

BALLARD HIGH SCHOOL

COURSE CATALOG

2021-22



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

SEPTEMBER 1, 2021
BALLARD HIGH SCHOOL
1418 NW 65th St Seattle, WA 98117
Ballardhs.seattleschools.org

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REVISION LOG

2/4/2021	Posted to website
2/7/2021	v3 - Removed HMA2873/3874 Math 146 & corrected pagination
2/8/2021	v4 - Under Course Descriptions, added footnote for French 4, under Course Selection & Registration added link to registration instructions
2/10/2021	v5 - Revised Academy of Finance, CTE, & Cross Crediting Sections. Updated course descriptions for Computer Applications, Math 130 & Accounting 2 & 3; Removed Financial Algebra & replaced with Math 130 Business Math, Removed course Ethics in Business, Added Math and Science Sequencing Graphics in respective sections; Added New Courses section and list of new courses; changed Academic Term to Academic Calendar, Updated pagination & Table of Contents.

OUR MISSION

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

LETTER FROM PRINCIPAL WYNKOOP

Dear Parents, Guardians, and Students,

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

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

Keven Wynkoop

Keven Wynkoop, Principal 2021-22

ACADEMIC CALENDAR BEGIN & END DATES¹

Sep 01, 2021	BEGIN	Quarter 1 & Semester 1 – 1 st day of school
Nov 05, 2021	END	Quarter 1
Nov 08, 2021	BEGIN	Quarter 2
Jan 28, 2022	END	Semester 1 & Quarter 2
Jan 31, 2022	BEGIN	Quarter 3 & Semester 2
Apr 08, 2022	END	Quarter 3 Ends
Apr 11, 2022	BEGIN	Quarter 4
Jun 16, 2022	END	Quarter 4 & Semester 2 – Last day of School

¹ Dates subject to change. See seattleschools.org

IMPORTANT POLICIES

A. 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.

B. LATE ARRIVALS/EARLY DISMISSALS

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

C. 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, except for TA (teacher assistant) positions which earn .25 semester credit.

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

Last year, 2020-21 Covid-19 Grading Policy: On August 12, 2020, the SPS School Board voted to temporarily suspend portions of the district's high school grading policy ([Policy 2420](#)) so that students taking high school or middle school courses will earn "A-C-" or "Incomplete" final grades as measures of their learning progress. This revised grading scale, along with associated grading practice guidance given to educators, seeks to minimize harm to students and promote equity during remote learning and our response to the pandemic.

D. REPORT CARDS AND PROGRESS REPORTS

Progress reports are posted to the Source ~2 weeks after the end of the Semester. Semester grades are posted to the official transcript. **Weighted Class Rank:** Class rank is an indicator requested by some colleges and universities, scholarship programs, and some employers. A weighted class rank system is intended to recognize students who take more rigorous academic courses. These include courses designated as Honors (H), Advanced Placement (AP), College in the High School (CIHS) and Running Start (HRS). Honors courses earn a half weighting point; AP, CIHS, and HRS courses earn a full weighting point. **The weighted ranking process does not affect the**

GPA. The highest attainable GPA is 4.0 (WAC 180-57-050). Valedictorian(s) and Salutatorian(s) are based on cumulative weighted rank as of 1st semester senior year.

E. BALLARD HIGH SCHOOL VALEDICTORIAN / SALUTATORIAN POLICY

■ **BALLARD'S VALEDICTORIAN MUST:**

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

■ **BALLARD'S SALUTATORIAN(S) MUST:**

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

F. HIGH SCHOOL CREDIT FOR MIDDLE SCHOOL COURSES

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

G. MAKING UP A REQUIRED COURSE

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

H. COURSE FEES

Although we cannot require course fees, having students pay them allows us to offer a much more rich and engaging class experience. Students who qualify for free or reduced-price meals may qualify for discount or no costs.

I. ATHLETIC ELIGIBILITY

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

J. NCAA ATHLETIC ELIGIBILITY

Students interested in participating in college athletics after high school need to be aware that additional academic courses are required for eligibility and not all courses are approved for NCAA eligibility. Student athletes must also register with the NCAA Eligibility Center, preferably during their junior year. Visit the [NCAA Eligibility webpages](#). and see the athletic director or your counselor for more information. Please be aware that many NCAA academic requirements must be met *before* the senior year, so student athletes should inform themselves of these requirements.

OPPORTUNITIES TO EARN COLLEGE CREDIT AT BHS

A. DUAL CREDIT COURSES

Dual Credit programs allow students to take college-level courses while still in high school. Students may become eligible for college credit based on scores obtained in the year-end examinations and through taking college-level classes either at their high school or at colleges and universities. Dual credit programs at Ballard include: Advanced Placement, College in the High School, Tech Prep and Running Start.

B. ADVANCED PLACEMENT (AP) COURSES

Students in AP courses *might* earn college credit and/or advanced placement in college if they perform well on AP exams given in May and if their college of choice accepts the AP exam for credit. *College credit is not guaranteed but rather is determined by each individual college upon the student's enrollment in that college.* AP courses at Ballard High School prepare students for these exams and offer a rigorous subject study available. 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. AP Course offerings can change annually based on staffing and student enrollment. Prerequisites for AP courses are outlined in the course descriptions section in this catalog.

AP AMER GOV	AP ENG LIT COMP	AP SPANISH LIT
AP BIOLOGY	AP ENVIRONMNTL SCI	AP STATISTICS
AP CALCULUS AB	AP FRENCH	AP STUDIO ART 2D DES
AP CALCULUS BC	AP JAPANESE	AP STUDIO ART DRAW
AP CHEMISTRY	AP MACROECONOMICS	AP US HISTORY
AP COMPUTER SCI	AP MUSIC THEORY	AP WORLD HISTORY
AP ENG LANG COMP	AP SPANISH	

C. COLLEGE IN THE HIGH SCHOOL (CIHS OR CHS)

Opportunities with University of Washington and Edmonds College.

■ UNIVERSITY OF WASHINGTON

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

■ EDMONDS COLLEGE (CHS)

The Edmonds College in the High School (CHS) program lets you

- Take Edmonds College classes at your high school;
- Earn credits that count toward both high school graduation requirements, and college credit;
- Take classes taught by your high school teachers who are CHS Associate Faculty and who partner with Edmonds College faculty members;
- Use Edmonds College resources, including the college library, student services, advising, and more.

Tuition for a 5 credit Edmonds College CHS class is \$215 and includes textbooks. There are no other costs. Some scholarships are available. A 5-credit undergraduate class at the University of Washington is ~\$1,799 plus textbooks. Edmonds College's College in the High School Program is nationally accredited by the National Alliance of Concurrent Enrollment Partnerships, one of only four colleges in Washington state. Students interested in the Edmonds College CHS program should visit their website for more information.
www.edmonds.edu/highschool/chs/

D. RUNNING START

This program for 11th and 12th graders allows students to take classes at the community college and earn high school and college credit simultaneously. Tuition is free for a maximum of 15 credits per quarter in college-level courses numbered 100 or higher. However, the number of college credits each student may take free of tuition costs is limited by the number of classes the student is concurrently taking at the high school. Students are responsible for tuition for pre-college courses (numbering below 100) and any credits that exceed their allowable limit. Students are responsible for the cost of books and transportation. Priority application deadline for fall term is the first week of May. Winter and spring term deadlines vary by school - please refer to the Running Start Page on the Ballard HS website for current information. 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.

E. SEATTLE TECH-PREP

A Tech Prep course contains a signed articulation agreement between Seattle Public Schools (Career and Technical Education) and at least one community/technical college. A student earning a Tech Prep Completer has completed 360 hours in any single CTE program area. The student must have passing grades in all courses within the program area for the courses to be counted for completer status. Tech Prep is the 'AP' of CTE. This program enables high school students to complete college-level courses while still in high school.

F. SEATTLE SKILLS CENTER - OFF-CAMPUS VOCATIONAL PROGRAMS

Learn advanced, hands-on, practical career skills and have the opportunity to earn industry certification, dual college credit, or participate in an internship or pre-apprenticeship while still attending high school?

Seattle School District high school students can enroll in one HALF DAY Skills Center course for up to 3 high school credits per year, while still attending your regular school the other half of the school day. You can still participate in sports, activities, and stay connected with friends. Each class requires 3 periods per day (periods 1-3 for AM classes, and periods 4-6 for PM classes). **Talk with your school counselor to make sure it will work with your schedule.** Regardless of which high school you attend, you can take any Skills Center class. See the webpage for full course descriptions and the EASY REQUIRED ONLINE APPLICATION. Students get a taxi, van, or school bus to and from their Skills Center class, so no worries about long commutes on the Metro or Light Rail. <http://skillscenter.seattleschools.org>

GRAD REQUIREMENTS FOR CLASS OF 2021 & BEYOND

A. HIGH SCHOOL AND BEYOND PLAN

The State of Washington requires all students to create a High School and Beyond Plan. Seattle Public Schools expects students entering grade 8 to begin to develop a 5-year plan including 4 years of high school courses, resume or activity log, and post high school career and college goals. The plan should be updated over time as the student develops high school plans. School counselors, staff and parents help students develop their individual plans in the district approved tools.

B. SERVICE LEARNING

Seattle Public Schools requires students to complete 60 hours of service learning before graduation. Speak to your Counselor to learn more about service learning and to help you create a plan. Service Learning hours are posted to the Source.

C. WA STATE HISTORY

Most students who completed middle school in the state of Washington met the WA State History requirement in middle school. If you attended a private middle school or a middle school out of state, please contact your Ballard counselor about how to meet this grad requirement.

