturing industry, and gain industry experience and college credit.

Recommended prerequisite- Wood, Auto, PLTW
Cross credited- 3rd Year Math (Applied Math 2, 3 or 4)
2 semesters, 1.5 credits per semester

Aerospace Science, Year 2 – Rainier Beach

Aerospace Science will continue to focus on safety, tool usage and installation. Students will be introduced to welding, brazing, mill and lathe work. The class will provide students with basic knowledge that would assist them in qualifying for entry level manufacturing aircraft mechanic training programs offered from local aircraft manufacturing industries and community/technical colleges. Limited internships may be available.

Required prerequisite- Skills Center Aerospace Science, Year 1

Cross credited- 3rd Year Math (Applied Math 2, 3 or 4)

2 semesters, 1.5 credits per semester

Fire Science – Year 1 - Franklin

In this program, students will prepare for careers as firefighters or in those closely-related occupations that require specialized training as a firefighter. Students will learn the academic responsibility of being a firefighter as well as the use of safety equipment through a variety of hands-on activities. Many of the fire service workplace requirements are incorporated into the classroom environment. As cadets, students will learn leadership skills (preside, guide or manage self and others). They will also apply leadership skills in the real-world, family, community business and industry.

Recommended prerequisite- None

2 semesters, 1.5 credits per semester

Fire Science – Year 2- Franklin

In this program, students will prepare for careers as firefighters or in those closely-related occupations that require specialized training as a firefighter. Students will learn the academic responsibility of being a firefighter as well as the use of safety equipment through a variety of hands-on activities. Many of the fire service workplace requirements are incorporated into the classroom environment. As cadets, students will learn leadership skills (preside, guide or manage self and others). They will also apply leadership skills in the real-world, family, community business and industry.

Recommended prerequisite- Fire Science Year 1

2 semesters, 1.5 credits per semester

Microsoft Technology Associate (MTA) - Ingraham

This is the first step in the Microsoft Technology Certification Series. MTA is a recommended pre-requisite to MCTS (Microsoft Certified Technology Specialist) exams. One certification is earned for each exam passed. IT Pro, Developer, and Data Base are the three certification areas and students will start with networking fundamentals and software development fundamentals first semester. Second semester will include Windows Development Fundamentals and Web Development Fundamentals.

Recommended prerequisite- Computer Applications or Exploring Computer Science

Cross credited- 3rd Year Math (Applied Math 2, 3, or 4)

2 semesters, 1.5 credits per semester

CISCO- Year 1 – Rainier Beach

CCNA Exploration – curriculum teaches networking based on technology, covering protocols and theory at deeper levels reflective of university practices. Students enhance their knowledge of routing, switching, and advanced technologies to prepare for the CCNA certification and careers in Information and Communications Technology (ICT).

IT Culminating Activities – Preparation for CCNA exam and introduces CCNP which are advanced skills required to manage end-to-end converged network infrastructures

Required prerequisite- None

Cross credited- 3rd Year Math (Applied Math 2, 3, or 4)

2 semesters, 1.5 credits per semester

CISCO- Year 2 – Rainier Beach

CCNA Exploration – curriculum teaches networking based on technology, covering protocols and theory at deeper levels reflective of university practices. Students enhance their knowledge of routing, switching, and advanced technologies to prepare for the CCNA certification and careers in Information and Communications Technology (ICT).

IT Culminating Activities – Preparation for CCNA exam and introduces CCNP which are advanced skills required to manage end-to-end converged network infrastructures

Required prerequisite- Skills Center CISCO Info Tech Year 1

Cross credited- 3rd Year Math (Applied Math 2, 3, or 4)

2 semesters, 1.5 credits per semester

Digital Animation, Year 1 – Seattle Armory

Create animation and games! The Academy of Interactive Entertainment (AIE) is a leading educator for Computer Game Development and 3D digital media. This college is a star of 3D animation, game design, and visual FX. Courses are taught at AIE in professional production studios, so it's great preparation for college and career. Learn sketching and storyboarding in 2D animation and concepts of 3D, learn skills necessary for a career in animation and gaming.

Required prerequisite- Fine Art Course OR Portfolio
Cross credited- Fine Arts
2 semesters, 1.5 credits per semester

Digital Animation, Year 2 – Seattle Armory

This course is an advanced level of the first year digital animation program. Students work on independent projects advancing their knowledge and skills in animation and gaming. Students may develop graphic novels as well as interactive games and animation series.

Required prerequisite- Skills Center Digital Animation/Gaming Year 1
Cross credited- Fine Arts
2 semesters, 1.5 credits per semester

Maritime Science and Technology, Year 1 – Ballard High School

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

Required prerequisite- None
Cross credited- 3rd Year Math (Applied Math 2, 3, or 4)
2 semesters, 1.5 credits per semester

Multi-Media Broadcasting, Year 1 – Nathan Hale High School

Multimedia broadcasting provides students with a hands-on experience in a working radio facility. Students learn the ins' and outs' of the multimedia industry, including web design, podcasting, blogging, and communications using industry expectations and standards. Go beyond playing music, learn the history of the industry as well as the future of multimedia broadcasting.

Required prerequisite- None
Cross credited- Fine Arts
2 semesters, 1.5 credits per semester

Automotive Technology, Year 1 – Washington Middle School

Interested in a hands-on class that requires critical thinking as well as an interest in the auto industry? Gain a solid foundation in automotive technology and the skills for gainful employment. You will learn about brake systems, maintenance, and other systems that function within a vehicle. Gain certification that meets industry needs.

Required prerequisite- None
2 semesters, 1.5 credits per semester
Tech Prep College credits-3

City Campus courses for 2014-2015

Requirements: Students must be at least 16 years of age
School counselor and parent/guardian approval

AUTOBODY COLLISION TECHNOLOGY- South Seattle Community College

This introductory automotive collision repair course covers instruction in safety, hazardous materials, welding (oxyacetylene, MIG), tools, unibody construction, metal straightening, and principles of refinishing.

2 semesters, 1.5 credits per semester College credits- 16 credits at South Seattle Community College (1st of 7 quarters required for completion of SSCC program)

C-WEST (Career Workplace Exploration in Skilled Trades)- Rainier Beach H.S.

C-West provides experience in the skilled trades through classroom learning and paid internships. Skilled trades include crafts such as carpentry, plumbing, auto mechanics, electrical work and more. Students will earn money as they intern under the supervision of a journey-level mentor. Internship sponsors include City of Seattle, King County, King County Dept. of Transportation, Painters and Allied Trades, and Port of Seattle. After high school, C-WEST students have the opportunity to possible direct entry into an apprenticeship.

1 Semester, 1.0 credit per semester

Exploratory Internship Program (XIP)

XIP classes are open to students with IEP's. Landscape students remain together for the day and work on projects throughout the district. Career Choices students report to their internship sites four days of the week and meet as a class one day a week.

XIP Landscaping, Ingraham H.S.

Students visit parks, P Patches and other sites to learn gardening, pruning, landscaping. They visit nurseries learn to use and maintain tools used by professional landscapers. They also learn about costs related to landscaping and plant selection.

1 semester, meets all day, 3.0 credit per semester

Career Choices, John Stanford Center & businesses in Seattle

Students intern in a variety of departments at JSCEE such as customer service, facilities, professional development, mail room, work management, payroll, and deli services. Placements in the community include Hearthstone Retirement, Washington Talking Book, Braille Library as laundry assistant or kitchen helper, and Seattle Public Library.

1 semester, 1.5 credits per semester

Ballard High School Graduation Requirements –Credit Checklist for the Class of 2017 and 2018

Please note: State testing requirements may be changing. This reflects the current testing requirements.

