

Port Angeles High School



Home of the Roughriders

**Program of Studies
2018-2019**

March 2018

Table of Contents

<u>Principal's Message</u>	3
<u>Advisory Teachers</u>	3
<u>Career Planning</u>	3
<u>Counselors</u>	3
<u>Friends</u>	3
<u>Parents</u>	3
<u>Department Chairpersons</u>	4
<u>General Information</u>	5-6
<u>Appropriate Tests</u>	11
<u>Athletic Eligibility</u>	12
<u>Guidance and Counseling Department</u>	12
<u>College Academic Distribution Requirements (CADR)</u>	14
<u>Running Start</u>	15
<u>Four Year Plan Suggested Courses for Completion of Diploma</u>	16
<u>Honors Programs</u>	17-18
<u>Scholarships</u>	18
<u>Art Courses</u>	19-22
Art Honors Courses.....	20
<u>Business and Marketing Education</u>	22-27
<u>English</u>	28-29
<u>English Honors</u>	29
<u>Electives</u>	30
<u>Production Courses</u>	31
<u>Industrial Technology and Trades</u>	32-35
<u>Mathematics</u>	35-38
<u>Math Elective Courses</u>	38
<u>Music</u>	39-41
<u>NJROTC</u>	42-43
<u>Physical Education</u>	43-44
<u>Science</u>	45-47
<u>Social Sciences</u>	48-49
<u>Special Services</u>	49-51
<u>World Languages</u>	51-54
<u>Other Course Offerings</u>	50-51
<u>2018-2019 Course Offerings</u>	55-59

Nondiscrimination Policy

Port Angeles School District provides equal access to all programs and services without discrimination based on sex, race, creed, religion, color, national origin, age, honorably discharged veteran or military status, sexual orientation including gender expression or identity, the presence of any sensory, mental or physical disability, or the use of a trained dog guide or service animal by a person with a disability. Questions and complaints of alleged discrimination should be directed to:

Equity and Civil Rights Director

Lynn Romero

216 East 4th St.

Port Angeles, WA 98362

360.565.3745

Principal's Message

Welcome to Port Angeles High School. You are now part of a vigorous, progressive learning community dedicated to helping you grow and attain the highest possible level of academic achievement. As a proud Port Angeles Roughrider, your achievement will result from hard work, good instruction, and support from home and school. Your part in this partnership, the dedication to be the best you can be in your pursuit of excellence, is the central ingredient in academic success. We are committed to providing you with a top quality education and we are committed to supporting you and encouraging you. We hope you will rise to the occasion, meet the challenge, do your very best, and have an extremely successful and satisfying educational experience here at Port Angeles High School.

Advisory Teachers:

Advisory teachers can help examine your achievement and potential in different subject areas. They can describe various courses in depth, so you can decide on the path you want to pursue and they also provide academic support. Advisory teachers host parent conferences in the fall and assist in the registration process in the spring.

Career Planning:

Your advisory teacher can help you make career choices based upon your interests, skills and achievements. At Port Angeles High School we use the WOIS career information system which has information on thousands of occupations, career training programs and schools. Students can take online career assessments and interest profilers to help them identify and plan for their chosen career field.

Counselors:

Your counselors can help you navigate the challenges of high school as well as help with college career plans. We have information on testing (PSAT, SAT, and ACT), scholarships, tutoring, Advanced Placement and honors classes, Running Start, Special Education services, the college application process, financial aid and much more. Sign up to see your counselor if you have questions or to discuss plans for your future. Students are assigned to their counselor by grade level.

Friends:

Your friends, like your parents, can help you identify your strengths, skills, and interests. Talk to someone a grade or two ahead of you about what they might do differently if they had it to do over again.

Parents:

Your parents can help you plan your future and discuss how to pay for whatever schooling you choose.

College Success Foundation runs two programs at the high school.