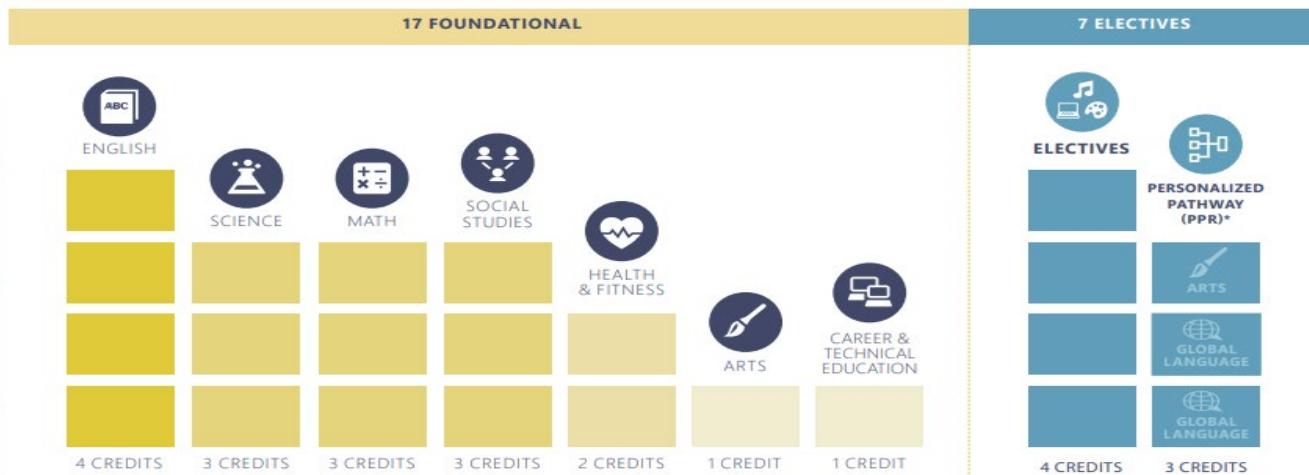
D. PE COMPETENCY TEST

Students must earn credit for physical education (PE) courses unless excused per RCW 28A.230.050. Students may be excused from PE (but not Health). Students who are excused from PE, upon the completion and approval of a PE waiver submitted to their counselor/administrator at Ballard, must still “demonstrate competency/mastery in the knowledge portion of PE in a district-approved written assessment that is aligned to Physical Education K–12 learning standards.” (WAC 180-51-068). This exam is only administered to 2nd semester seniors who did not take and pass a PE class while a student at Ballard.

E. REQUIRED CREDITS

24 credits are required for graduation earned from the below list of approved courses. The credit requirements are minimums both in terms of total credits required for graduation and for credits in the various subject areas. SPS graduation requirements meet most college entrance requirements for WA State schools. Some colleges may require additional courses.

Figure 1 Personalized Pathway Requirements



GRADUATION PATHWAY

- Complete ANY of the pathways below to meet the Graduation Pathway grad requirement
- **contact your BHS counselor with questions**

1. Career/Technical Field - CTE Course Sequence
 - Complete 2.0 credits or more that either include a dual credit course or lead to an industry recognized credential
2. Military Career Interest = ASVAB Exam (AFQT Section)
 - Score for Class of 2021 = 31
 - Check the State Board of Education website by September 1 annually (www.sbe.wa.gov/our-work/graduation-pathway-options/asvab)
3. Postsecondary Education = English Language Arts (ELA) and Math Courses & Exams (Can use any combination of the ELA and math options listed in this section.)
 - ACT (ELA = 14; math = 16) or SAT (ELA = 410; math = 430)]
 - Dual credit courses (1.0 credit total):
 - AP/IB/Cambridge: Earn a C+ in state-approved course (each term)
 - CTE Dual Credit (must earn high school credit)
 - College in the High School or Running Start courses (local approval)
 - Dual credit exams (for state-approved courses):
 - AP = 3+
 - Cambridge = E or better
 - IB = 4+
 - State assessments:
 - Smarter Balanced: ELA = 2548; math = 2595
 - WA-AIM: ELA = 104; math = 103
4. Transition courses (1.0 credit total):
 - Bridge to College courses have state-level approval
 - Local articulation agreements between districts and sponsoring colleges

CAREER FOCUS OPPORTUNITIES (*No Applications Required*)

For those students seeking a thematic, integrated approach to their studies in high school, Ballard High School offers these career focus opportunities:

- Academy of Finance
- Biotechnology Academy
- Digital Filmmaking
- Ballard Maritime
- Project Lead The Way (PLTW/Engineering)

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.

1. Academy of Finance (AOF)

The Academy of Finance is part of the National Academy Association, (NAF) naf.org. The Academy of Finance connects high school students with the world of financial services, offering a curriculum that covers

entrepreneurship, banking and credit, financial planning, international finance, securities, insurance, accounting, and economics, among other topics. The Academy of Finance curriculum & certification is being validated by the Council for Economic Education. The program includes: a workplace (Internship) experience between Junior and Senior year, career conferences, interview & resume prep, regular support & mentorship from our professional board, and a financial education trip to New York City. Students successfully completing all the requirements of the Academy become NAFTrack certified opening scholarship, priority interviewing (now & after college) with partnering firms (Citibank, Marriot, et.al.) and networking opportunities. It would be best if students take at least one of the prerequisites: Accounting, Entrepreneurship, Marketing or Marketing focused Sports Marketing. But if that is not possible all students are welcome.

- **ENTERING THE ACADEMY OF FINANCE**

1. Fill out the Ballard High School Academy of Finance Interest Survey: [AOF Interest Survey](#)
2. Inform your counselor prior to signing up for your 11th grade classes that you wish to be in the Academy of Finance.

- **SEQUENCE OF COURSES**

Grade 9 or 10: take prerequisite(s) 1 or more: Accounting, Entrepreneurship, Marketing, or Sports Marketing.

Grade 11: Principles of Finance/Business Economics

Grade 12: Business in a Global Economy/Business Management

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

- **ACADEMY OF FINANCE COURSES**

HCT1253	PRINCIPLES OF FINANCE
HCT1254	BUSINESS ECONOMICS
HCT1255	BUSINESS IN A GLOBAL ECONOMY
HCT4295/4296	BUSINESS MANAGEMENT ²

2. Biotechnology Career Academy

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.

² New course for 2021-22

■ ENTERING THE PROGRAM

Students may enter the 3-year program at the beginning of their freshman year. Students entering the program must qualify for Geometry (have completed Algebra 1).

■ 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 part of our efforts to include all students, we are committed to helping bring any interested student up to the necessary academic entrance requirements.

■ CULMINATING EXPO PROJECT AND INTERNSHIPS

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

■ BIOTECHNOLOGY CAREER ACADEMY INTEGRATED COURSE SEQUENCE

Grade 9: *Biology, *Geometry, *Intro to Lit & Comp 9

Grade 10: *Chem B/Chem C, *Algebra 2, *World Lit & Comp 10

Grade 11: *Genetics, *AP ELA Comp 11

Grade 12: AP LA 12 or LA 12

*Indicates required BioTech Academy courses. These are integrated courses that Academy students take together as a cohort. In addition to these courses, Academy students should select electives that fulfill requirements for future pursuits. It is highly recommended that students take computer courses, including Computer Applications I. In addition, students should take at least two years of a foreign language.

■ BIOTECHNOLOGY CAREER ACADEMY COURSES

See course descriptions section for complete description of courses.

English Language Arts – BioTech

HLA3093/3095	INTRO LIT COMP 9A / 9B – BIOTECH
HLA3097/3099	WORLD LIT & COMP 10A / 10B – BIOTECH
HLA2492/2493	AP ENG LANG COMP – BIOTECH

Science – BioTech

CSC4091/4092	BIOLOGY 1 / 2 – BIOTECH (HSC1258/1259)
CSC4093/4094	CHEMISTRY B / C – BIOTECH (HSC3111/3211)
CSC4095/4096	GENETICS 1/2 – BIOTECH
Math – BioTech	
HMA2692/2694	GEOMETRY A/B – BIOTECH (HMA2693/2685 HONORS)
HMA2689/2691	ALGEBRA 2A / 2B – BIOTECH (HMA2689/2690 HONORS)

3. Digital Filmmaking

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.

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.

- **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 CTE requirement.

- **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.

- **DIGITAL FILMMAKING COURSES**

VIDEO BEGINNING A & B

VIDEO ADVANCED A & B

VIDEO SPECIAL PROJECTS

See course descriptions section for complete description of courses.

4. Ballard Maritime Studies

Seattle is the bustling city that it is today because of our location on the waters of Puget Sound. Maritime is a huge and diverse industry with great potential into the future in Seattle. Ballard Maritime Academy prepares students for college, training, and careers in the maritime and marine science fields. Students will learn valuable

information about the maritime industry, college and career skills. They also learn tool identification, safety and proper use. Navigation, geography, map skills, nautical rules of the road and safe boating are also essential in this program. Students also learn hands-on skills, including knots and rope work, wood and metal work, and sewing and sail repair. Maritime academy courses at BHS consist of two separate Maritime courses and Oceanography:

■ **MARITIME COURSES**

HCT7374	MARITIME I - SURVEY
HCT7375	MARITIME II - SKILLS
HSC4553/4554	OCEANOGRAPHY

5. Project Lead-The-Way (PLTW/Engineering)

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.

■ **SEQUENCE OF COURSES**

GRADES 9-12: INTRODUCTION TO ENGINEERING DESIGN 1/2

GRADES 10-12: PRINCIPLES OF ENGINEERING 1/2

GRADES 10-12: COMPUTER INTEGRATED MANUFACTURING 1

GRADE 12: ENGINEERING DESIGN & DEVELOPMENT

■ **PLTW COURSES**

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

HCT7181	MANUFACTURE TECH INTRO
HCT1574/2313	INTRODUCTION TO ENGINEERING DESIGN 1/2
HCT1576/2311	PRINCIPLES OF ENGINEERING 1/2
HCT1577/2316	COMPUTER INTEGRATED MANUFACTURING 1/2
HCT1578/2314	ENGINEERING DESIGN AND DEVELOPMENT

DEPARTMENTS, COURSE CODES & CREDIT TYPE

A. ACADEMIC DEPARTMENTS:

Career & Technical
Education

Business/Marketing/Computer Science

Family and Consumer Sciences

English Language Arts	Mathematics	Visual & Performing Arts
English Learners	Science	World Languages
Health, Fitness & Physical Development	Social Studies	
	Special Education Services	

B. HIGH SCHOOL COURSE CODE & ABBREVIATIONS KEY

COURSE CODE PREFIX

HFA: Fine Arts Credit (Example: Theatre Advanced)

HCT: CTE Credit Example: Photography Beginning, which is a Media Arts course

CFA: CTE Course that is cross credited for Fine Arts

CCT: Cross credited for Occupational Education Credit, equivalent to CTE credit

CSC: Cross credited for Science or CTE

ABBREVIATIONS

A	1st Semester of yearlong course	HMA	Math Course
A/B	Yearlong course A=S1 B=S2	HNA	Placeholder Course - admin use
AOF	Academy of Finance	HPE	Physical Education Course
AP	Advanced Placement	HSC	Science Course
AP	Advanced Placement Course	HSS	Social Studies Course
B	2nd Semester of yearlong course	HUE	Unspecified Elective
CCL	Career Connected Learning	HWL	World Language Course
CHIS	College in the High School	LA	Language Arts
CSC	Science Cross Credited Course	M	Modified
CTE	Career & Technical Education	MA	Math
DECA	Distributive Edu. Clubs of America	OSPI	Office of Superintendent of Public Instruction
EL	English Learners	PE	Physical Education
ELA	English Language Arts	PLTW	Project Lead the Way
FA	Fine Arts	SC	Science
H	Honors	SPED	Special Education Services
HFA	Fine Arts Course	SS	Social Studies
HHE	Health Education Course	WIAA	Athletics
HLA	Language Arts Course	WL	World Language

C. CAREER & TECHNICAL EDUCATION (CTE)

Career and Technical Education (CTE) is a planned Graduation Pathway focusing on specific fields of studies as directed by OSPI. The pathways begin with exploration of career options, supports academic and life skills, and enables achievement of high academic standards, leadership, and preparation for career and college. Pathways at Ballard High School are: Business Career Pathways, Academy of Finance, Marketing Career Pathways, Computer Science Pathways, Publishing Yearbook Career Pathway, Biotechnology Academy, Digital Filmmaking, Family & Consumer Science, & Project Lead the Way.