High School Courses Required	Completed .50 credit per course	Minimum for college* CADR (College Academic Distribution Requirements)	Additional High School Requirements	Comp	
Occupational Ed			Service Learning Beginning with the class of 2017, students may fulfill up to 15 hours of their service learning graduation requirement during the summer between 8 th and 9 th grade as long as it meets the criteria set by the school. See BHS website for criteria.		
Occupational Ed					
Occupational Ed					
Fine Art		1 credit			
Fine Art		<i>Note: UC system requires 1.0 in a single medium.</i>			
Health			High School and Beyond Plan		
Intro to Lit & Comp 9A		4 credits	Math through Algebra 2B		
Intro to Lit & Comp 9B			Fitness Proficiency Assessment		
World Lit & Comp 10A			Cumulative GPA of 2.0		
World Lit & Comp 10B			Core GPA of 2.0 (Core classes are LA, Math, Science and Social Studies.)		
Am Lit & Comp 11A			**STATE EXAM REQUIREMENTS** Reading Test See Transcript for met/not met <input type="checkbox"/> Writing Test See Transcript for met/not met <input type="checkbox"/> Math End of Course Exam (EOC) in Algebra OR Geometry See Transcript for met/not met <input type="checkbox"/> Science End of Course Exam (EOC) Biology <input type="checkbox"/>		
Am Lit & Comp 11B					
Comparative Lit/Comp 12A					
Comparative Lit/Comp 12B					
Math – Alg 1A or higher		3 credits plus Senior Year	5 credits earned = Grade 10 10 credits earned = Grade 11 15 credits earned = Grade 12		
Math – Alg 1B or higher					
Math – Geom 1A or higher				3 years required through Algebra 2B plus one additional year of math-based quantitative course the senior year.	
Math – Geom 1B or higher					
Math – Alg 2A or higher					
Math – Alg 2B or higher					
PE					
PE					
PE					
Science		2 credits of laboratory-based science are required. One credit must be in an algebra-based lab science course (as determined by the school district). The other credit must be in biology, chemistry or physics (this course may also meet the algebra-based requirement).	Note: WWU further specifies that one of the years of science credit earned must be chemistry, physics or algebra-based Principles of Technology.		
Science					
Science					
Science					
WA St History (grade 8)		3 credits			
WH 1					
WH 2					
WH 3					
US 11A					
US 11B					
American Gov					
Electives 4.5 credits (need 9 semesters of electives)		2-3 years of one world language			
		*Courses listed are in addition to those required for graduation and meet minimum core course requirements for admission to a 4-year public college or university in Washington state. Students are encouraged to exceed these minimum requirements to be competitive in the admissions process. Many colleges may require additional courses. Students should contact each college of interest for specific admission requirements.			
21 credits total required for graduation		NCAA athletes: Make sure that you are choosing courses approved by NCAA Eligibility Center. To check which Ballard courses are approved, go to www.eligibilitycenter.org .			

Ballard High School Graduation Requirements – Credit Checklist for the Class of 2015 & 2016

High School Courses Required	Completed .50 credit per course	<u>Minimum for college*</u> CADR (College Academic Distribution Requirements)	Additional High School Requirements	Comp
Occupational Ed			Service Learning <i>60 hours beginning September of 9th grade year</i>	
Occupational Ed				
Occupational Ed				
Fine Art		1 credit <i>Note: UC system requires 1.0 in a single medium.</i>	Culminating Project	
Fine Art				
Health			High School and Beyond Plan	
Intro to Lit & Comp 9A		4 credits	Math through Algebra 2B	
Intro to Lit & Comp 9B			Fitness Proficiency Assessment	
World Lit & Comp 10A			Cumulative GPA of 2.0	
World Lit & Comp 10B			Core GPA of 2.0 (Core classes are LA, Math, Science and Social Studies.)	
Am Lit & Comp 11A				
Am Lit & Comp 11B				
Comparative Lit/Comp 12A				
Comparative Lit/Comp 12B				
Math – Alg1A or higher		3 credits plus Senior Year 3 years required through Algebra 2B plus one additional year of math-based quantitative course the senior year.	STATE EXAM REQUIREMENTS	
Math – Alg1B or higher			Reading Test <i>See Transcript for met/not met</i>	
Math – Geom1A or higher			Writing Test <i>See Transcript for met/not met</i>	
Math – Geom1B or higher			Math End of Course Exam (EOC) Algebra OR Geometry <i>See Transcript for met/not met</i>	
Math – Alg 2A or higher			Science <i>End of Course Exam (EOC)</i> <i>Biology</i>	
Math – Alg 2B or higher				
PE			5 credits earned = Grade 10	
PE			10 credits earned = Grade 11	
PE			15 credits earned = Grade 12	
Science		2 credits of laboratory-based science are required. One credit must be in an algebra-based lab science course (as determined by the school district). The other credit must be in biology, chemistry or physics (this course may also meet the algebra-based requirement).	Note: WWU further specifies that one of the years of science credit earned must be chemistry, physics or algebra-based Principles of Technology.	
Science				
Science				
Science				
WA St History (grade 8)		3 credits		
WH 1				
WH 2				
WH 3				
US 11A				
US 11B				
American Gov				
Electives 4.5 credits (need 9 semesters of electives)		2-3 years of one world language *Courses listed are in addition to those required for graduation and meet minimum core course requirements for admission to a 4-year public college or university in Washington state. Students are encouraged to exceed these minimum requirements to be competitive in the admissions process. Many colleges may require additional courses. Students should contact each college of interest for specific admission requirements.		
21 credits total required for graduation		NCAA athletes: Make sure that you are choosing courses approved by NCAA Eligibility Center. To check which Ballard courses are approved, go to www.eligibilitycenter.org .		

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 Academy, and Project Lead-the-Way Pathway.** These programs offer a specific career/academic focus and may also offer internship and job shadowing opportunities. Students are grouped together in a variety of classes during their high school years. Applications are available on the Ballard High School website www.ballardhs.seattleschools.org or in the Ballard High School Counseling Center and from teachers in that subject area. Details on each Academy follow. The application deadline for all academies and pathways for students currently in grades 9 – 11 is MARCH 18, 2014. However, students who miss the deadline are still encouraged to apply as space may become available. The application deadline for students currently in grade 8 may be found on the Yearlong Registration Form and the letter mailed to students in the spring with registration materials.

ACADEMY OF FINANCE

Academy of Finance – Member of the National Academy Foundation – <http://www.naf.org> Classroom instruction is integrated with workplace experience between Junior and Senior year, an introduction to all facets of the financial services industry, exposure to current technology, and the opportunity to earn college credit while in high school. Students are involved in a stock exchange trip to New York City to visit another Academy of Finance class and other New York City financial services. Students should take at least one of the prerequisites: Accounting, Entrepreneurship, Marketing or Sports Marketing. Any exceptions must have department approval.

How to Apply

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

Sequence of Courses

Grade 10	Grade 11	Grade 12
Take prerequisite (s) referred to above	Principles of Finance/ Business Economics	Business in a Global Economy/ Ethics in Business

Tenth grade classes are required for an internship but can be outside the cohort and 11th and 12th grade classes are in the Academy. Descriptions of prerequisites are listed in the Business Ed. section and are open to non-Academy students as well. Complete course descriptions for Academy of Finance courses are listed in the Business Ed. section.

HCT1253 PRINCIPLES OF FINANCE

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

This is the first course students take in the Academy of Finance and introduces students to the financial world.

HCT1254 BUSINESS ECONOMICS

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

Business Economics introduces students to the key concepts of economics as they pertain to business.

HCT1255 BUSINESS IN A GLOBAL ECONOMY

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

Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries.

HCT1256 ETHICS IN BUSINESS

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

This course introduces the importance of ethics in business.

BIOTECHNOLOGY CAREER ACADEMY

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

Integrated Curriculum Includes Science, Mathematics, and Language Arts

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

Entering the Program

Students may enter the 3-year program at the beginning of their freshman or sophomore years. Students entering the program must qualify for Geometry (have completed Algebra 1). There is an application process for all students, which for ninth graders includes assignment to BHS. Application deadline for current eighth grade students: Please refer to the Yearlong Registration Form and letter mailed to students in the spring with registration materials. Current ninth grade students: Application deadline is March 18, 2014. Applications are available on the Ballard High School website www.ballardhs.seattleschools.org or in the Ballard High School Counseling Center and must be returned by the posted deadlines. Any freshman wishing to enter the program his/her sophomore year is strongly encouraged to contact one of the Biotechnology Academy faculty:

Science: Ms. Penny Pagels pepagels@seattleschools.org and Dr. Dewey Moody demoody@seattleschools.org

Language Arts: Mr. Joe Kelly jkelly@seattleschools.org Math: Ms. Debbie Bower drbower@seattleschools.org

Academic Support

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

Culminating EXPO Project and Internships

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

Biotechnology Career Academy Integrated Course Requirements

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Option A Begin program in 9 th grade	* Biology	* Chemistry	* Genetics	Open
Note: Option A students may choose different courses their senior year.	* Geometry (minimum)	* Algebra 2 (minimum)	Open	Open
	* Intro to World Lit & Comp 9	* World Lit & Comp 10	* AP LA 11 (BTG)	Advanced Placement Literature or LA 12
Option B Begin program in 10 th grade		* Biology	* Chemistry	* Genetics
		* Geometry (minimum)	* Algebra 2 (minimum)	Open Math or Statistics
		* World Lit & Comp 10	* American Lit & Comp	*Advanced Placement Literature or CIHS

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

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

HLA3093/HLA3095

INTRODUCTION TO LIT AND COMP 9A and 9B – BIOTECH

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

Prerequisite: Biotech Academy membership and freshman standing

Introduction to Literature and Composition is a yearlong course that concentrates on guided and critical reading of texts from different genres that reflect themes of identity and self-discovery and where the focus of composition is developing clear and purposeful writing. In the spring, a major unit focuses on creating real-world solutions for environmental issues around the production and

consumption of energy. Selected Academy teams will travel to WSU in May to represent Ballard at the Imagine Tomorrow competition (imagine.wsu.edu for more information).