HERO program for 9th and 10th grade:

The HERO program has three goals: To ensure students possess good academic behaviors that lead to strong performance in school, to support students' development of academic mindsets so there is the belief that college is possible, and to equip students with the skills and knowledge to become college ready. This is done through regular meetings, college visits and workshops, and regular contact with the HERO advisor based in the school.

Achievers Scholars program for 11th and 12th grade:

The Achievers Scholars program has three goals: Identification and reduction of barriers to college for low income, underserved students, direct service to students to support successful navigation of the college admissions process, and the development of a diverse cadre of college educated citizens and leaders in Washington State. This is accomplished through academic and college planning with the College Success Foundation College Prep Advisor, college visits, and regular meetings.

Enrollment for these programs is open in the fall of every school year.

Department Chairpersons:

The chairpersons of our different departments can help you with any questions about department requirements and exceptions to department policies. If you attempt to drop a class after 10 days into a semester, you will need the permission of the appropriate department chairperson.

Business and MarketingMs. Joslin
ljoslin@portangelesschools.org

English.....Mr. Keith Johnson
kjohnson@portangelesschools.org

Guidance Department.....Mr. Gooding
jgooding@portangelesschools.org

Industrial Technology and TradesMr. Branham
tbranham@portangelesschools.org

Library Information Services..... Ms. MacDonald
smacdonald@portangelesschools.org

Math..... Ms. Jackson
cjackson@portangelesschools.org

Music / Art..... Mr. Gailey
dgailey@portangelesschools.org

NJROTC..... Captain Picker
jpicker@portangelesschools.org

Physical Education and Health.....Ms. Armstrong
darmstrong@portangelesschools.org

Science.....Mr. Derek Johnson
dejohnson@portangelesschools.org

Social Studies.....Mr. Moseley
smoseley@portangelesschools.org

Special Services.....Mr. Roos
troos@portangelesschools.org

World Languages.....Ms. Tiemersma
dtiemersma@portangelesschools.org

General Information

Semester:

Grades will be issued at *six-week intervals* (triads) throughout the year. All semester grades will be mailed home. You and your parents can also track your grades online, on Skyward.

Credits:

Your classification will be determined by the number of high school credits successfully earned by the end of each year.

Sophomore	6.0 credits at the end of Freshman year
Junior	12.0 credits at the end of Sophomore year
Senior	17.5 credits at the end of Junior year

Those students who are short credits should work with their counselor to consider Lincoln High School, credit recovery, or other options.

It should be no surprise that students who attend school regularly are the most successful. One reason is that much learning results from demonstrations, lectures, activities, and discussions that take place during class time. As a result, students with poor attendance often struggle.

Class Day:

School begins at 7:45 a.m. and ends at 2:35 p.m. On Wednesday school begins at 9:20 a.m. due to late start. For schedule changes visit the PAHS website at www.portangelesschools.org.

Class Schedule:

All students must schedule seven classes each semester. Only juniors and seniors may sign up to be a teacher's assistant. You may only be a teacher's assistant once per semester, and you must have permission from that staff member. Students requesting fewer than seven (7) classes must have the permission of their parent/guardian, counselor and the school administration.

Choosing Classes:

Students and parents are to use this Program of Studies to select classes that will be the most beneficial to the individual student. The course listings also include any prerequisites, monetary course fees, vocational credit, etc.

Changing Classes:

Schedule changes will be approved only when a student is misplaced or there is a staff recommendation. Students are expected to remain in the classes assigned during registration. Students who withdraw from class after the tenth day will receive a failing grade in the class, unless special circumstances are approved. This means that an "F" will be on the student's transcript for that course and will be included in the student's grade point averages. Important note about PE waivers: If at any time the student has less than a full schedule or is a TA (for the office or a teacher), this waiver becomes invalid.