D. CROSS-CREDITING

Cross-Credited courses provide high school students with core academic credit in high school while earning credits in various institutions of higher education. Included are:

- Advance Placement (AP)
- UW in the High School
- CTE Dual Credit, Seattle Colleges.

COURSE SELECTION & REGISTRATION

Online course registration for next year opens in February. Registration Instructions, Graduation Checklists, Course Selection Worksheets, Contacts, Videos, quick links, and more are available at Ballardhs.seattleschools.org. This is the place to go for current up-to-the-minute information and deadlines for all things related to registration.

https://ballardhs.seattleschools.org/services/counseling_center/fall_registration

NEW COURSES FOR 2021-22

Antiracism & Civic Engagement (Social Studies semester elective)

Business Math 130 (formerly Financial Algebra)

Math 107 – Math in Society

French 4A/4B

Business Management (replacing Ethics in Business)

COURSE DESCRIPTIONS BY DEPARTMENT

1. Business/Marketing/Computer Science Department-

BUSINESS EDUCATION COURSES

HCT4002 COMPUTER APPLICATIONS 1

Length/Credit: 1 semester/ 0.5 credit

Credit type: CTE

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

HCT7131 ACCOUNTING 1

Length/Credit: 1 semester/ 0.5 credit – One of the prerequisites for Academy of Finance

Credit type: CTE

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

HCT7132 ACCOUNTING 2

Length/Credit: 1 semester/ 0.5 credit

Prerequisite: Successful completion of Accounting 1

Credit type: CTE

Dual Credit: Seattle College Credit Available-must complete Accounting 1 & 2 with B average.

When followed by Accounting 1 this SERs articulated and CTE education course is designed to further the knowledge base acquired in Accounting 1. Students work through the accounting cycle for a merchandising business organized as a partnership and as a corporation.

HCT7133 ACCOUNTING 3

Length/Credit: 1 semester/ 0.5 credit

Prerequisite: Successful completion of Accounting 2

Credit type: CTE

Other: This course is offered as an independent study course housed in the regular Accounting 1 & 2 classroom.

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

HCT5701/5702 FINANCIAL ALGEBRA³ A/B

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Algebra 1 and Geometry

Other: Upon approval, this course will change to HMA3866/3867 Bus 130 Business Math.

Open to grades 11 and 12. Counselor Approval – See your counselor for the required form. Beginning in 2021-22 earns CIHS credit at Edmonds Community College

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

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisites: Algebra 1 & Geometry

Dual Credit: CIHS via Edmonds College

³ Math 130 Business Math will replace Financial Algebra pending approval

⁴ Financial Algebra, is being replaced with Math 130 Business Math to provide students with dual credit opportunities.

Other: Upon approval this course will replace Financial Algebra.

Open to 10th – 12th grades

This course is a two-semester course equivalent to a one-quarter Business Mathematics college course. Students are eligible to earn 5.0 college credit after completing both semesters of this course (tuition fees apply). The course includes instruction and review of basic math functions to prepare students for business classes. Topics may include using ratio-proportion, percents, estimating, basic algebra, trade/cash discounts, promissory notes, credit terms, and other consumer related activities. Although this course does not fulfill the math requirement for four-year degrees, it does fulfill the math requirement for many two-year Associate in Technical Arts (ATA) degrees. Including Accounting, Business Information Technology, Business Management, Construction Management, Culinary Arts, Horticulture, Hospitality and Tourism, Medical Information Technology, and others.

HCT1253 PRINCIPLES OF FINANCE (NON-AOF STUDENTS)

Length/Credit: 1 semester/ 0.5 credit – 1st semester/11th or 12th Grade

Prerequisite: Instructor permission & room permitting

Credit type: CTE

This is the same course students taken in the Academy of Finance. It introduces students to the financial world & how it impacts them. Students develop financial literacy as they learn about the function of finance in society. They study income and wealth; examine financial institutions; learn how businesses raise capital; and study key investment-related terms and concept and relate them to their own unique situations. They also research how innovations have changed the financial services field. Finally, students explore careers that exist in finance today.

HCT2528/2529 AP MACROECONOMICS 1 & 2

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Algebra 1 & Geometry

Credit type: CTE, SS

Other: Open to Grades 11th or 12th

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

ACADEMY OF FINANCE COURSES

HCT1253 PRINCIPLES OF FINANCE

Length/Credit: 1 semester/ 0.5 credit – 1st semester/11th Grade

Prerequisite: Academy of Finance or instructor permission

Credit type: CTE

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

insurance and financial planning. Students take what they learn complete the “Life at 25 Project” Where they have a 30-point financial plan based on their vision of themselves at age 25. It is based on their actual financial situation, college preferences, and ambitions.

HCT1254 BUSINESS ECONOMICS

Length/Credit: 1 semester/ 0.5 credit – 2nd semester/ 11th Grade

Prerequisite: Academy of Finance or instructor permission

Credit type: CTE

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/ 0.5 credit – 1st semester/12th Grade

Prerequisite: Academy of Finance or instructor permission

Credit type: CTE

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.

HCT4295/4296 BUSINESS MANAGEMENT A/B⁵

Length/Credit: Semester / 0.5 credit

Prerequisites:

Credit Type: CTE

Other: Open to 11th or 12th

The course provides core content applicable to all aspects of business and encompasses the practical applications of management theory. Students will be introduced to the fundamental management functions including planning, organizing, leading and controlling from multiple perspectives. Including the use of technology and communication as tools of business. The course is designed with a skills-based approach and focuses on six major units:

1. Managing and management responsibilities
2. The environment of business management
3. Business organization and management
4. Financial management
5. Production and marketing management
6. Human resources management Marketing Education Courses

⁵ New course at Ballard HS for 2021-22

HCT5077 MARKETING I

Length/Credit 1 semester/ .5 credit

Credit type: CTE

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

Marketing 1 is an introductory course which will expose students to the fundamental concepts of marketing. Students will evaluate interpersonal communication concepts and skills. This course will clearly define the marketing concept and lead students into a marketing education career pathway. Students may have the opportunity to participate and compete in DECA competitions and activities. Topics covered in Marketing 1 may include: what is marketing, introduction to business, marketing and economic concepts, human relations, how to get and keep a job, career development, selling and promotion.

HCT5078 MARKETING II

Free Community College Credit Available Through Tech Prep

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

Prerequisite: Successful completion of Marketing 1

Credit type: CTE

Marketing 2 is the second of four courses that introduce students to the world of marketing including business and marketing functions, risk management, finance, marketing operations and specialized career development - in the area of the student's interest. A central focus throughout the course will be the development of soft skills including teamwork, oral communication, written communication, and decision-making. Students have the opportunity to participate in DECA. Prerequisite: Marketing 1 or concurrent enrollment in Marketing 1.

HCT2291 ENTREPRENEURSHIP

Length/Credit: 1 semester/ .5 credit

Prerequisite: Marketing 1 or teacher permission

Other: Open to Grades 9-12

Credit type: CTE

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

HCT2293 **SPORTS AND ENTERTAINMENT MARKETING⁶**

Length/Credit: 1 semester/ .5 credit

Prerequisite: None

Credit type: CTE

Other: Open to Grades 9 – 12

Introduces students to and refines their knowledge of marketing and management functions that can be applied in sports and sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment. Instructional strategies will include a computer driven management simulation, where the students

⁶ This course will post to your Transcript as Marketing 1

experience running a football franchise and interaction with a real sports or entertainment organization of their choice. Enrollment in Sports and Entertainment Marketing will allow students to join DECA and be involved in leadership activities and competitions.

COMPUTER SCIENCE COURSES

HCT2547/2548 CS1: IMMERSIVE MEDIA A/B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: None

Credit type: CTE

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

This course introduces students to high level computer science concepts and creative design approaches while they learn how to use immersive technologies. Students will learn product design theory, programming concepts and product management skills while using industry specific software to create small projects. The class culminates with a collaborative team project of the students' own design using immersive technology such as virtual or augmented reality.

HCT1296/1297 CS2: AP COMPUTER SCIENCE A1/A2

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: CS1 Immersive Media A/B (unless pre-approved by instructor)

Credit type: CTE

Other: Open to grades 10 – 12; Algebra is helpful

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

HCT5907/5908 CS3: COMPUTER SCIENCE PROJECTS 1 & 2

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: CS2 AP Computer Science A1/A2

Credit type: CTE

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

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

2. Career Connected Learning (CCL) Department

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

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

Worksite (WSL) opportunities are available in some cases subject to school/state requirements. (See CCLC-Career Connected Learning Coordinator at school) for more information.

CCL COURSES

HCT1298 CAREER CONNECT 1

Length/Credit: Semester / 0.5 credit per semester

Prerequisites: None

Credit type: CTE

The course is designed to help students explore a variety of exciting careers to consider. The purpose of this course is to provide students with instruction in the career planning process directly related to local industry data, career interest, and skill attainment. Through the course, students will be developing a professional career portfolio, which includes career assessments, resumes, cover letters, and artifacts of student's work that demonstrate their 21st century skills. Students will evaluate their employability skills, identify their personal values, learning styles, personality types, and career interests as they start to plan for their future through authentic classroom projects, career panels, field trips, internships and job interviews. Students can explore future careers, set goals and create a professional portfolio in order to be successful in their transition to life after high school.

HCT1299 **CAREER CONNECT 2**

Length/Credit: Semester / 0.5 credit per semester

Prerequisites: Career Connect 1

Credit type: CTE

This course is the second course in the career connection pathway. Pre-req-Career Connections 1. What makes this course unique is the 65 hour embedded career internship, like a clinical practicum. CC2 (Career Connect 2) students focus on building hands-on technical skills and have opportunities to unpack their learning during classroom discussions and assignments. Students will build out their professional portfolios through obtaining a local internship. The embedded internship provides opportunities for students to practice and attain employability skills desired by local business professionals in a meaningful and authentic setting. Students will transition from the classroom to the internship site (upon approval by the school) Monday through Friday. This course will benefit students who are currently working, seeking work, looking to add work experience to their resume or those about to enter the professional setting.