HLA3097/HLA3099

WORLD LIT AND COMP 10A and 10B – BIOTECH

Length/Credit:

Yearlong course/ .5 credit each semester

Prerequisite:

Biotech Academy membership and sophomore standing

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

HLA3101/HLA3103

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

HLA2492/HLA2493

AP ENGLISH LANGUAGE & COMPOSITION – BIOTECH (GENETICS)

Length/Credit:

Yearlong course/ .5 credit each semester

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

HMA2369/HMA2370

GEOMETRY A/B - BIOTECH

Length/Credit:

Yearlong course/ .5 credit each semester

Prerequisite:

Biotech Academy membership

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

HMA2373/HMA2374

ALGEBRA 2A/2B BIOTECH

Length/Credit:

Yearlong course/ .5 credit each semester

Prerequisite:

Biotech Academy membership

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

HCT1980/HCT1981

BIOLOGY 1/2 – BIOTECH

Length/Credit:

Yearlong course/ .5 credit each semester

Prerequisite:

Acceptance into Biotech Academy

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

HCT2255/HCT2256

CHEMISTRY 1/2 – BIOTECH

Length/Credit:

Yearlong course/ .5 credit each semester

Prerequisite:

Biotech Biology 1/2 and Geometry

This course is the science component of the second year of the Biotechnology Career Academy. It will cover the same material as Course #406. In addition, the students will be expected to present a science-based topic in professional poster format to external judges.

HCT1982/HCT1983

GENETICS 1/2 – BIOTECH

Length/Credit:

Yearlong course/ .5 credit each semester

Prerequisite:

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

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

Digital Filmmaking Pathway

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

How to Apply

Although students can take digital filmmaking classes any year, those considering higher education or career options in a media related field are encouraged to enter the pathway no later than their sophomore year. This will provide two years for portfolio development prior to their college application process. The intensive, yearlong intro class (Digital Filmmaking) is recommended for these students during their freshmen or sophomore year. Applications can be obtained on the Ballard High School website www.ballardhs.seattleschools.org or from the Digital Filmmaking Program or in the Ballard High School Counseling Center. No application is necessary for the one semester intro option (Media Issues & TV Production).

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.

Any BHS student can enter the program by enrolling in Video 1 (Media Issues & TV Production), a one-semester class with emphasis on media literacy and film-style production. (This semester course will be offered depending on enrollment.) Freshmen and sophomores interested in pursuing film or television are encouraged to select the yearlong version of this class that includes visual storytelling (Digital Filmmaking). Students earning a "C" or above in either version of Video 1 are eligible to apply for Video 2 (Intermediate Digital Filmmaking) the following year. Successful completion of Video 2 allows students to apply for Video 3 (Advanced Digital Filmmaking). Each class introduces new types of production. Video 4 students research an area of special interest and expand their related portfolio.

Entry Level Courses

CFA5633 VIDEO 1 - MEDIA ISSUES AND TELEVISION PRODUCTION (availability depends on enrollment)

Length/Credit: one semester/ .5 credit

Prerequisite: none

Take advantage of television before it takes advantage of you! Increase your understanding of media messages as you learn the basic technical and aesthetic elements of film and television production. This entry-level class requires analysis and production of news, commercials, and introduces the basic theoretical concepts of visual storytelling. Each student will develop a digital portfolio with work in both genres. Class projects will be shown at school screenings, televised on cable channels, and entered in film and video festivals.

CFA5633 VIDEO 1 - DIGITAL FILMMAKING

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

Prerequisite: application required

This intensive, two-semester intro class gives students a running start on portfolio development and is the best preparation for the advanced classes. Increase your understanding of media messages as you learn the basic technical and aesthetic elements of film and television production. This class requires written analysis and production of news and commercials. In addition, students study story construction, learn visual storytelling techniques, and produce short narrative films. Students will develop portfolios with work in each of these genres. The finished productions will be shown at school screenings, televised on cable channels, and entered in film and video festivals.

Advanced Courses

CFA5634 VIDEO 2 - INTERMEDIATE DIGITAL FILMMAKING

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

Prerequisite: C or above in Video 1 and application required

Increase your media production and analysis skills as you complete a variety of film-style projects in this intermediate class. Working in groups, students will demonstrate "industry standard" level competency in the following major categories: film and video aesthetics, project documentation, script development, sound, camera work, lighting, editing and work ethic in addition to criticism

and analysis. Each student will develop a digital portfolio with work in a variety of genres, including client-based advertising and short digital films. Productions will be shown at school screenings, televised on cable channels, and entered in film and video festivals.

CFA5635 VIDEO 3 – ADVANCED DIGITAL FILMMAKING

Length/Credit: yearlong course/ .5 credit each semester
 Prerequisite: C or above in Video 2 and application required

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

CFA5636 VIDEO 4 – ADVANCED PRODUCTION SKILLS

Length/Credit: yearlong course/ .5 credit each semester
 Prerequisite: C or above in Video 2 and application required

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

MARITIME ACADEMY

In the Maritime Academy, students will experience a curriculum that integrates maritime industries and skills, history, and science. Maritime-focused electives and internship opportunities are available to students in their junior and senior years. This academy focuses on interdisciplinary study, hands-on learning, practical experience, and the opportunity to perform research. Students will take three occupational education courses that will present them with many hands-on experiences to illustrate connections between social studies and science in the real world of the maritime industries and sciences.

How to Apply

Students may enter the program during their sophomore year. Students entering the program must pass the application process. Applications will be available on the Ballard High School website www.ballardhs.seattleschools.org or through the Ballard High School Counseling Center. Application deadline is March 18, 2014.

Academic Support

The faculty of the Maritime Academy is committed to the success of each and every student at BHS, and especially students in the Academy. Academic support will be provided to any student in the program whose grade falls to a C or below in any of their courses. Peer-to-peer tutoring as well as any additional teacher-directed study, support materials, or guidance will be given to students in need. These services will also be available to other students taking a marine transportation course outside of the academy model, as well as students interested in entering the program in the future.

Internships and Mentorship

In addition to taking integrated academic courses, and the annual adventures, students will qualify for a mentorship and internship with participating community businesses and organizations. The mentorship program will begin during students’ junior year and continue into a paid summer internship in between their junior and senior years.

Maritime Academy Integrated Course Requirements

Complete course descriptions can be found in the appropriate department section (Maritime Survey and Maritime Skills are in the Technical Ed. Section)

10 th Grade	11 th Grade	12 th Grade
Biology (Maritime) I & II	US History I & II (Maritime)	OUPV (Offered 2 nd semester)
Maritime Survey (Offered 1 st semester)	Maritime Skills (Full year)	Oceanography

HCT1621 **MARITIME SURVEY**
 Length/credit: 1st semester/ .5 credit
 Prerequisite: Occ. Ed. Credit/10th Grade
 Other: Offered 1st semester only

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

HCT1622/HCT1623 **MARITIME SKILLS**
 Length/credit: Yearlong course/1.0 Occ. Ed. credit
 Prerequisite: 11th grade standing, enrolled in the Maritime Academy and instructor's permission

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

HSC1258/HSC1259 **BIOLOGY I AND II - MARITIME**
 Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisite: Tenth grade standing and enrolled in the Maritime Academy

Special focus is placed on including the local marine environment, and integration with the other 10th grade Maritime courses.

HSS5856/HSS5857 **UNITED STATES HISTORY 11A/B - MARITIME**
 Length/Credit Yearlong course/ .5 credit each semester
 Prerequisite: 11th grade standing

HCT1624 **OPERATOR OF UNINSPECTED PASSENGER VESSEL (OUPV)**
 Length/Credit: 2nd semester only/ .5 Occ. Ed. Credit
 Prerequisite: Completion of Maritime 2/3, 12th grade standing

This course is a Coast Guard-certified course leading to an Operator of Uninspected Passenger Vessel (six-pack or charter) license. This license allows the holder to operate uninspected vessels with six passengers or less for hire.