Guidelines Regarding Special Circumstances			
Time Period	Reason for Change	Authorization Required	Transcript Notation (semester grade)
On or before the 3 rd day of the semester	Student requests a different course	Counselor	None
After first 10 days of semester and up until the last day of the 1 st triad	Student requests a different course	Principal, Asst. Principal (may require a conference with student, parent and teacher.)	"W" (no credit and no effect on GPA) if passing course OR "F" if failing grades
Only during the first triad	Student requests a change in academic course level. e.g English 9 Honors to English 9	Parent, Principal, Classroom Teacher, Department Chair, Counselor	None

After the first triad	Student requests a change in academic course level. e.g English 9 Honors to English 9	Parent, Principal, Classroom Teacher, Department Chair, Counselor	"W" (no credit and no effect on GPA) if passing course OR "F" if failing grades
Any time	Disciplinary removal from class by Principal / Asst. Principal	Principal, Asst. Principal, Classroom Teacher, Counselor, Dept. Chair	"F"
Any time	Teacher / Counselor request - student incorrectly placed	Principal, Asst. Principal, Classroom Teacher, Counselor, Dept. Chair	None

Withdrawal Grades:

Any student planning to transfer to another school must submit formal withdrawal papers to the registrar. Students will not be withdrawn without this documentation. Students are responsible for returning the completed withdrawal form to the registrar.

Grading Procedures:

The teacher shall explain the goals of the course and the specific performance criteria needed to obtain a passing grade for the course. The standards set for the course shall be in accordance with school district policy and state law and be appropriate to the type of course being presented. The high school uses a progress report card at each triad of the semester.

NCAA ELIGIBILITY

College-bound student athletes may go to NCAA Eligibility Center for additional information
<http://www.ncaapublications.com/productdownloads/CBSA17.pdf>

Initial-eligibility standards help ensure you are prepared to succeed in the first year of college. The eligibility process also protects the fairness and integrity of college sports by ensuring student-athletes are amateurs. If you want to practice, compete and receive an athletics scholarship during your first year at a Division I or II school, the NCAA Eligibility Center must certify you as eligible. Throughout the process, NCAA Eligibility Center staff members partner with students and their families, as well as high school administrators and coaches.

As a college-bound student-athlete, you are responsible for your eligibility – that means planning ahead, taking high school classes seriously and protecting your amateur status. It can be a difficult first step, but the benefits of being a student athlete are worth the effort.

GRADE 9		
PLAN	<input type="checkbox"/>	Start planning now: take the right courses and earn the best grades possible.
	<input type="checkbox"/>	Ask your counselor for a list of your high school's NCAA-approved core courses to make sure you take the right classes. Find your high school's list of NCAA-approved courses at NCAA.org/courselist
GRADE 10		
REGISTER	<input type="checkbox"/>	Register with the NCAA Eligibility Center at eligibilitycenter.org
	<input type="checkbox"/>	If you fall behind, ask your counselor for help with finding approved courses you can take.
GRADE 11		

STUDY	<input type="checkbox"/>	Check your final NCAA core courses as you prepare for graduation.
	<input type="checkbox"/>	Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
	<input type="checkbox"/>	At the end of the year, ask your counselor to send or upload your official transcript to the NCAA Eligibility Center. If you took classes at more than one high school or program, submit an official transcript for each school.
	<input type="checkbox"/>	Make sure you are on track to graduate
GRADE 12		
GRADUATE	<input type="checkbox"/>	Complete your final NCAA core courses as you prepare for graduation.
	<input type="checkbox"/>	Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
	<input type="checkbox"/>	Request your final amateurism certification beginning April 1 (fall enrollees) or October 1 (spring enrollees) in your NCAA Eligibility Center account at eligibilitycenter.org
	<input type="checkbox"/>	After you graduate, ask your counselor to send or upload your final official transcript with proof of graduation to the NCAA Eligibility Center.
	<input type="checkbox"/>	Only student on an NCAA Division I or II school's certification request list will receive a certification.