WORKSITE LEARNING COURSES

Students can participate in credit bearing CTE Internships. Some Paid (WSL) Worksite Learning-credit-bearing opportunities are available upon school/state approval. See our (CCLC) Career Connected Learning Coordinator for information, eligibility requirements, and registration process. The table below is a sampling of courses and does not infer availability.

HCT3819	AG WRKSITE 1	0.50	HCT3852	LEGAL PROFESSIONS WRKSITE 2	0.50
HCT3820	AG WRKSITE 2	0.50	HCT3853	MARKETING WRKSITE 1	0.50
HCT3825	BIO MED WRKSITE 1	0.50	HCT3854	MARKETING WRKSITE 2	0.50
HCT3826	BIO MED WRKSITE 2	0.50	HCT3855	MECHANIC WRKSITE 1	0.50
HCT3827	BUILDING WRKSITE 1	0.50	HCT3856	MECHANIC WRKSITE 2	0.50
HCT3828	BUILDING WRKSITE 2	0.50	HCT1191	MKTG ED APPLIED 3	0.50
HCT3829	BUSINESS WRKSITE 1	0.50	HCT1192	MKTG ED APPLIED 4	0.50
HCT3830	BUSINESS WRKSITE 2	0.50	HCT3817	NATURAL RESOURCES WRKSITE 1	0.50
HCT3831	COMM TECH WRKSITE 1	0.50	HCT3818	NATURAL RESOURCES WRKSITE 2	0.50
HCT3832	COMM TECH WRKSITE 2	0.50	HCT3857	PRECISION WRKSITE 1	0.50
HCT3833	COMM/JOURNALISM WRKSITE 1	0.50	HCT3858	PRECISION WRKSITE 2	0.50
HCT3834	COMM/JOURNALISM WRKSITE 2	0.50	HCT3859	SECURITY WRKSITE 1	0.50
HCT3835	COMPUTER INFO SC WRKSITE 1	0.50	HCT3860	SECURITY WRKSITE 2	0.50
HCT3836	COMPUTER INFO SC WRKSITE 2	0.50	WCT4648	SKC COMM JOURNAL WRKSTE 1	0.50
HCT3837	CULINARY WRKSITE 1	0.50	WCT4649	SKC COMM JOURNAL WRKSTE 2	0.50
HCT3838	CULINARY WRKSITE 2	0.50	WCT4652	SKC COMP IT WRKSTE EXP 1	0.50
HCT3839	EDUCATION WRKSITE 1	0.50	WCT4653	SKC COMP IT WRKSTE EXP 2	0.50
HCT3840	EDUCATION WRKSITE 2	0.50	WCT4664	SKC CONST WRKSTE 1	0.50
HCT3807	ENGIN TECH WRKSTE 1	0.50	WCT4665	SKC CONST WRKSTE 2	0.50
HCT3808	ENGIN TECH WRKSTE 2	0.50	WCT4666	SKC CULINARY WRKSTE EXP 1	0.50
HCT3809	ENGINEERING WRKSTE 1	0.50	WCT4667	SKC CULINARY WRKSTE EXP 2	0.50
HCT3810	ENGINEERING WRKSTE 2	0.50	WCT4675	SKC HLTH SCI WRKSTE 1	0.50
HCT3843	FACSE WRKSITE 1	0.50	WCT4676	SKC HLTH SCI WRKSTE 2	0.50
HCT3844	FACSE WRKSITE 2	0.50	HCT5806	SKC HOSPITALITY WRKSTE 1	1.00
HCT3863	FINE ARTS WRKSITE 1	0.50	HCT5807	SKC HOSPITALITY WRKSTE 2	0.50
HCT3864	FINE ARTS WRKSITE 2	0.50	WCT4683	SKC MARITIME WRKSTE 1	0.50
HCT3811	GOV PUB ADM WRKSTE 1	0.50	WCT4684	SKC MARITIME WRKSTE 2	0.50
HCT3812	GOV PUB ADM WRKSTE 2	0.50	WCT4685	SKC PROTECT SERV WRKSTE 1	0.50
HCT3847	HEALTH SCI WRKSITE 1	0.50	WCT4686	SKC PROTECT SERV WRKSTE 2	0.50
HCT3848	HEALTH SCI WRKSITE 2	0.50	HCT1759	TECHNOLOGY ED WKSITE 1	0.50
HCT3849	HOSP WRKSITE 1	0.50	HCT1760	TECHNOLOGY ED WKSITE 2	0.50
HCT3850	HOSP WRKSITE 2	0.50	HCT3861	TRANS MOV WRKSITE 1	0.50
HCT3851	LEGAL PROFESSIONS WRKSITE 1	0.50	HCT3862	TRANS MOV WRKSITE 2	0.50

3. Technical Education Department

TECHNICAL EDUCATION COURSES

HCT7374 MARITIME I - SURVEY

Length/credit: 1st semester / .5 credit

Prerequisite: None

Credit type: CTE

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

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

HCT7375 MARITIME II - SKILLS

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

Prerequisite: Maritime I - Survey

Credit type: CTE

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

HCT2543, CFA2543 GRAPHIC DESIGN BEGINNING

Length/Credit: Semester, 0.5

Credit type: CTE, Fine Arts

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

HCT6890/6892 METAL 1/2

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

Prerequisite: Open to Grades 10 – 12

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

HCT7963 WOOD 1

Length/Credit: 1 semester/ .5 credit

This introductory class in Woodworking provides students with the opportunity to study many of the tools, materials, and processes common to working with wood and wood construction. The course curriculum combines technical instruction with hands-on shop experience. Students learn to operate tools and machines used in the trades and industry. Safety in all shop activities is emphasized.

HCT7964 WOOD ADVANCED

Length/Credit: 1 semester/ .5 credit

Credit Type: CTE, Tech Prep

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

HCT7181 MANUFACTURE TECH INTRO

Length/Credit: 1 semester/ .5 credit

Prerequisites: None

Other: Open to 9, 10, 11, 12

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

HCT1574/2313 INTRODUCTION TO ENGINEERING DESIGN 1/2

Length/Credit: Yearlong / 0.5 credit per semester

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

Grades: 9, 10, 11, 12

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

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

HCT1576/2311 PRINCIPLES OF ENGINEERING 1/2

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Introduction to Engineering Design 1/2

Grades: 10, 11, 12

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

HCT1577/2316 COMPUTER INTEGRATED MANUFACTURING 1

Length/Credit: Semester / 0.5 credit

Prerequisite: Introduction to Engineering Design 1/2

Grades: 10, 11, 12

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

techniques of analysis and make appropriate modifications before producing their prototypes. This is an adjunct course to Principles of Engineering of the Project Lead The Way Program

HCT1578/2314 ENGINEERING DESIGN AND DEVELOPMENT

Length/Credit: Yearlong / 0.5 credit per semester

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

Grade: 12

The final course of the Project Lead the Way (Pre-Engineering) Program is a course where students will work in teams of two to four to design and construct the solution to an engineering problem (original, taken from a database of problems, or a national challenge), applying the principles developed in the four preceding courses. Students will maintain a journal as part of a portfolio of their work. Each team will be responsible for delivering progress reports and making final presentations of their project to an outside review panel. The completed portfolio will be invaluable as students apply to college.

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

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

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

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

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

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

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

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

HCT/CFA 2464/2465 VIDEO SPECIAL PROJECTS

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

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

4. Family and Consumer Sciences Education Department

FAMILY & CONSUMER SCIENCES COURSES

HCT7027/7028 FOOD SCIENCE 1 & FOOD SCIENCE 2

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

Prerequisite: None—open to all grades

Food Science is a practical approach to science through the study of food. This is a one or two semester course that can be taken any semester. The course includes safety and sanitation, the scientific method, food preparation and evaluation, consumer information, and nutrition. Projects include community service and the development of leadership skills.

HCT5484 HUMAN DEVELOPMENT

Length/Credit: 1 semester/.5 occupational credit

Prerequisite: None—open to all grades

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

HCT2430 CHILD DEVELOPMENT/PARENTING – INTERNSHIP

Teaching assistant for special needs students

Length/Credit: 1 semester/.5 occupational credit

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

Other: Teacher permission

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

HCT2429 INDEPENDENT LIVING

Length/Credit: 1 semester/.5 occupational credit

Prerequisite: None – open to all grades

This class will prepare students to take care of themselves and others. The course includes goal setting, decision making, nutrition, meal preparation, clothing care and repair, relationships, finances, career exploration, and leadership opportunities.

HCT3324 APPAREL & TEXTILES 1

Length/Credit: 1 semester/.5 occupational credit

Prerequisite: None – open to all grades

This class helps students become better clothing consumers as well as learning valuable sewing techniques. The students will use sewing machines to make projects. Other activities include fashion drawing, studying fashion designers, career exploration, fabric recycling, and wardrobe planning. Students will need to provide fabric and other materials for most projects.

HCT3325 APPAREL & TEXTILES 2

Length/Credit: 1 semester/.5 occupational credit

Prerequisite: Successful completion of beginning course

Advanced students work on perfecting their skills and sewing techniques. Students will design and produce garments along with other advanced projects. Internships can be set up for more experience.

5. English Language Arts (ELA) Department

Integrated Honors/Core Classrooms: Because we believe that an inclusive, diverse class provides a better education for all students, our core and honors courses are integrated so that all students in English Language Arts will receive rigorous and challenging course work with appropriate differentiation to ensure their success and growth.

ENGLISH LANGUAGE ARTS COURSES

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

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

INTEGRATED HONORS & CORE

Length/Credit: Yearlong / 0.5 LA credit per semester

Prerequisite: Freshman standing

Other: This course is required for 9th graders

Introduction to Literature and Composition Honors and Core is an integrated yearlong course that concentrates on guided and critical reading of a diverse range 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, Night, and American Born Chinese. The writing emphasis is on narrative and expository writing, with a sustained introduction to argumentative writing.

The integrated honors component invites students to engage in more complex writing prompts and more rigorous reading selections.

HLA3093/3095 INTRO TO LIT COMP 9A/9B BIOTECH CORE

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

INTEGRATED HONORS & CORE BIOTECH

Length/Credit: Yearlong / 0.5 LA credit per semester

Prerequisite: Biotech Academy membership and freshman standing

Introduction to Literature and Composition Honors and Core is an integrated yearlong course that concentrates on guided and critical reading of a diverse range 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, Night, and American Born Chinese. The writing emphasis is on narrative and expository writing, with a sustained introduction to argumentative writing.

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

The integrated honors component invites students to engage in more complex writing prompts and more rigorous reading selections.