HCT4553/HCT4554 **OCEANOGRAPHY (CIHS)**
 Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisite: 11th or 12th grade standing, passing grade in Biology 1/2 or instructor permission

This course is a study of the world oceans that includes geology, physics, chemistry and marine biology. Special focus is placed on the local marine environment including field trips to local beaches where scientific identification of fauna is mandatory. **University of Washington credit available for an additional fee.**

Project Lead-the-Way Pathway

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

How to Apply

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

Grades 9 - 12 Introduction to Engineering Design 1/2	Grades 10 - 12 Principles of Engineering 1/2	Grades 10 - 12 Computer Integrated Manufacturing 1/2	Grade 12 Engineering Design & Development
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Pathway Course Descriptions

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

HCT1574/HCT2313 **INTRODUCTION TO ENGINEERING DESIGN 1/2**
 Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisites: Must have passed or be currently enrolled in Algebra 1 A/B
 Grades: 9, 10, 11, 12
 Other: Open to non-Pathway students on space available basis

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

HCT1576/HCT2311**PRINCIPLES OF ENGINEERING 1/2**

Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisite: Introduction to Engineering Design
 Grades: 10, 11, 12

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

HCT1577/HCT2316**COMPUTER INTEGRATED MANUFACTURING 1/2**

Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisite: Introduction to Engineering Design
 Grades: 10, 11, 12

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

HCT1578/HCT2314**ENGINEERING DESIGN AND DEVELOPMENT**

Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisite: Introduction to Engineering Design and two other Project Lead-the-Way courses
 Grade: 12

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

DEPARTMENTS

ART DEPARTMENT

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

2-D VISUAL ARTS ELECTIVES

HFA5955**DRAWING & PAINTING**

Fee: \$15.00 per semester

Length/Credit: 1 Semester/ .5 Fine Arts Credit
 Prerequisite: None

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

HFA5956**DRAWING & PAINTING ADVANCED**

Fee: \$15.00 per semester

Length/Credit: 1 Semester/ .5 Fine Arts Credit
 Prerequisite: Drawing & Painting 1

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

HFA5952**ART SURVEY**

Fee: \$15.00 per semester

Length/Credit: 1 semester/ .5 Fine Arts Credit
 Prerequisite: None

For Art Survey, students survey a broad range of art concepts, techniques and media. Projects may include but are not limited to printmaking with linoleum blocks and Xerox transfers, constructing 3-dimensional chipboard logos, bracelet design with recycled tire inner tubes, as well as more conventional drawing and painting. Study of the elements and principles of design are included in the projects to begin establishing fluency in the language of art. No previous art experience necessary.

HFA5949**AP STUDIO ART DRAWING**

Fee: \$15.00 per semester

Length/Credit: Yearlong/ .5 Fine Arts Credit each semester
 Prerequisite: Beginning and Advanced Drawing and Painting with a minimum B grade or teacher permission
 Other: Open to 11th and 12th graders
 Teacher Permission Required

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

CFA3117 PHOTO FOUNDATIONS Fee: \$50.00 per semester
 Length/Credit: 1 semester/ .5 Fine Arts Credit or Occupational Ed Camera Rental: \$10.00
 Prerequisite: Open to grades 10-12

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

CFA3119 PHOTO ADVANCED Fee: \$50.00 per semester
 Length/Credit: 1 semester/ .5 Fine Arts Credit or Occupational Ed Camera Rental: \$10.00
 Prerequisite: Photo Foundations with a minimum B grade – open to all grades.

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

CCT5951 AP PHOTOGRAPHY Fee: \$50.00 per semester
 Length/Credit: Yearlong/ .5 Fine Arts Credit or Occupational Ed each semester Camera Rental: \$10.00
 Prerequisite: Beginning and Advanced Photography with a minimum B grade
 Other: Open to 11th and 12th graders
 Teacher Permission Required

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

Digital Filmmaking/Video Production Entry Level Courses

CFA5633 VIDEO 1 - MEDIA ISSUES AND TELEVISION PRODUCTION
 (See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

CFA5633 VIDEO 1 - DIGITAL FILMMAKING
 (See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

Digital Filmmaking/Video Production Advanced Courses

CFA5634 VIDEO 2 - INTERMEDIATE DIGITAL FILMMAKING
 (See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

CFA5635 VIDEO 3 – ADVANCED DIGITAL FILMMAKING
 (See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

CFA5636 VIDEO 4 – ADVANCED PRODUCTION SKILLS
 (See course descriptions under Digital Filmmaking Pathway and in the Technical Education Department section.)

3-D VISUAL ARTS ELECTIVES

HFA5953 CERAMICS Fee: \$15.00 per semester
 Length/Credit: 1 semester/ .5 Fine Arts Credit
 Other: Open to Grades 10-12
 Prerequisite: None

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

HFA5954 ADVANCED CERAMICS Fee: \$15.00 per semester
 Length/Credit: 1 semester/ .5 Fine Arts Credit
 Prerequisite: Ceramics with a B grade or better

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

COMPUTER AND INFORMATION TECHNOLOGY CLASSES

HCT0577 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.

HCT2447 INTRO TO COMPUTER SCIENCE

Length/Credit: 1 semester/ .5 credit –

Prerequisite: Completed Algebra 1

Other: Open to Grades 9 – 12

Introduction to Computer Science will develop the computer science skills of algorithm development, problem solving, and programming. The course is designed for students curious about computing careers. Students will be introduced to topics such as interface design, limits of computers and societal and ethical issues of software engineering. This course will emphasize a project-based integrated format of lessons that emphasize a way of problem solving and thinking as a computer scientist.

HCT0575/HCT0576 AP COMPUTER SCIENCE A1/A2

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Intro to Computer Science (unless pre-approved by instructor), Algebra 2

Other: Open to Grades 10 – 12

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. Course can be used as a 4th year Science or Math Credit.

HCT3227/HCT3228 AP MACRO ECONOMICS

Length/Credit: Yearlong/ .5 credit each semester

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

Other: Open to Grades 11th or 12th

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

BUSINESS AND MARKETING CLASSES

HCT4061 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.

HCT4062 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.

HCT4063 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.

HCT1335**MARKETING 1**

Length/Credit: 1 semester/ .5 credit –

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. As well students will develop competency in the foundations of Marketing, Economics, Communication and Interpersonal Skills, Professional Development, and Business Management and Entrepreneurship. Students have the opportunity to apply skills in the Student Based Enterprise, the Ballard student store, and extend their learning through participation in DECA, the Association of Marketing Students.

HCT1336**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 management of the Student Based Enterprise at Ballard (the student store), 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 10-12

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.

HCT2293**SPORTS 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. Students will be involved in the DECA student organization and have the opportunity to participate in DECA events. Instructional strategies will include a computer driven management simulation, where the students experience running a football franchise.

HCT5701/HCT5702**FINANCIAL ALGEBRA**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1 and Geometry

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

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

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.

ACADEMY OF FINANCE

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. They study income and wealth; examine financial institutions; learn how businesses raise capital; and study key investment-related terms and concepts 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.

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.

ENGLISH LANGUAGE ARTS DEPARTMENT

All ELA instruction in reading, writing, speaking and listening is anchored in the Common Core State Standards. The standards can be viewed at:

https://www.k12.wa.us/CoreStandards/ELAstandards/pubdocs/CCSSI_ELA_Standards.pdf#3

HLA3093/HLA3095

INTRODUCTION TO LITERATURE & COMPOSITION 9A and 9B

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

Prerequisite: Freshman standing

Other: This course is required for 9th graders

Introduction to Literature and Composition is a yearlong course that concentrates on guided and critical reading of texts from different genres that reflect themes of identity and self-discovery and where the focus of composition is developing clear and purposeful writing. Major texts may include *The Odyssey*, *Romeo and Juliet*, *Night*, *A Raisin in the Sun*, *This Boy's Life*, *American Born Chinese*, and *Monster*. The writing emphasis is on narrative and expository writing, with a sustained introduction to argumentative writing.

HLA3094/HLA3096

INTRODUCTION TO LITERATURE & COMPOSITION 9A and 9B HONORS

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

Prerequisite: Freshman standing

Honors 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 on developing clear and purposeful writing. This honors course is marked by an expectation for a greater degree of student participation, involvement in discussion, and overall academic leadership. Major texts include *The Odyssey*, *Romeo & Juliet*, *A Raisin in the Sun* – along with novels and readings specific to the Honors curriculum.

HLA3093/HLA3095 INTRODUCTION TO LITERATURE & COMPOSITION 9A and 9B - BIOTECH
Length/Credit: Yearlong course/ .5 credit each semester
Prerequisite: Biotech Academy membership and freshman standing
In the spring, a major unit focuses on creating real-world solutions for environmental issues around the production and consumption of energy. Selected Academy teams will travel to WSU in May to represent Ballard at the Imagine Tomorrow competition (imagine.wsu.edu for more information).

HLA3097/HLA3099 WORLD LITERATURE & COMPOSITION 10A and 10B
Length/Credit: Yearlong Course/ .5 Language Arts credit each semester
Prerequisite: Sophomore standing
Other: This course is required for 10th graders
World Literature and Composition is a yearlong course where students read international texts, including four selections from the Seattle Public Schools 10th grade reading list and additional supplemental works including poetry, short stories and nonfiction. The course concentrates on critically reading how the human experience is expressed in literature from around the world. The course prepares students to understand fundamental notions of world or non-western literature reflected in a range of texts and genres. Major texts include *Burial at Thebes* (Antigone in trans.), *Brave New World*, *Haroun and the Sea of Stories*, and *Persepolis*. Writing instruction continues to focus on the expository mode, with an increasing emphasis on argumentative writing particularly as it relates to literary analysis.