Contact NCAA.org for
information on Division I schools

DIVISION I ACADEMIC STANDARDS

Division I schools require you to meet academic standards for NCAA core courses, core-course GPA and test scores.

To be eligible to practice, compete and receive athletics scholarships in your first full-time year at a Division I school, you must graduate from high school and meet ALL the following requirements:

- Complete a total of 16 NCAA core courses in the following areas:
 - ✓ 4 years of English;
 - ✓ 3 years of math (Algebra 1 or higher);
 - ✓ 2 years of natural/physical science (including one year of lab science if offered);
 - ✓ 2 years of social science;
 - ✓ 1 additional year of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy.
 - ✓ 4 additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy.
- Complete 10 of your 16 core courses, including seven in English, math or natural/physical science, before the start of your seventh semester, you must have more than 10 core courses completed to be able to repeat or replace any of the 10 courses used to meet the 10/7 requirement. Students whose academic credentials are solely international (including Canada) are not required to meet the 10/7 requirement.
- Earn an SAT combined score or ACT sum score that matches your core-course GPA (minimum 2.300) on the Division I sliding scale. SAT scores earned on or after March 2016 will be evaluated based on concordance tables established by the College Board.
- If you plan to attend a Division I school, you must complete 16 NCAA-approved core courses in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you must still meet core-course requirements.

Contact NCAA.org for information
on Division II schools

DIVISION II ACADEMIC STANDARDS

Division II schools require college-bound student-athletes to meet academic standards for NCAA core courses, core course GPA and test scores. The standards are changing for students who initially enroll full time at a Division II school on or after August 1, 2018.

If you enroll BEFORE August 1, 2018	If you enroll AFTER August 1, 2018
To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division II school, you must graduate from high school and meet ALL the following requirements:	To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division II school, you must graduate from high school and meet ALL the following requirements:
<ol style="list-style-type: none"> Complete a total 16 core courses in the following areas: 3 years of English; + 2 years of math (Algebra 1 or higher); + 2 years of natural/physical science; (including one year of lab science if offered) + 2 years of social science + 3 additional years of English, math, natural/physical science + 4 additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy. 	<ol style="list-style-type: none"> Complete a total of 16 core courses in the following areas: 3 years of English; + 2 years of math (Algebra 1 or higher); + 2 years of natural/physical science; (including one year of lab science if offered) + 2 years of social science; + 3 additional years of English, math, natural or physical science; + 4 years additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy.
2. Earn at least a 2.000 GPA in your core courses	2. Earn at least a 2.2 GPA in your course classes
3. Earn an SAT combined score of 820 or an ACT sum score of 68. SAT scores earned during or after March 2016 will be evaluated based on concordance tables established by the College Board.	3. Earn an SAT combined score or ACT sum score that matches your core-course GPA (minimum 2.200) on the Division II competition sliding scale.

For Division III information
contact NCAA.org/d3

DIVISION III ACADEMIC STANDARDS

Division III schools provide an integrated environment focusing on academic success while offering a competitive athletics environment. Division III rules minimize potential conflicts between athletics and focus on regional in-season and conference play.

While Division III schools do not offer athletics scholarships, 75 percent of Division III student-athletes receive some form of merit or need-based financial aid.

If you are planning to attend a Division III school, you do not need to register with the NCAA Eligibility Center. Division III schools set their own admissions and eligibility standards. You can visit NCAA.org/d3 or contact the Division III school you are planning to attend.