HLA3097/3099 WRLD LIT COMP 10A / 10B

HLA3098/3100 WRLD LIT COMP 10A / 10B HONORS OPT

INTEGRATED HONORS & CORE

Length/Credit: Yearlong Course / 0.5 LA credit per 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 diverse range of texts and genres. Major texts may include Burial at Thebes (Antigone in trans.), Persepolis, Othello, and Born a Crime as well as independently student selected books. Writing instruction focusses to on narrative mode, with an increasing emphasis on argumentative writing particularly as it relates to literary analysis.

This integrated honors course component supports students in addressing more complex writing prompts and more rigorous reading selections.

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

HLA3098/3100 WRLD LIT COMP 10A / 10B – BIOTECH HONORS OPT

INTEGRATED HONORS & CORE BIOTECH

Length/Credit: Yearlong / 0.5 LA credit per semester

Prerequisite: Biotech Academy Pathway & sophomore standing

World Literature and Composition is a yearlong course where students read international texts, including four selections from the Seattle Public Schools 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 diverse range of texts and genres. Major texts may include Burial at Thebes (Antigone in trans.), Persepolis, Othello, and Born a Crime. Writing instruction focusses to on narrative mode, with an increasing emphasis on argumentative writing particularly as it relates to literary analysis. The course supports integrated research and writing skills with the Chemistry component of the academy.

The integrated honors component invites students to engage in more complex writing prompts and more rigorous reading selections.

HLA3101/3103 AMER LIT COMP 11A / 11B
HLA3102/3104 AMER LIT COMP 11A / 11B HONORS

INTEGRATED HONORS & CORE

Length/Credit: Yearlong / 0.5 LA credit per 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. The class promotes an understanding of works in their social and historical context and to expose students to a variety of literary perspectives and traditions central to American Literature.

The integrated honors course is marked by more demanding writing prompts and supplemental readings and prepares students for the complexities they will face in college and career through a carefully constructed course of study. The integrated honors components invite self-directed students to examine historical and cultural influences on literature while also guiding them as critical readers and writers.

HLA2492/2493 AP ENG LANG COMP 1/2

Length/Credit: Yearlong / 0.5 LA credit per semester

Dual Credit: Students who take AP exams, which are administered annually in May, can earn college credit, depending on their score and the college they plan to attend.

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

HLA2492/2493 AP ENG LANG COMP – BIOTECH 1/2

Length/Credit: Yearlong / 0.5 LA credit per semester

Dual Credit: Students who take AP exams, which are administered annually in May, can earn college credit, depending on their score and the college they plan to attend.

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

HLA3123/3124 COMPAR LIT COMP 12A / 12B

Length/Credit: Yearlong / 0.5 LA credit per semester

Other: Required 12th grade course, will satisfy fourth year for college entrance

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, other post-secondary programs and life experiences. This class has a focus on the representation of self and the individual's identity and power in society. Major texts may include Hamlet, The Handmaid's Tale and The House of the Spirits.

HLA2494/2495 AP ENG LIT COMP 1 / 2

Length/Credit: Yearlong class/ 0.5 LA credit per semester

Dual Credit: Students who take AP exams, which are administered annually in May, can earn college credit, depending on their score and the college they plan to attend.

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

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

Length/Credit: Yearlong / 0.5 LA credit per semester

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

This yearlong course offers students an intensive writing class at the college level. Students will work closely with the instructor to develop a portfolio of writing that reflects 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. A textbook as well as the viewing of feature-length, critically acclaimed films serve 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 either 5 or 10 University of Washington credits and in doing so will meet the university's composition requirement. This course satisfies LA 12 requirements.

HLA0465 JOURNALISM WRITING

Length/Credit: Semester / 0.5 credit

Prerequisite: None

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

Introduction to journalism will introduce principles of journalism and focus primarily on improving writing. During the course, students will gain competence in journalistic writing (news, features, opinions) while exploring arts & entertainment and sports topics. In addition to increasing reading strategies, student press law and journalistic ethics, students will also practice photojournalism and basic print publication design. This course may also be used for language arts credit retrieval. Please see your counselor for details.

HCT7245/7246 **PUBLISH JOURNALISM 1/2**

Length/Credit: Yearlong / 0.5 credit per semester

Credit Type: CTE/Occupational Ed

Prerequisite: None

Other: This class may be repeated as an elective

Newspaper production combines journalistic writing with newspaper production, photography, advertising, budgeting, graphic design 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, print publication design, and general paper production.

HCT7285/7286 PUBLISHING YEARBOOK 1/2

Length/Credit: Yearlong / 0.5 credit per semester

Credit Type: CTE/Occupational Ed

Prerequisite: None

Other: This class may be repeated as an elective

Yearbook Production combines journalistic writing with print production, photography, advertising, budgeting, graphic design, general yearbook production, 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.

6. English Learners (EL) Department

ENGLISH LEARNERS COURSES

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

Length/Credit: Yearlong / 0.5 credit per semester

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

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

Length/Credit: Yearlong / 0.5 credit per semester

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

HLA5575/5576 ELD AMER LIT COMP 11 A/B

Length/Credit: Yearlong / 0.5 credit per semester

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

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

Length/Credit: Yearlong / 0.5 credit per semester

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

HSS2201/2202 ELD WORLD HISTORY 1/2 MULTILEVEL

Length/Credit: Yearlong / 0.5 credit per semester

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

HSS2203 ELD WORLD HISTORY 3 MULTILEVEL

Length/Credit: 1 semester/ .5 Credit

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

HSS2204/2205 ELD UNITED STATES HISTORY 11 A/B

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: World History 1, 2, and 3

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

HSS2206 ELD AMERICAN GOVERNMENT AND ECONOMICS

Length/Credit: 2nd semester/ .5 Credit

Prerequisite: ELD US History 11B

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

HLA2085/7988 ELD 3A/B ADJUNCT

Length/Credit: 1 semester/ .5 Credit

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

7. Health, Fitness & Physical Development Department

HEALTH, FITNESS & PHYSICAL DEVELOPMENT COURSES

HHE9006 **HEALTH**

HEALTH

Length/Credit: 1 semester/.5 credit

Other: 9th grade standing or grade 10-12 if unable to take during grade 9

The Health curriculum prepares students with the essential health knowledge needed to formulate sound decisions so they may enjoy a healthy and complete life span. Students will study units that are essential for a healthy lifestyle. Topics include Physical, Social, Emotional/Mental, & Intellectual categories of health education.

HPE2364 **SPORTS & FITNESS**

SPORTS & FITNESS

Length/Credit: 1 semester/ .5 credit

Other: Grades 9-12

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

HPE5526 **WEIGHT TRAINING/CONDITIONING**

WEIGHT TRAINING/CONDITIONING

Length/Credit: 1 semester/ .5 credit

Other: Grades 9 – 12

This course is designed for students desiring to develop and/or maintain a high level of fitness. Activities include learning to work with weight training equipment and other fitness apparatus, learning to follow a prescribed or developed workout routine appropriate for the individual's level of fitness and goals, charting progress by keeping records of routines and activities. In addition, activities incorporating speed, agility, footwork, endurance and core-body workouts.

HPE5522 TEAM SPORTS

TEAM SPORTS

Length/Credit: 1 semester/ .5 credit

Other: Grades 10 - 12

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

HPE9239 PE-M UNIFIED PE

PE-M UNIFIED PE

Length/Credit: 1 semester/ .5 credit

Other: Grades 9 – 12

This class is open to General Ed Students and Students w/disabilities. GenEd students will be partners and supports for students with disabilities in their modified physical education class (see HPE4099 Physical Education

Partner). All students will participate in individual and team sports, such as basketball, badminton, tennis, volleyball, flag football, indoor baseball and/or a variety of fitness related activities.

HPE4099 **Physical Education Partner**

Length/Credit: 1 semester/ .5 credit

Other: Grades 9-12

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

HPE5528 RACKET SPORTS

Length/Credit: 1 semester/.5 credit

Other: Grades 9 – 12

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

HPE5530 LIFETIME ACTIVITIES/YOGA

Length/Credit: 1 semester/ .5 credit

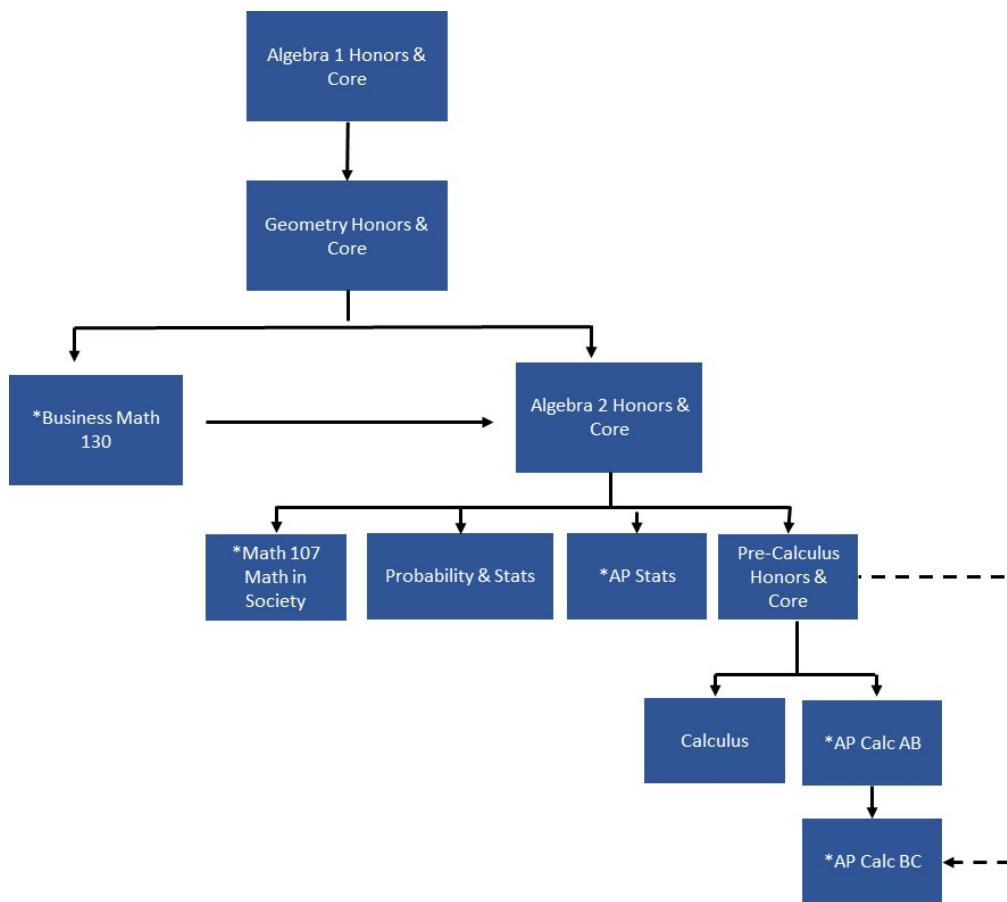
Other: Grades 9 – 12

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

8. Mathematics Department

MATHEMATICS COURSE PROGRESSION 2021-22

1. Students must earn 3 credits (6 semesters) of math credit regardless of where they begin.
2. Algebra 2 or Business Math 130 is the minimum level of completion for graduation.
3. Honors vs. Core: Algebra 1, Geometry and Algebra 2 are taught as blended courses with both honors and core students in the same class. Upper-level courses including Pre-Calculus, Calculus and Statistics are taught as stand-alone sections of core, honors or AP.
- - - - indicates teacher permission required. Most students choose to take AP Calc AB before AP Calc BC.