HLA3098/HLA3100 WORLD LITERATURE & COMPOSITION 10A and 10B HONORS
Length/Credit: Yearlong Course/ .5 Language Arts credit each semester
Prerequisite: Sophomore standing
Honors World Literature and Composition is a yearlong course where students read international texts, including four selections from the Seattle Public Schools 10th grade reading list and additional supplemental works including poetry, short stories and nonfiction. The course concentrates on critically reading how the human experience is expressed in literature from around the world. Students read a variety of complex texts moving to deeper levels of critical thinking in analyzing themes and meaning in literature. This honors course is marked by an expectation of a greater degree of student participation and involvement in the life of the class.

HLA3097/HLA3099 BTB WORLD LITERATURE & COMPOSITION 10A and 10B (See course description in the Academy section)
HLA3097/HLA3099 BTC WORLD LITERATURE & COMPOSITION 10A and 10B (See course description in the Academy section)

HLA3101/HLA3103 AMERICAN LITERATURE & COMPOSITION 11A and 11B
Length/Credit: Yearlong course/ .5 credit each semester
Prerequisite: Junior standing
Other: This course is required for 11th graders
American Literature and Composition is a yearlong course that concentrates on critically reading different interpretations of the American experience and the American dream, with an emphasis on increased sophistication through reading, writing and speaking. The course prepares students to grapple with the fundamental notions of American identity as it is expressed in a range of texts and genres. Readings, both classical and contemporary, lend themselves to literary analysis, represent a variety of reading levels and cultures, and showcase an assortment of themes. Writing instruction focuses primarily on argumentative writing as it relates to literary analysis.

HLA3492/HLA2493 AP ENGLISH LANGUAGE AND COMPOSITION 11A and 11B
Length/Credit: Yearlong course/ .5 credit each semester
The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing suitable for the college bound student while satisfying the LA 11 requirement.

HLA3101/HLA3103 AMERICAN LITERATURE & COMPOSITION 11A and 11B– BIOTECH (CHEMISTRY)
HLA3492/HLA2493 AP ENGLISH LANGUAGE AND COMPOSITION 11A and 11B – BIOTECH (GENETICS)

HLA3123/HLA3124 COMPARATIVE LITERATURE & COMPOSITION 12A and 12B
Length/Credit: Yearlong course/ .5 credit each semester
Other: Will satisfy fourth year for college entrance
Required for Class of 2015 and beyond
Comparative Literature and Composition is a yearlong course that synthesizes critical reading and writing skills from previous years, focusing on texts that cross a wide range of genres, and embody a high level of thematic and technical complexity. The course prepares students to grapple with the rigors of comparative analysis they will encounter in college. This class has a focus on the representation of self and the individual's identity and power in society. Major texts include *Hamlet*, *The Handmaid's Tale* and *The House of the Spirits*.

HLA2494/HLA2495**AP ENGLISH LITERATURE & COMPOSITION 12**

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

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

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

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

Other: Will satisfy fourth year for college entrance

University of Washington credits available for additional fee **(ENGL 131/Comparative Lit 240)**

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.

CCT0466**JOURNALISTIC WRITING-NEWSPAPER PRODUCTION**

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

Prerequisite: Teacher Permission

Other: This class may be repeated as an elective

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

CCT0467**JOURNALISTIC WRITING - YEARBOOK PRODUCTION**

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

Prerequisite: Teacher Permission

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

ENGLISH LANGUAGE LEARNERS (ELL)**HLA5559/HLA5560****ELD INTRO TO LITERATURE & COMPOSITION 9A/B**

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

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

HLA5567/HLA5568**ELD WORLD LITERATURE & COMPOSITION 10A/B**

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

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

HLA5575/HLA5576 **ELD AMERICAN LITERATURE & COMPOSITION 11A/B**
Length/Credit: Yearlong course/ .5 credit each semester
For ELLs in grades 11-12 at ELD Standards Level Advanced Beginning through Advanced in reading (3.0-9.0 grade equiv.) and writing; course follows ELD LA 10B. It focuses on listening, speaking, reading, writing and grammar.

HLA2154/HLA2166 **ELD COMPARATIVE LITERATURE & COMPOSITION 12A/B**
Length/Credit: Yearlong course/ .5 credit each semester
For ELLs in grades 12 at ELD Standards Level Advanced Beginning through Advanced in reading (3.0-9.0 grade equiv.) and writing; course follows ELD LA 11B. It focuses on listening, speaking, reading, writing and grammar.

HSS2201/HSS2202 **ELD WORLD HISTORY 3 MULTILEVEL**
Length/Credit: 1st semester/ .5 Credit
For 9-12 grade ELLs at ELD Standards Level Advanced and below in reading/writing; at reading 3.0-7.0 grade equiv. Chronological (1800s on) or regional (Europe/Latin America) study of geography, history, culture, politics and economics.

HSS2204/HSS2205 **ELD UNITED STATES HISTORY 11A/B**
Length/Credit: Yearlong course/ .5 credit each semester
Prerequisite: World History 1, 2, and 3
For grade 11-12 ELLs at ELD Standards Level Advanced and below in reading/writing, at reading grade equiv. 3.0-7.0. Focus on pre-colonial period through Civil War to present history, themes like immigration, and academic vocabulary and concepts.

HSS2206 **ELD AMERICAN GOVERNMENT AND ECONOMICS**
Length/Credit: 2nd semester/ .5 Credit
Prerequisite: ELD US History 11B
For grade 12 ELLs at ELD Standards Levels Advanced and below in reading/writing, reading below 8.0 grade equiv. Focus on 3 levels and 3 branches of government, including the Constitution, the US economic system, and civic involvement. The Senior Project will be researched, written, and presented.

HLA2085/HLA7988 **ELD 3A/B ADJUNCT**
Length/Credit: 1 semester/ .5 Credit
For ELLs grades 9-12 at ELD Standards Level Advanced Beginning or above (above 3.0 grade equiv.) who need an additional class to prepare for subsequent ELD or mainstream LA class. Focus on reading, writing and critical thinking.

FAMILY AND CONSUMER SCIENCES EDUCATION

HCT2250 **FOOD SCIENCE 1**
HCT2251 **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 entered at any semester. Each unit includes a scientific approach to the practical application of food preparation. The course exposes students to the many career opportunities in Food Science and technology. Food Science includes safety and sanitation, the scientific method, lab equipment, scientific evaluation of food, basic science for food scientists, leavening agents, and nutrition. Projects include community service activities and the development of leadership skills.

HCT5484 **HUMAN DEVELOPMENT**
Length/Credit 1 semester/ .5 occupational credit
Prerequisite: None—open to all grades
This course explores the human life cycle, conception through adulthood, including pregnancy, parenting, childcare, old age, and diseases. Students will have the opportunity to take home the robotic baby simulator for a first-hand baby care experience. Class instruction will include the Child Care Basics 30-hour curriculum which prepares students to work in a licensed childcare facility. This is a great class for students interested in healthcare, childcare, or psychology.

HCT2430 **CHILD DEVELOPMENT/PARENTING - INTERNSHIP
TEACHING ASSISTANT FOR SPECIAL NEEDS STUDENTS**
Length/Credit 1 semester/ .5 occupational credit, Tech Prep
Prerequisite: Must be 16 years old and have passed Human Development with a "B" or better.
Other: Teacher permission
This class provides students with the opportunity to interact with students at Ballard High School with developmental disabilities or to work in local preschools or daycares and receive .5 occupational education credit per semester. Students will continue studying

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 through the use of traditional team sports such as basketball, flag football, softball, volleyball, and team handball and speedaway. This is a competitive setting.

HPE5524**SWIMMING**

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

The state CBA (Classroom Based Assessment) requirement for fitness will be fulfilled through this course.

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

HPE5528**INDIVIDUAL SPORTS/RACKET SPORTS**

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

The state CBA (Classroom Based Assessment) requirement for fitness will be fulfilled through this course.

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

HPE5530**LIFETIME SPORTS/YOGA**

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

The state CBA (Classroom Based Assessment) requirement for fitness will be fulfilled through this course.

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

MATHEMATICS DEPARTMENT**HMA2365/HMA2366****ALGEBRA 1A/1B**

Length/Credit: Yearlong/ .5 credit each semester
 Prerequisites: Math 8

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

HMA2381/HMA2382**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.