NAIA ELIGIBILITY CENTER

Early Decisions: Junior Year Complete

U.S. students who have completed their junior year of high school may obtain an eligibility determination from the NAIA Eligibility Center **before** graduating from high school if they meet all the following requirements:

- will enroll at an NAIA institution immediately after high school graduation

Visit NAIA Eligibility Center at
<https://www.playnaia.org/eligibility-center>

- b. have at least a 3.0 GPA on a 4.0 scale
- c. have met minimum test score requirement.
- d. 18 composite score on the ACT for tests taken before March 2016*
(EXCEPTION: Per NAIA Bylaws V.C.2a, "For ACT tests taken beginning March 2016, a minimum score of 16 will satisfy this requirement. This exception will apply through the 2018-19 academic year, after which time the exception will expire.")
- e. 860 on the SAT (Evidence-Based Reading and Writing & Math)

Early Decisions: Midway Through Senior Year

U.S. students who are midway through their senior year of high school may obtain an eligibility determination from the NAIA Eligibility Center **before** graduating from high school if they meet all the following requirements:

- a. will enroll at an NAIA institution immediately after high school graduation
- b. have at least a 2.5 GPA on a 4.0 scale
- c. have met minimum test score requirement
- d. 18 composite score on the ACT for tests taken before March 2016*
(EXCEPTION: Per NAIA Bylaws V.C.2a, "For ACT tests taken beginning March 2016, a minimum score of 16 will satisfy this requirement. This exception will apply through the 2018-19 academic year, after which time the exception will expire.")
- e. 860 on the SAT (Evidence-Based Reading and Writing & Math)

Repeated Courses and Grade Point Average (GPA):

Students may retake some courses to improve a previous grade. The student will receive credit once for the course and will earn the higher grade or grades for the record; however, the failing grade will remain on the transcript with no credit attached, which will not count towards GPA.

PAHS Requirements for a Diploma:

<u>Subject</u>	<u>Graduation Requirements through the Class of 2020</u>	<u>Graduation Requirements for the Class of 2021 and Beyond</u>
<u>English</u>	<u>4</u>	<u>4</u>
<u>Mathematics</u>	<u>3</u>	<u>3</u>
<u>Science (including 1 lab credit)</u>	<u>2</u>	<u>3</u>
<u>Social Studies</u>	<u>3</u>	<u>3</u>
<u>Health and Fitness (one class must include training in cardiopulmonary resuscitation (CPR) and use of automatic external defibrillators (AED)).</u>	<u>.5 credit health; 1.5 credit fitness</u>	<u>.5 credit health; 1.5 credit fitness</u>
<u>Arts</u>	<u>1</u>	<u>2*</u>
<u>Occupational Education</u>	<u>1</u>	<u>1</u>
<u>Electives</u>	<u>4</u>	<u>4</u>
<u>World Language</u>		<u>2**</u>
<u>Total State Credit Requirements</u>	<u>20</u>	<u>24***</u>
<u>District Requirement:</u>	<u>2.5 Elective</u>	
<u>Total State and District Credit Requirements</u>	<u>22.5</u>	<u>24</u>

Reference WAC 180-51-068

*One (1) can be PPR (Personalized Pathway Requirements are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan, that may include Career and Technical Education, and are intended to provide a focus for the student's learning."

**both can be PPR (Personalized Pathway Requirement)

***For individual students, two (2) credits may be waived: based on the student's 'unusual circumstances.'

In addition to the minimum credit requirements, to earn a diploma each student must:

- Pass all statewide assessments as required by law;
- Complete a High School and Beyond Plan;

For additional information, see the Office of the Superintendent of Public Instruction's website at <http://www.k12.wa.us/graduationRequirements/>

Credits Outside School and Digital Learning Department (DLD):

The Port Angeles School District works in conjunction with OSPI's Digital Learning Department to extend core, elective and foreign language courses, as well as to offer Advanced Placement and provide credit recovery options. It is our intention that the online courses be used to compliment the students' current high school class schedule, not compete with it.