*Graduation Pathway Courses - BUS Math 130 and Math 107 are “College in High School” courses. Students may opt to pay for college credit while earning HS credit. Students who take and pass the course, regardless of whether they take it for Edmonds College credit, will fulfill their graduation pathway requirement for math. Earning a C+ or better or a 3 or better on the AP Exam in AP Stats, AP Calc AB or AP Calc BC also meets the graduation pathway math requirement.

Note on Mathematics courses: Algebra 1, Geometry and Algebra 2 are taught as blended courses with both honors and core students in the same class. Upper level courses including Pre-Calculus, Calculus and Statistics are taught as stand-alone sections of core, honors or AP.

Honors courses develop more depth and breadth of material than the regular courses. Students are expected to have a deeper understanding of the course material. Assessments are differentiated between honors and core. Additional projects may be assigned.

MATHEMATICS COURSES

HMA2684/2686 ALGEBRA 1A / 1B

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisites: Math 8

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

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

HMA2685/2687 ALGEBRA 1A / 1B HONORS

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisites: Math 8

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

HMA2381/2382 ALGEBRA 1A / 1B WITH LAB

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

Other: This is a two-period block

Prerequisites: Math 8

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

HMA2692/2694 GEOMETRY A/B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Algebra 1

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

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

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

HMA2693/2695 GEOMETRY A/B BIOTECH

Length/Credit: yearlong 0.5 credit per semester

Prerequisite: Biotech Academy Pathway

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

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

HMA2693/2695 GEOMETRY A/B HONORS

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

HMA3733/3738 GEOMETRY A/B – M

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

HMA2688/2690 ALGEBRA 2A/2B

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Algebra 1

Note: Algebra 2 may be taken concurrently with Geometry.

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

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

HMA2688/2690 ALGEBRA 2A/2B BIOTECH

Length/Credit: Yearlong course/ 0.5 credit per semester

Prerequisite: Biotech Academy Pathway, Algebra 1 & Geometry

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

HMA2689/2691 ALGEBRA 2A/2B HONORS

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Algebra 1

Note: Algebra 2 may be taken concurrently with Geometry

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

HMA2706/2707 ALGEBRA 2A/2B – M

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

HMA2696/2698 PRE-CALCULUS A/B

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: 1.0 Geometry credit & 1.0 Algebra 2 credit

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

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

HMA2697/2699 PRE-CALCULUS A/B HONORS

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: 1.0 Geometry credit & 1.0 Algebra 2 credit

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

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

HMA3322/3323 CALCULUS A/B

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Pre-Calculus B

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

HMA1929/1932 AP CALCULUS AB A/B

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Pre-Calculus B

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

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

HMA1938/1939 AP CALCULUS BC A/B

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Pre-Calculus B

Recommendation: Successful completion of AP Calculus AB

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

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

HMA3866/3867 BUS 130 BUSINESS MATH A/B⁷

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisites: Algebra 1 & Geometry

Dual Credit: CIHS via Edmonds College

Other: Open to 10th – 12th grades

This course is a two-semester course equivalent to a one-quarter Business Mathematics college course. Students are eligible to earn 5.0 college credit after completing both semesters of this course (tuition fees apply). The course includes instruction and review of basic math functions to prepare students for business classes. Topics may include using ratio-proportion, percents, estimating, basic algebra, trade/cash discounts, promissory notes, credit terms, and other consumer related activities. Although this course does not fulfill the math requirement for four-year degrees, it does fulfill the math requirement for many two-year Associate in Technical Arts (ATA) degrees. Including Accounting, Business Information Technology, Business Management, Construction Management, Culinary Arts, Horticulture, Hospitality and Tourism, Medical Information Technology, and others.

HMA369/3870 MAT 107 MATH IN SOC A/B⁸

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Algebra 2

Dual Credit: CHIS - Edmonds College

Other: Open to grades 10th-12th

Mathematics in Society is a two-semester course equivalent to a one-quarter college course. Students are eligible to earn 5.0 college credit after completing both semesters of this course (tuition fees apply). This course introduces math topics used in a variety of liberal arts disciplines, such as mathematical modeling, representational statistics, probability, and finance math. Completion of this course with a D or higher fulfills the math graduation pathway requirement.

⁷ New course at Ballard HS for 2021-22

⁸ New course at Ballard HS for 2021-22

HMA1763/1764 PROBABILITY AND STATISTICS A/B

Length/Credit: Yearlong/ 0.5 credit each semester

Prerequisite: Algebra 2B

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

HMA2530/2531 AP STATISTICS A/B

Length/Credit: Yearlong/ .5 credit per semester

Prerequisite: Successful completion of Algebra 2

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

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

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

HUE9620 MATH PEER TUTOR

Length/Credit: Semester/ .5 elective credit

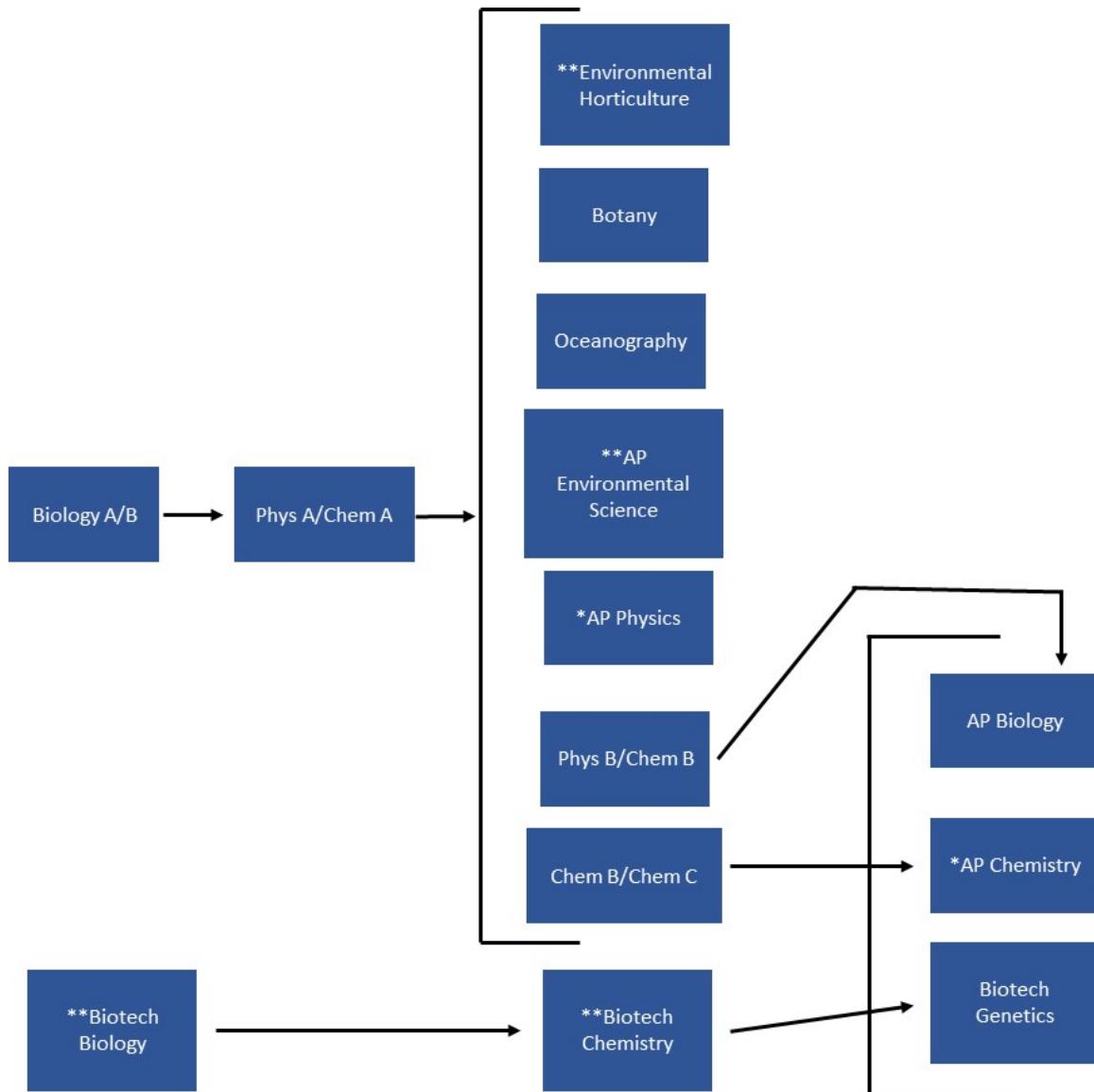
Prerequisites: Algebra 2 and Teacher Recommendation

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

Continued next page...

9. Science Department

SCIENCE COURSE PROGRESSION 2021-22



Notes:

1. All 9th graders (except HCC or Biotech Academy students) will be enrolled in Biology A/B
2. Biotech Biology & Biotech Chemistry are for Biotech Academy students only. Biotech Genetics is available to non-Academy students on a space-available basis if they have completed ChemB/Chem C
3. Phys B/Chem B does not fulfill the prerequisite requirement for AP Chem or Biotech Genetics. Students must complete Chem B/Chem C or Biotech Chem in order to register for AP Chem or Biotech Genetics

*Recommended to have completed Algebra 2a/2b before taking this course

** Counts as a science or a CTE course

SCIENCE COURSES

HSC1258/1259 **BIOLOGY A/B**

Length/Credit: Yearlong / 0.5 credit per semester

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

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

CSC4091/4092 BIO TECH BIO 1 / 2

Length/Credit: Yearlong course/ 0.5 credit per semester

Prerequisite: Acceptance into Biotech Academy

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

HSC 3112/HSC3111 PHYS A / CHEM A

Length/Credit: Yearlong/0.5 credit per semester

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

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

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites: Phys A/Chem A

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

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

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

HSC3211/HSC3212 CHEM B / CHEM C

Length/Credit: Yearlong

Prerequisites: Chem A/Phy A

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

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

CSC4093/4094 BIO TECH CHEMISTRY B/C

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites: Successful completion of Biology 1/2

Recommendations: Successful completion of Geometry

Other: Bio Tech Academy Pathway

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

HSC3002 ENVIRONMENTAL HORTICULTURE 1/2 (YEAR LONG OR SEMESTER)

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

Prerequisites: None

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

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

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

HSC3157/3257 BOTANY 1/2

Length/Credit: Yearlong / 0.5 credit per semester

Other: Open to 10, 11, 12 grades

Prerequisite/Recommendations: Successful completion of Biology A/B and Phys A/Chem A

In this yearlong lab science course, students will attain basic skills and knowledge necessary to better understand the plant kingdom and plant systems and functions through patterns of scientific thinking. Aligned to the NGSS standards students will investigate botanical diversity, anatomy, morphology, evolution, plant development, biochemistry, climate change, and engineering practices to further their understanding of the complexity and importance of the plant kingdom on earth. Participation in experimental design, indoor and outdoor laboratory investigations, and independent research on plant topics will be included in the course. Guest speakers and experts in the field from local greenhouses, nurseries, and environmental organizations will consult and assist students.