HMA2369/HMA2370**GEOMETRY A/B**

Length/Credit: Yearlong/ .5 credit each semester
 Prerequisite: Algebra 1B

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

HMA2369/HMA2370 **GEOMETRY A/B BIOTECH** (See course description in Academy section)

HMA2371/HMA2372 **GEOMETRY A/B HONORS**

Length/credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1B

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

HMA2373/HMA2374 **ALGEBRA 2A/2B**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Geometry B

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

HMA2373/HMA2374 **ALGEBRA 2A/2B BIOTECH** (See course description in Academy section)

HMA2375/HMA2376 **ALGEBRA 2A/2B HONORS**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Geometry B

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

HCT5701/HCT5702 **FINANCIAL ALGEBRA**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 1 and Geometry

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

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

HMA1921/HMA1924 **PRE-CALCULUS A/B**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 2B

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

HMA1925/HMA1926 **PRE-CALCULUS A/B HONORS**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 2B

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

HMA1927/HMA1928 **CALCULUS A/B**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Pre-calculus B

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

HMA1929/HMA1932 **AP CALCULUS A/B**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Pre-Calculus B

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

HMA1938/HMA1939**AP CALCULUS B/C**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: AP Calculus B or Calculus B

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

HMA1763/HMA1764**PROBABILITY AND STATISTICS A/B**

Length/Credit: Yearlong/ .5 credit each semester

Prerequisite: Algebra 2B

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

HUE9620**MATH PEER TUTOR**

Length/Credit: Semester/ .5 elective credit

Prerequisites: Algebra 2 and Teacher Recommendation

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

PERFORMING ARTS DEPARTMENT**INSTRUMENTAL MUSIC****HFA8250****PIANO**

Length/Credit: Semester course/ .5 Fine Arts

Other: Open to grades 9-12

Students should provide their own headphones to use during class.

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

HFA8248**GIUITAR**

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

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

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

HFA8244**PERCUSSION**

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

Prerequisite: Middle School Band or Audition

Other: Open to grades 9 -12

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

CCT8233**SYMPHONIC BAND**

Length/Credit: Yearlong course/ 1.0 Fine Arts credit

Other: Open to grades 9 -12

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

instruments and necessary equipment to participate in class on a daily basis. Pre-requisite: Successful middle school band experience or permission of the instructor.

HFA8235

ORCHESTRA

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit
Prerequisite: Open to grades 9 - 12

Orchestra is for 9th-12th grade students who play violin, viola, cello and bass. Instruction in Orchestra will aim to give the student intermediate and advanced knowledge in instrument play and ensemble skills, in accordance with the Western Art Tradition. As a vehicle for skill acquisition, students will be introduced to a plethora of music from a variety of cultures and eras, will work with a conductor, and will learn chamber technique and musical leadership. Students will practice appropriate rehearsal skills, and performance etiquette. There will also be a special emphasis placed on the acquisition of "life-long musicianship" skills like singing and music theory concepts and knowledge of musical composition, arranging, and improvisation. By the end of one to two years of study in Orchestra, students will be able to play orchestral music at a 10th grade level or higher. Students are expected to perform in school concerts and regional festivals. Pre-requisite: middle school orchestra or teacher approval.

CCT8243

JAZZ BAND 1 & 2

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit
Prerequisite: Audition; open to all grades by permission only

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

CCT8234

WIND ENSEMBLE

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit
Prerequisite: By audition only, woodwind, brass.
Grades 10 - 12

Wind Ensemble is an advanced performing ensemble for 10th-12th grade advanced music students who play traditional winds and brass. Students enrolled in the class will be expected to participate in all Wind Ensemble and athletic band activities during or outside the normal school day, including participation in marching band and pep band. Students will apply skills and concepts learned in Wind Ensemble and apply them to more difficult music literature. Awareness of their instrument's role and attention to fine detail within the ensemble will be taught. Students need to make every effort to provide their own instruments and necessary equipment to participate in class on a daily basis. Pre-requisite: Audition and teacher approval.

CHORAL MUSIC

HFA8242

TREBLE CHOIR

Length/Credit: Yearlong course/ 1.0 Fine Arts credit
Prerequisite: None
Other: Open to all women in grades 9-12. No Audition required.

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

CCT8239

CONCERT CHOIR

Length/Credit: Yearlong course/ 1.0 Fine Arts credit or Occupational Ed credit
Other: Open to all men in grades 9-12 (see Ms Pelavin for voice placement)
Open to women in grades 10-12 by audition.

Concert Choir is a large performing ensemble made up of beginning through advanced musicians. Students will sing and perform quality choral literature of the highest level from a large variety of genres, cultures, and styles. There will be an emphasis on building musicianship skills through a program of sight reading, music theory, ear training, and vocal technique. This group performs at numerous school concerts and festivals, as well as additional honors and invitational concerts, throughout the year. Concert Choir attends fall choir camp and travels on a spring choir tour. Students are encouraged to take choir for all four years of high school. Pre-requisite: Open to all men in grades 9-12, see Ms. Pelavin for voice placement. Open to women in grades 10-12 by audition.

HFA8238**ADVANCED WOMEN'S CHORALE**

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

Prerequisite: None

Other: Open to women in grades 10-12 by audition.

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

CCT8240**VOCAL JAZZ (Jazz Choir)**

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

Prerequisite: Open to experienced male and female singers in grades 10-12 by audition.

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

DRAMA AND TECHNICAL THEATRE**HFA6267****THEATRE 1**

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

Prerequisite: None

Other: This elective class may be taken consecutive semesters

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

HFA6268**THEATRE 2**

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

Prerequisite: Teacher permission

Other: This elective course may be taken consecutive semesters

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

CFA3255**TECHNICAL THEATRE FOUNDATIONS****CFA3258****TECHNICAL THEATRE ADVANCED**

Length/credit: 1 semester/.5 credit

Prerequisite: None required for Technical Theatre Foundations

Technical Theatre Foundations required for Technical Theatre Advanced

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

PROYECTO SABER - OUR CULTURAL HERITAGE

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

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

Los objetivos de la clase Nuestra Herencia son: los estudiantes se desempeñaran al nivel o mejor, ellos satisfacen la criteria establecida para pasar todas las clases y que llenaran los requisitos para graduarse.

Estudiantes del grado 9-12 explorarán su cultura a través de una variedad de materias. La clase incluye llevar un diario, arte y proyectos especiales que serán presentados al final de cada semestre. Práctica y maestría de las destrezas esenciales necesarias para la ejecución académica son promovidas a través de ayuda tutorial, intervención y mediación. Cumplimiento de las otras materias constantemente vigilado y es parte de la nota final. Recuperación de créditos es disponible.

HLA0075 **PROYECTO SABER - OUR CULTURAL HERITAGE**

Length/Credit: .5 Elective Credit per semester

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

SCIENCE DEPARTMENT**HSC1260/HSC1261** **PHYSICAL SCIENCE 1/2**

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

Other: Required course for 9th graders; those enrolled in Geometry have the Biology option

These two courses focus on unifying concepts in physics, chemistry, earth/space, and environmental science. They build on concepts developed in prior years with a strong emphasis on the development of problem-solving, critical-thinking, and inquiry skills. Students will gain a strong foundation in scientific literacy necessary to be productive citizens and to be successful in future science courses.

HSC1258/HSC1259 **BIOLOGY 1/2**

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

Other: Required 10th grade science course. Students will be allowed one opportunity to re-take Biology.Prerequisite: **Physical Science or Grade 9 students enrolled in Geometry** (Grade 10 students will receive first priority during scheduling.)

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

HCT1980/HCT1981 **BIOLOGY 1/2 – BIOTECH ACADEMY** (See course description in Academy section.)**HSC3111/HSC3211** **CHEMISTRY 1/2**

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

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

In this two semester course, students will investigate the atomic and molecular make-up of matter and its interrelationships. Principles of Chemistry are developed inductively through laboratory activity, problem-solving, and practical applications that leads students to an understanding of the basic concepts of chemistry. Specific topics considered include: safety, use of SI measurement system, chemical and physical properties, gas law, and study of energy levels, reaction mechanisms, and organic chemistry. *Students take the American Chemical Society National High School end of course exam.*

HCT2255/HCT2256 **CHEMISTRY 1/2 – BIOTECH ACADEMY** (See course description in Academy section.)**HCT1982/HCT1983** **GENETICS 1/2 –BIOTECH ACADEMY** (See course description in Academy section) **Non-Biotechnology Academy students allowed on a space available basis.****CSC7750/CSC7751** **ENVIRONMENTAL HORTICULTURE 1/2 (May be taken Year Long or Semester Long)**

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

Other: Open to 11/12 grades

This course introduces the student to the general field of horticulture and environmental science. Students learn the scope of the industry, opportunities, and knowledge required to qualify for these opportunities. Students will learn about greenhouses, horticultural cultivation techniques, plant identification, growth requirements, 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 houseplant identification, and reclamation activities at local parks. *This course may qualify for Occupational Education credit.*

HSC3157/HSC3257**BOTANY 1/2**

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

Other: Open to 10/11/12 grades

Prerequisite: **Successful completion of Biology 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. Students will investigate botanical diversity, anatomy, morphology, evolution, plant development, physiology, and cultivation of plants. Participation in experimental design, indoor and outdoor laboratory investigations, and field trips to parks and greenhouses are essential to these plant investigations. Guest speakers and experts in the field from local greenhouses, nurseries, and environmental organizations will consult and assist students

HSC3112/HSC3212**PHYSICS 1/2**

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

Other: Open to 10/11/12 grades

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

Physics focuses on the basic concepts of force, energy, and mathematical applications. The fundamentals are emphasized through observation, measurement recording, and interpretation via the laboratory experience. Specific areas covered are: measurement, kinematics, dynamics, energy, waves, light, sound, electricity, magnetism, and nuclear physics.