HSC3740/3741 AP PHYSICS 1A/1B

Length/Credit Yearlong/.5 credit per semester

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

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

HCT4553/4554 OCEANOGRAPHY

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite/Recommendations: Successful completion of Biology A/B and Phy A/Chem A

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

CSC4095/4096 GENETICS 1 / 2 – BIOTECH

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite/Recommendations: Successful completion of Biology A/B and & Chemistry B/C

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

HSC3718/3719 ECOLOGY

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

Other: Instructor Permission

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

HSC0451/0452 AP ENVIRONMENTAL SCIENCE 1 & 2

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite/Recommendations: Successful completion of Biology A/B and Phy A/Chem A

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

HSC3012/3148 AP BIOLOGY 1/2

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Successful completion of Biology A/B, PhyA/Chem A, and Phy B/Chem B or Chemistry B/C

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

HSC3011 AP CHEMISTRY 1/2

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: Successful completion of Biology 1/2 or Biology A/B & Chemistry B/C

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

10. Social Studies Department

Note on Social Studies Honors Courses: Honors courses develop more depth and breadth of material than the regular courses. Students are expected to have a deeper understanding of the course material. Assessments are differentiated between honors and core. Additional projects may be assigned.

SEQUENCE OF COURSES:

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

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

One semester of World History 3 – 10th Grade

Two semesters of United States History – 11th Grade
One semester of American Government – 12th Grade

SOCIAL STUDIES COURSES

HSS1444 **ANTIRACISM CIVIC ENGAGEMENT⁹**

Length/Credit: 1 semester / 0.5 credit

Prerequisites: none

Credit Type: Elective

Other: Open to grades 9-12

Antiracism and Civic Engagement is a semester-long class that prepares students to think critically about racism – at the individual, collective, and systemic level – in our schools, in our community, and in our country. Through reading, discussing, and writing about a wide variety of texts in multimedia formats and featuring BIPOC voices, students are taught to view their own purpose in their school, community, and country through an antiracist lens. This course is action oriented. Students are expected to turn their learning into civic engagement that is antiracist in nature and that will create meaningful long-term systemic change in our school and in our community.

HSS5852 **WORLD HISTORY 1**

HSS1282 **WORLD HISTORY 1 HONORS OPTION**

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

This survey course provides students with the foundational content and skills to study history and the social sciences at the high school level. Students will develop greater understanding of the evolution of global processes and contacts between about 8,000 BCE to 1450 CE, through the study of different types of human societies. WH 1 builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Students may take the course with honors.

HSS5853 **WORLD HISTORY 2** (taken in sequence after World 1)

HSS1283 WORLD HISTORY 2 HONORS OPTION

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

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

HSS5854 **WORLD HISTORY 3** (taken in sequence after World 2)

HSS1121 **WORLD HISTORY 3 HONORS OPTION**

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

⁹ New Course at Ballard HS for 2021-22

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

HSS0568/0569 ADVANCED PLACEMENT WORLD HISTORY: MODERN

Length/Credit: Yearlong/.5 credit each semester

This full-year college level survey course highlights the nature of changes in global processes and their causes and consequences, as well as comparisons among different types of human societies. It emphasizes selective relevant factual knowledge, writing analytic essays, and skills in analyzing types of historical evidence. This course is approved by the College Board for AP designation on student transcripts. The course prepares students for the College Board Advanced Placement exam.

Length/Credit: Yearlong / 0.5 credit per semester

Prerequisite: 11th grade

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

HSS1211/1213 ADVANCED PLACEMENT UNITED STATES HISTORY

Length/Credit: Yearlong / 0.5 credit per semester

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

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

HSS1742 **AMERICAN GOVERNMENT**

Length/Credit: 1 semester/ .5 credit

Prerequisite: 12th grade

This course introduces students to issues in American government and politics, including the historical and philosophical basis for democracy. Topics include civil rights and civil liberties, political parties, the role of media

in national life and the debate over federal versus state power. Students will be asked to demonstrate skills in reading/writing, research, discussion, debate, mock trial, and simulation in this class. Students are required to complete the OSPI designed Civics classroom-based assessment, CBA.

HSS0487 ADVANCED PLACEMENT AMERICAN GOVERNMENT

Length/Credit: Yearlong / 0.5 credit per semester

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

This **full-year** college level survey course is an intensive study of the formal and informal institutions of government and the processes of the American political system. Students completing this course will recognize the complexity of the political world in which we live and will be able to analyze and engage in that world by applying their skills and knowledge to shape the political policies they hope to see realized. This course is approved by the College Board for AP designation on student transcripts. The course prepares students for the College Board Advanced Placement exam. They are expected to take the AP exam in May, but that exam is not part of the course's grade. Students **are** required to complete the OSPI designed Civics classroom-based assessment, CBA.

HSS4123/4124 BLK STUDIES US HIST¹⁰ 11A / 11B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites:

Credit Type: SS, counts for US Hist 11 A/B

Other: Zero/7th Period Course hosted by District to all SPS HS students regardless of attendance school

Black Studies will focus on the Black and African American experience from a national and global perspective. This includes, but is not limited to African History, American History, Critical Race Theory, American Enslavement, Black/African American-led social movement, Black/African American social autonomy and economic development, Black/African American Innovation, and Black/African American leadership nationally and globally.

11. Special Education Department

SPECIAL EDUCATION COURSES & SERVICES

HUE4191 HIGH SCHOOL STUDY SKILLS

Length/Credit: 0.5 credit per semester

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

¹⁰ New Course offered by district to all SPS HS students, regardless of attendance school.

Ballard High School 2021-22 Course Catalog

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

HLA9301/9302 LA 9A-M AND 9B-M

Length/Credit: 2 semesters/ 0.5 credit per semester

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

HLA9303/9304 LA 10 A/B M

Length/Credit: 2 semesters/ 0.5 credit per semester

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

HLA9305/9306 LA 11 A/B M

Length/Credit: 2 semesters/ 0.5 credit per semester

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

HLA9307 LA 12 M A/B M

Length/Credit: 2 semesters/ 0.5 credit per semester

Prerequisite: Senior status

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

HLA9223 READ BASIC

Length/Credit: 2 Semesters/ .5 credit

Ballard High School's Read Basic class is an intensive developmental support reading class designed to help students with an IEP develop and apply skills and knowledge in reading fluency and written language for

grammar and conventions. This particular reading class is for students who have difficulties in one or more of the following areas: phonological processing of awareness and memory, orthographical processing, and rapid automatic naming. The course includes reading instruction in phonological awareness and the alphabet, phonics, fluency, and vocabulary and instruction in written language in grammar, conventions and primarily spelling using evidence-based programs such as Wired for Reading, and other evidence-based practices and strategies.

HMA1963/1964 BASIC MATH I A/B M

Length/Credit: 2 semesters/ 0.5 credit per semester

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

HMA1966/1967 BASIC MATH 2 A/B M

Length/Credit: 2 semesters/ 0.5 credit per semester

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

HMA2704/2705 ALGEBRA 1A/B-M

Length/Credit: 2 semesters/ 0.5 credit per semester

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

HPE9239 PE-M UNIFIED PE

Length/Credit: 1 semester/ .5 credit

Other: Grades 9 – 12

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

HSS9337/9327 WORLD HISTORY 1/2 M

Length/Credit: 2 semesters/ 0.5 credit per semester

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

HSS9328 WORLD HISTORY 3 M

Length/Credit: 1 semester/ .5 credit

Prerequisite: World History 1 and 2

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

HSS9341/9335 US HISTORY 11 A M/B M

Length/Credit: 2 semesters/ - 0.5 credit per semester

Prerequisite: Junior status

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

HSS9342 AMERICAN GOVERNMENT AND ECONOMICS M

Length/Credit: 1 semester/ .5 credit

Prerequisite: Senior Status

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

HLA2305/2306 ACADEMIC READING 1A/1B

Length/Credit: Semester long course/ .5 credit

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

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

VOCATIONAL PLACEMENT

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

XIP: EXPLORATION INTERNSHIP PROGRAM

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

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

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

TRANSITION SUCCESS

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

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

12. Visual & Performing Arts Department

Media Arts – Music - Theatre, & Visual Arts

MEDIA ARTS COURSES

HCT2543, CFA2543 GRAPHIC DESIGN BEGINNING (FORMERLY GRAPHIC ARTS I)

Length/Credit: Semester, 0.5

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

HCT2536, CFA2536 PHOTOGRAPHY BEGINNING

Length/Credit: Semester, 0.5

Fee: \$50 per semester

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

HCT2537, CFA2537 PHOTOGRAPHY ADVANCED

Length/Credit: Semester, 0.5

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

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

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

Length/Credit: Year-long, 1.0

Credit Type: College credit available via AP Testing

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

HCT/CFA2452, 2453 VIDEO BEGINNING A & B (FORMERLY VIDEO PRODUCTION 1 / 2)

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

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

HCT/CFA2454, 2455 VIDEO ADVANCED A & B (FORMERLY VIDEO PRODUCTION 2 / 3)

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

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

HCT/CFA2464, 2465 VIDEO SPECIAL PROJECTS (FORMERLY VIDEO PRODUCTION 3 / 4)

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

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

MUSIC COURSES

HFA/CCT7948, 7949 CONCERT ORCHESTRA A & B

Length/Credit: Year-long, 1.0

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

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

* Typically, BHS Orchestra is composed of string instruments w/o winds, brass, or percussion (aka: Band), however, Band & Orchestra & Choir classes collaborate on projects with each other throughout the year.

HFA/CCT8112, 8113 SYMPHONY ORCHESTRA A & B

Length/Credit: Year-long, 1.0

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

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

* Typically, BHS Orchestra is composed of string instruments w/o winds, brass, or percussion (aka: Band), however, Band & Orchestra & Choir classes collaborate on projects with each other throughout the year.

HFA/CCT7942, 7943 CHAMBER ORCHESTRA A & B

Length/Credit: Year-long, 1.0

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

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

HFA8116/8117 TREBLE CHOIR A & B

Length/Credit: Semester, 0.5

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

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

HFA/CCT7946,7947 CONCERT CHOIR A & B

Length/Credit: Year-long, 1.0

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

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

HFA/CCT7944, 7945 CHORALE A & B

Length/Credit: Year-long, 1.0

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

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

HFA/CCT8118, 8119 VOCAL JAZZ A & B

Length/Credit: Year-long, 1.0

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

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

HFA7978/7979 CONCERT BAND A & B

Length/Credit: Year-long, 1.0

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

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

HFA/CCT8110, 8111 SYMPHONIC BAND A & B

Length/Credit: Year-long, 1.0

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

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

HFA/CCT8120, 8121 WIND ENSEMBLE A & B

Length/Credit: Year-long, 1.0

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

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

HFA/CCT8096, 8097 JAZZ BAND A & B

Length/Credit: Year-long, 1.0

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

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

HFA/CCT8098, 8099 JAZZ BAND ADVANCED A & B

Length/Credit: Year-long, 1.0

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

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

HFA8102/8103 PERCUSSION ENSEMBLE A & B

Length/Credit: Year-long, 1.0

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

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

HFA/CCT8104, 8105 PERCUSSION ENSEMBLE ADVANCED A & B

Length/Credit: Year-long, 1.0

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

Students in this year-long performing ensemble course learn advanced skills and technique on pitched and non-pitched instruments. Students participate in performances and activities during or outside the normal school day, including participation in festivals and trips. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

HFA7958 GUITAR LAB 1

Length/Credit: Semester, 0.5

Course Code(s): HFA7958

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

HFA7940/7941 AP MUSIC THEORY A & B

Length/Credit: Year-long, 1.0

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

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

THEATRE COURSES

HFA7872 THEATRE BEGINNING

Length/Credit: Semester, 0.5

Course Code(s): HFA7872

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

HFA7874 THEATRE ADVANCED

Length/Credit: Semester, 0.5

Course Code(s): HFA7874

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

HFA/CCT7880 THEATRE PLAY PRODUCTION

Length/Credit: Semester, 0.5

Course Code(s): HFA7880, CCT7880

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

HCT/CFA2615, HFA7936 TECHNICAL THEATRE BEGINNING

Length/Credit: Semester, 0.5

Course Code(s): HCT2615, CFA2615, HFA7936

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

HCT/CFA2616, HFA7937 TECHNICAL THEATRE ADVANCED

Length/Credit: Semester, 0.5

Course Code(s): HCT2616, CFA2616, HFA7937

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

VISUAL ARTS COURSES

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

HFA8059 ART SURVEY

Length/Credit: Semester, 0.5

Fee: \$20

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

HFA8126 CERAMICS BEGINNING

Length/Credit: Semester, 0.5

Fee: \$15 per semester

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

HFA/CCT8127 CERAMICS ADVANCED

Length/Credit: Semester, 0.5

Fee: \$20 per semester

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

HFA8128 DRAWING AND PAINTING BEGINNING

Length/Credit: Semester, 0.5

Fee: \$20 per semester

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

HFA8129, CCT8129 **DRAWING AND PAINTING ADVANCED**

Length/Credit: Semester, 0.5

Course Code(s): HFA8129, CCT8129

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

HFA8132/8133 AP ART AND DESIGN A & B

Length/Credit: Year-long, 1.0

Fee: \$60 per year

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

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

13. World Languages Department

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

FRENCH LANGUAGE COURSES

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

Length/Credit: Yearlong/0.5 credit per semester

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

Fees: Workbook approx. \$20.00

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

HWL3522/3523 FRENCH 2A/2B

Length/Credit: Yearlong/0.5 credit per 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 IA, IB. The language skills of speaking, reading, writing and understanding the French language as well as learning about the French and Francophone countries cultures are continued.

HWL7676/7677 FRENCH 103 3A/3B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: French 2B/open to all grades

Dual Credit: CIHS UW see: uwhs.uw.edu

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

Fees: Elective UW credit

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

HWL3530/3531 FRENCH 4¹¹ A/B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites: French 3B

Carry on extended conversations, express and defend opinions on meaningful issues related to the Francophone world. Write essays. Read newspapers, magazines, stories, and watch TV broadcasts on a variety of topics all in French!

HWL3534/3535 AP FRENCH LANGUAGE AND CULTURE

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: French 3B or equivalent skills

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

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

¹¹ New course for 2021-22

HWL3538 FRENCH INDEPENDENT STUDY

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Passing AP French Language and/or teacher approval

Fees: TBD

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

JAPANESE LANGUAGE COURSES

HWL1275/1276 JAPANESE 1A/1B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Open to all grades

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

Fees: TBD

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

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

HWL3541/3542 JAPANESE 2A/2B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites: Successful completion of Japanese 1A, 1B

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

Fees: TBD

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

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

HWL7693/7694 JAPANESE 113 3A/3B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites: Successful completion of Japanese 2A, 2B

Dual Credit: CIHS UW see: uwhs.uw.edu

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

Fees: \$15 for class fee

Third year Japanese focuses on developing proficiency in writing and communication in Japanese. Reading for comprehension is stressed. In writing, sentence structures are emphasized. In oral work, casual conversations are practiced. Vocabulary is an expansion of previously learned topics. **University of Washington 113 credit available for additional fee. Please note: As of this publication date, the Washington state legislature has determined that only 10th, 11th, and 12th grade students may purchase CIHS UW credit. 9th grade students are**

welcomed to take CIHS courses, but they must be aware that they will not be allowed to purchase UW credit for these courses.

HWL3549/3550 JAPANESE 4A/4B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisites: Successful completion of Japanese 3A/3B

Dual Credit: CIHS UW see: uwhs.uw.edu

Fees: \$15 for class fee,

Students are expanding their skills of listening, speaking, reading, and writing with more emphasis on oral communication. Further understanding of Japanese society and culture, and students will be introduced to honorific and humble form to be appropriate in Japanese society. Some of the students are invited into Japanese Honor Society. Students interested in taking the AP Japanese test in May will be guided by the teacher.

University of Washington 113/211 credit available for additional fee. Please note: As of this publication date, the Washington state legislature has determined that only 10th, 11th, and 12th grade students may purchase CIHS UW credit. 9th grade students are welcomed to take CIHS courses, but they must be aware that they will not be allowed to purchase UW credit for these courses.

HWL3557 JAPANESE INDEPENDENT STUDY

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Successful completion of Japanese 4A/4B

Fees: TBD

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

SPANISH LANGUAGE COURSES

HWL1279/1280 SPANISH 1A/1B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Open to all grades

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

Fees: Class fees for online materials: approximately \$20

Text: Senderos: Level 1

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

HWL3560/3561 SPANISH 2A/2B

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Successful completion of Spanish 1B or equivalent skills

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

Fees: Class fees for online materials: approximately \$20

Text: Senderos Level 2

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

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Successful completion of Spanish 2B or equivalent skills

Dual Credit: CIHS Edmonds College

Other: Must be passing at semester to continue to 3B; Elective Edmonds College credit

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

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

Length/Credit: Yearlong/0.5 credit per 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

Text: Imagina

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 our Spanish 4 textbook *Imagina*, a few wonderful short novels, newspaper magazine articles, films, music and other multimedia sources. Upon completion of this course students should be prepared to take the Advanced Placement or continue into a 200-level college course.

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

Length/Credit: Yearlong/0.5 credit per semester

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

Other: Open to 10th, 11th and 12th grade

Fees: Workbook approx. \$40 (optional), AP Exam Fee TBA

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

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

Length/Credit: Yearlong/0.5 credit per semester

Prerequisite: Successful completion of Spanish 5B (AP Language and Culture) or equivalent skills

Other: Must be passing at semester to continue to 6B; Elective credit

Fees: AP Exam Fee TBA

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

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

14. Other Courses

ORIENTATION COURSE

HUE0341 FOCUS

Length/Credit: Semester/0.5 credit

Prerequisites: none

Other: Open to 9-12, Counselor Recommendation

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

STUDENT ASSISTANT COURSES - TA

IMPORTANT: Students may take only one TA position per semester. Such credits may not exceed a total of 2.0 credits. Teacher Assistant positions earn 0.25 credit and a P/N grade. Office Assistant positions earn 0.50 credit and a P/N grade. Please be aware that TA positions can negatively impact athletic eligibility, Valedictorian/Salutatorian standing, and PE Waiver availability, so students are advised to consider this decision carefully before deciding to take a TA position.

HUE1223 LAB ASSISTANT

Length/Credit: semester/0.5 credit

Prerequisites: none

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

Student assistants perform a valuable service within the schools in assisting teachers and administrative staff. They are also called TAs. Skills acquired by students often prove to be extremely useful in the job market. It is

hoped that establishing good work patterns such as dependability, following directions, completing the task, and working well with others will help the student in making the transition from the school to the community

HUE9492 OFFICE ASSISTANT

Length/Credit: semester/0.5 credit

Prerequisites: none

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

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

HUE9506 **TEACHER'S ASSISTANT**

Length/Credit: semester/0.25 credit

Prerequisites: none

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

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

PLACEHOLDER COURSES – NON-CREDIT

Placeholder courses are used for scheduling or administrative purposes only. They are non-instructional, non-graded, do not earn credit and do not post to the Official High School Transcript. They appear on the Student Schedule and on the Source to support students and families. Contact the Counseling Center, the Registrar, or your Counselor if you have questions about a placeholder course.

HNA1591	EARLY DISMISSAL
HNA1593	LATE ARRIVAL
HNA1603	CITY CAMPUS
HNA1604	RUNNING START
HNA4180	PROGRAM SUPPORT - LIBRARY
HNA5705	SKILLS CENTER
HNA5890	ONLINE COURSES
HNA9183	SCHOOL COUNSELOR HS
HNA3735	SUPPORT HS M (case manager for special education services)

WIAA SPORTS PLACEHOLDERS

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

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

BHS ATHLETIC CLUB SPORTS PLACEHOLDERS - OPTIONAL

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

HNA4952	LACROSSE BOYS
HNA4953	LACROSSE GIRLS
HNA4954	ULTIMATE FRISBEE BOYS
HNA4955	ULTIMATE FRISBEE GIRL