HCT4553/HCT4554**OCEANOGRAPHY –MARITIME ACADEMY (CIHS) (See course description in Academy Section)
Non-Maritime Academy students allowed on a space available basis with instructor permission.****HSC4163/HSC4164****ASTRONOMY (CIHS)**

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

Other: Open to 10/11/12 Grades

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

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

HSC3718/HSC3719**ECOLOGY**Length/Credit: 2nd semester only/. 5 creditOther: **Instructor Permission**

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

HSC3012**AP BIOLOGY 1/2**

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

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

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

HSC3011/HSC1184**AP CHEMISTRY 1/2**

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

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

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

SOCIAL STUDIES DEPARTMENT

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

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

HSS5852/HSS5853 WORLD HISTORY 1/2

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

This survey course provides students with the foundational content and skills to study history and the social sciences at the high school level. Students will develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies, from the Agricultural Revolution through the Industrial Revolution. WH 1 builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. WH 2 emphasizes the events and institutions that set the stage for Contemporary World Problems, and connections to the present are imbedded in this course. Students will learn to write short persuasive compositions and analyze historic sources.

HSS1282/HSS1283 WORLD HISTORY 1/2 HONORS

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

Prerequisite: 9th grade: Good academic standing and attendance in previous social studies course

This course covers the same geographic areas and historic periods as the regular course listed above with an increased skill building in writing, research and reading, using a college level text and themes. WH 2 emphasizes the events and institutions that set the stage for Contemporary World Problems, and connections to the present are imbedded in this course.

HSS5854 WORLD HISTORY 3

Length/Credit: 1 semester/ .5 credit

Prerequisite: 10th grade standing

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

HSS1214/HSS1215 ADVANCED PLACEMENT EUROPEAN HISTORY

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

Prerequisite: 10th 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 materials in modern European history. Students will gain the ability to analyze historical evidence and express historical understanding in writing. Students are expected to take the AP exam in May. This course is approved by the College Board for AP designation on student transcripts. Students will complete at least 20 hours of community service or provide a detailed plan for how community service hours will be completed by the spring semester of their junior year.

HSS0568/HSS0569 ADVANCED PLACEMENT WORLD HISTORY

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

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

This 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 interpretative essays, and skills in analyzing types of historical evidence. Students are expected to take the AP exam in May. This course is approved by the College Board for AP designation on student transcripts. Students will complete at least 20 hours of community service or provide a detailed plan for how community service hours will be completed by the spring semester of their junior year.

HSS5856/HSS5857 UNITED STATES HISTORY 11A/B

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

Prerequisite: 11th grade standing

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

HSS1211/HSS1213 ADVANCED PLACEMENT UNITED STATES HISTORY
Length/Credit Yearlong course/ .5 credit each semester
Prerequisite: 11th grade: Good academic standing and attendance in previous social studies course
This college level survey course provides students with the analytical skills and factual knowledge necessary to deal critically with the problems and developments in United States history. Students are expected to take the AP exam in May. This course is approved by the College Board for AP designation on student transcripts. Students will complete their service learning hours as well as presenting a research presentation in the spring semester to meet their graduation requirements.

HSS5856/HSS5857 UNITED STATES HISTORY – MARITIME ACADEMY
(See course description in Academies section)

HSS1742 AMERICAN GOVERNMENT
Length/Credit 1 semester/ .5 credit
Prerequisite: 12th grade standing
In AG students gain the knowledge and understanding necessary to be informed citizens. Students will learn how their government works and how their economic system operates so that they may make informed decisions; students will be asked to demonstrate skills in reading/writing, research, discussion, debate, mock trial, and simulation in this class. Students are required to write and pass the OSPI designed CBA, classroom based assessment, in Civics.

HSS0487 ADVANCED PLACEMENT AMERICAN GOVERNMENT
Length/Credit: Yearlong course/ .5 credit each semester
Prerequisite: 12th grade: Good academic standing and attendance in previous social studies course
This college level survey course introduces students to issues in American government and economics, 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 are expected to take the AP exam in May. This course is approved by the College Board for AP designation on student transcripts.

SPECIAL EDUCATION DEPARTMENT

HLA9301/HLA9302 LA 9A and 9B M
Length/Credit: 2 semesters/ .5 credit each semester
The Language Arts 9(M) course is designed to provide students with the building blocks of written language. Mastery of basic grammar is the goal of Language Arts 9(M). The student will learn to identify common and proper nouns, verbs, adjectives, and adverbs. The student will correctly use subject/verb agreement in writing simple sentences. The student will correctly link sentences into paragraphs, using correct indentation, punctuation, and spelling. Reading is a main component of our Language Arts class. We use reading materials which emphasizes developing vocabulary, decoding skills, and building comprehension skills. Also, we complete daily reading exercises from our “Books on Tape” library.

HLA9303/HLA9304 LA 10A and 10B M
Length/Credit: 2 semesters/ .5 credit each semester
Students in the Language Arts 10(M) course will polish their skills of English grammar, sentence and paragraph structure, punctuation, and spelling. The students will write fiction and non-fiction papers. We will learn library research techniques and how to write school reports. Reading is a main component of our Language Arts class. We use reading materials which emphasizes developing vocabulary, decoding skills, and building comprehension skills. Also, we complete daily reading exercises from our “Books on Tape” library.

HLA9305/HLA9306 LA 11A and 11B M
Length/Credit: 2 semesters/ .5 credit each semester
The Language Arts 11(M) course designed to build upon the foundations taught in the Language Arts 9(M) and 10(M) program. Prior to entering the Language Arts 11(M) class, the student will have mastery of basic grammar, sentence and paragraph structure, basic punctuation, and spelling. The student must demonstrate the ability to correctly link paragraphs into essay form. In Language Arts 11(M), the student will learn library research skills. These skills will be used in writing their research reports. The research skills will be honed, in preparation for developing and presenting their senior project.

HLA9307 LA 12 M
Length/Credit: 2 semesters/ .5 credit each semester
Prerequisite: Senior status
This course is focused on the senior project that is multimedia based. Students entering the Language Arts 12(M) class will have mastery of basic grammar, sentence and paragraph structure, basic punctuation, and spelling. The student must demonstrate the ability to correctly link paragraphs into essay form. The student will build upon the research skills learned in Language Arts 11(M). This is a one-semester course designed to aid the student in developing and presenting their senior project.

HLA9732

Length/Credit

Other:

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.

READ 180

Semester long course/ .5 credit

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

HMA9329/HMA9330

Length/Credit:

2 semesters/ .5 credit each semester

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

GENERAL MATH M**HSS9337/HSS9327**

Length/Credit:

2 semesters/ .5 credit each semester

These courses provide an introduction to 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.

WORLD HISTORY 1/2 M**HSS9328**

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.

WORLD HISTORY 3 M**HSS9341/HSS9335**

Length/Credit:

2 semesters/ - .5 credit each semester

Prerequisite:

Junior status

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

US 11 A/B M**HSS9342**

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.

AMERICAN GOVERNMENT AND ECONOMICS M**HUE4191**

Length/Credit:

.5 credit each semester

Topics covered in this course include: time management, organizational skills, study strategies, and test taking skills. Students in the Study Skills class will be provided specialized instruction as outlined in their IEP. The course is designed to enhance and reinforce the concepts and skills taught in their mainstream program classes. The Study Skills program follows a classroom tutorial model. During the class session, school staff assesses student progress. Students are provided direct instruction and/or assistance as appropriate. Students are encouraged to use staff and building resources in completing their school assignments.

HIGH SCHOOL STUDY 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

Prerequisites: Sophomore Status or IEP recommendation

Students attend the following programs two hours per day. The goal of these programs is to develop workplace behaviors and vocational exploration while performing real work tasks (non-paid).

Mailroom: Housed at the John Stanford Center for Educational Excellence (JSCEE)

Mt. St. Vincent's: Nursing Care and Child Care

Landscaping: Limited to EBD population, all day program where students learn landscaping skills and appropriate on-the-job behaviors in this all day program (non-paid). Students will re-enter their school following one semester of participation.

Commercial Foods: Food Preparation and Production. Housed at North Seattle Community College. *Afternoon program only.*

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.

There are many programs available at each Seattle Community College Campus. Here are just a few:

South Seattle Community College:

Office Occupations

Auto Body Repair

Auto Technology

Cosmetology

Diesel & Heavy Equipment Technology

Floristry

Hazardous Materials

Handling

Welding

Avionics

Seattle Central Community College:

Apparel design and service

Building Construction

Culinary Arts

Corrections Officer

Early-Childhood Care

Optometry

Business Communications

Human and Social Services

North Seattle Community College:

Business

Early Childhood Education

Electronics

Culinary Arts

Accounting

Computer Programming

Watch and Clock Repair

Drafting

Seattle Vocational Institute:

Workplace Basics

Computer Information Systems

Multiple Trades

Cosmetology

Dental Assistant

Medical Assistant

Fire Fighter Prep

Business Management

HCT1621 MARITIME SURVEY

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

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

HCT1622/HCT1623 MARITIME SKILLS

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

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

HCT1624 OPERATOR OF UNINSPECTED PASSENGER VESSEL

Length/Credit: 2nd semester only/ .5 Occ. Ed. Credit
 Prerequisite: Completion of Maritime 2 and Maritime 3, 12th grade standing (Maritime Academy)

This course is a Coast Guard-certified course leading to an Operator of Uninspected Passenger Vessel (six-pack or charter) license. This license allows the holder to operate uninspected vessels with six passengers or less for hire.

HCT1574/HCT2313 INTRODUCTION TO ENGINEERING DESIGN 1/2

Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisites: Must have passed or be currently enrolled in Algebra 1A/B
 Grades 9, 10, 11, 12

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

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

HCT1576/HCT2311 PRINCIPLES OF ENGINEERING 1/2

Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisite: Introduction to Engineering Design 1/2

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

HCT1577/HCT2316 COMPUTER INTEGRATED MANUFACTURING 1/2

Length/Credit: Yearlong course/ .5 credit each semester
 Prerequisite: Introduction to Engineering Design

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

HCT1578/HCT2314 ENGINEERING DESIGN AND DEVELOPMENT

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

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

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

CCT5957 GRAPHIC ARTS 1

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

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

HCT7682 METAL 1

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.

HCT7884 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.

HCT7836 WOOD ADVANCED

Length/Credit: 1 semester/ .5 credit

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

DIGITAL FILMMAKING**DIGITAL FILMMAKING Entry Level Courses****CFA5633 VIDEO 1 - MEDIA ISSUES AND TELEVISION PRODUCTION (availability depends on enrollment)**

Length/Credit: 1 semester/ .5 credit

Prerequisite: none

Take advantage of television before it takes advantage of you! Increase your understanding of media messages as you learn the basic technical and aesthetic elements of film and television production. This entry-level class requires analysis and production of news, commercials, and introduces the basic theoretical concepts of visual storytelling. Each student will develop a digital portfolio with work in both genres. Class projects will be shown at school screenings, televised on cable channels, and entered in film and video festivals.

CFA5633 VIDEO 1 - DIGITAL FILMMAKING

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

Prerequisite: Application Required

Other: Open to students in Grades 9 and 10 only

This intensive, two-semester intro class gives students a running start on portfolio development and is the best preparation for the advanced classes. Increase your understanding of media messages as you learn the basic technical and aesthetic elements of film and television production. This class requires written analysis and production of news and commercials. In addition, students study

story construction, learn visual storytelling techniques, and produce short narrative films. Students will develop portfolios with work in each of these genres. The finished productions will be shown at school screenings, televised on cable channels, and entered in film and video festivals.

DIGITAL FILMMAKING Advanced Courses

CFA5634 VIDEO 2 - INTERMEDIATE DIGITAL FILMMAKING

Length/Credit: Yearlong course/ .5 credit each semester
Prerequisite: C or above in Video 1 and application required

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

CFA5635 VIDEO 3 – ADVANCED DIGITAL FILMMAKING

Length/Credit: Yearlong course/ .5 credit each semester
Prerequisite: C or above in Video 2 and application required

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

CFA5636 VIDEO 4 – ADVANCED PRODUCTION SKILLS

Length/Credit: Yearlong course/ .5 credit each semester
Prerequisite: C or above in Video 2 and application required

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

WORLD LANGUAGES DEPARTMENT

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

FRENCH

HWL1273/HWL1274 FRENCH 1A/1B

Length/Credit: Yearlong course/ .5 elective credit each semester
Other: Must be passing at semester to continue to 1B
Fees: Workbook approx. \$20.00

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

HWL3522/HWL3523 FRENCH 2A/2B

Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: French 1B/open to all grades.
Other: Must be passing at semester to continue to 2B
Fees: Workbook approx. \$20.00

French 2A, 2B is a full year course, which is a continuation of French 1A, 1B in which 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. Again, this is open to all grade levels.

HWL3528/HWL3529**FRENCH 3A/3B (CIHS)**

Length/Credit: Yearlong course/ .5 elective credit each semester
 Prerequisite: French 2B/open to all grades
 Other: Must be passing at semester to continue to 3B
 Fees: Elective UW credit

French 3A, 3B is a full year course, which is a continuation of French 2A, 2B in which 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.

HWL3534/HWL3535**AP FRENCH**

Length/Credit: Yearlong course/ .5 elective credit each semester
 Prerequisite: French 3B or equivalent skills
 Fees: Workbook approx. \$45.00 plus AP Exam Fee

The Advanced Placement (AP) French class is designed to prepare students for the national AP French examination. Focus will be on grammar and sentence structure as well as vocabulary. 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.

HWL3538**FRENCH INDEPENDENT STUDY**

Length/Credit: Yearlong course/ .5 elective credit each semester
 Prerequisite: Passing AP French Language and/or teacher approval
 Fees: TBD

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

JAPANESE**HWL1275/HWL1276****JAPANESE 1A/1B**

Length/Credit: Yearlong course/ .5 elective credit each semester
 Prerequisite: Open to all grades
 Other: Must be passing at semester to continue to 1B
 Fees: TBD

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

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

HWL3541/HWL3542**JAPANESE 2A/2B**

Length/Credit: Yearlong course/ .5 elective credit each semester
 Prerequisites: Successful completion of Japanese 1A, 1B
 Other: Must be passing at semester to continue to 2B
 Fees: TBD

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

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

HWL3547/HWL3548**JAPANESE 3A/3B**

Length/Credit: Yearlong course/ .5 elective credit each semester
 Prerequisites: Successful completion of Japanese 2A, 2B
 Other: Must be passing at semester to continue to 3B
 Fees: TBD

Third year Japanese focuses on developing proficiency in the use of Kana syllabaries and Kanji characters 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.

HWL3553/HWL3554 **AP JAPANESE (4A/4B)**
Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisites: Successful completion of Japanese 3A/3B
Fees: TBD, AP exam fee TBA

Fourth year Japanese is a continuation of the rigorous study of the language and culture of Japan. Grammatical studies include honorifics, command form, passive form and causative/permissive forms. Students will continue to develop previously introduced structures and vocabulary. By the end of the fourth year students will have learned approximately 420 kanji.

SPANISH

HWL1279/HWL1280 **SPANISH 1A/1B**
Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Open to all grades
Other: Must be passing at semester to continue to 1B
Fees: Workbook approx. \$20.00

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

HWL3560/HWL3561 **SPANISH 2A/2B**
Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Successful completion of Spanish 1B or equivalent skills
Other: Must be passing at semester to continue to 2B
Fees: Workbook approx. \$ 20.00

Spanish 2A/2B is a yearlong course beginning with a global review of vocabulary and structures learned in Spanish 1A/1B and progressing to the development and refinement of their conversation, reading, and composition skills. Students will participate in a variety of communicative activities, and will complete culture projects targeting Hispanic areas of the world.

HWL3604/HWL3605 **SPANISH 3A/3B (CIHS)**
Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Successful completion of Spanish 2B or equivalent skills
Other: Must be passing at semester to continue to 3B
Elective UW credit
Fees: Online workbook approx. \$20

This course concentrates on developing proficiency in reading, writing, and communicating in Spanish. Grammar study includes a review of regular and irregular verbs of the present and past tense. New verb forms introduced are the imperative, future, conditional, participles and the subjunctive mood. Reading concentrates on cultural and literary materials. In writing, compositions are required, stressing strong command of vocabulary and grammar, language expression, voice, well-articulated ideas, and writing conventions. Speaking Spanish in the class at all times is strongly encouraged. **University of Washington credit available for additional fee.**

HWL3566/HWL3567 **SPANISH 4A/4B**
Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Successful completion of Spanish 3B or equivalent skills
Other: Must be passing at semester to continue to 4B
Elective credit, open to all grades

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

HWL3572/HWL3573 **AP SPANISH**
Length/Credit: Yearlong course/ .5 elective credit each semester
Prerequisite: Completion of Spanish 3B or 4B or equivalent skills
Other: Open to 10th, 11th and 12th grade.
Fees: Workbook approx. \$40, 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.

HWL3576**SPANISH INDEPENDENT STUDY**

Length/Credit:

Yearlong course/ .5 elective credit each semester

Prerequisite:

AP Spanish and teacher approval

Fees:

TBD

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