THE WASHINGTON STATE BOARD OF EDUCATION

Governance | Accountability | Achievement | Oversight | Career & College Readiness

Graduation Course-Taking Requirements

Subject	Minimum State Requirements for the Classes of 2018	Career- & College-Ready Graduation Requirements for the Class of 2019 & Beyond*
English	4	4
Math	3	3
Science	2 (1 lab)	3 (2 lab)
Social Studies	3	3
Career and Technical Education ¹	1	1
Health and Fitness	2	2
Arts	1	2 (1 can be PPR)
General Electives	4	4
World Language (or) Personalized Pathway Requirement (PPR)		2 (Both can be PPR)
Total Credits	20	24²

Personalized Pathway Requirement are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan, that may include Career and Technical Education, and are intended to provide a focus for the student's learning. See your counselor to work on creating a Personalized Pathway Requirement.

¹ Or 1 Occupational Education credit, as defined in WAC 180-51-067.

² Up to 2 credits can be waived locally based on a student's unusual circumstances.

Students are allowed to **take a total of 7 (plus advisory) classes** during a school semester, whether in the Port Angeles School District, through the Digital Learning Department, or a combination thereof. Students currently enrolled in the Port Angeles School District with a full class load, may still enroll in online courses, however, the Parent/Guardian will be responsible for 100% of the enrollment fees and cost of materials.

Community Colleges

Community colleges admit all high school graduates with no specific admissions requirements, although some programs such as nursing or flight training may be competitive and have specific prerequisites. Community colleges have both 2 year degrees and vocational programs. Many of these colleges fill their enrollment early in the spring for the next school year. Most community colleges require a placement test which must be taken prior to registration. Go to checkoutcollege.com for more information. Our closest community college, Peninsula College, requires the Accuplacer Placement Test. Call 360.417.6346 to set up a test appointment.

Appropriate Tests

The following is a list of exams most often needed by students going directly from high school to four-year colleges.

1. Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test (PSAT / NMSQT)
This test will be given in mid-October 2017 in the high school library and student center. This test has two main purposes:
 - a. Taking the PSAT/NMSQT is the first step for juniors to enter the scholarship programs administered by the National Merit Scholarship Corporation.
 - b. It is a good practice test for the SAT.You register for this test at the high school. You can get PSAT information at www.collegeboard.com.

Scholastic Aptitude Test I (SAT)

This test or the ACT is generally required for admission to four-year colleges. The SAT is offered at Port Angeles High School every month beginning in October and ending in June except in March. The testing center is Port Angeles High School. We recommend taking it twice, once toward the end of your junior year and at the beginning of senior year. Many students take it more than once. You register for this test online at www.collegeboard.com.

SAT Subject Test

Some colleges require that their candidates for admission take special achievement exams in one or more subjects, such as: English, Math, U.S. History, World Language, Biology, Chemistry, Physics, and World History. The colleges requiring these tests will say so on their web sites and in their catalogs. The testing center is Port Angeles High School. You register for this test online at www.collegeboard.com.

American College Test (ACT)

A few colleges require this test instead of the SAT. It covers English usage, math, social studies, reading and science. The closest testing center is Sequim High School. You register for this test online at www.actstudent.org.

Athletic Eligibility

To be eligible for athletics at Port Angeles High School a student must:

Athletics and Activities /Academic Eligibility

High School

1. Students attending Port Angeles High School are required to maintain passing grades (no F's) in all classes in which they are enrolled (a minimum of 6 classes for seniors who are on track to graduate and principal's approval) in order to remain eligible for competitions or performances. Grades will be checked a minimum of every six weeks at triad and semester. Students can practice but may not participate in contests, events, or activities while academically ineligible. The opportunity for an academic improvement plan will be provided;
2. The most recent triad or semester grade report will determine a student's eligibility to participate in extra-curricular activities;
3. A grade of "NC" and "S" will count as a passing grade for the purpose of this policy. A grade of "U" or "I" will not count as a passing grade;
4. Students who are ineligible because of a 1st or 2nd triad grade can become eligible as soon as they document that they are passing class(es);
5. Students who fail 1 final semester class are ineligible until the Monday following the third week of the following semester. Students may become eligible by passing all of their classes after three weeks into the new semester.
6. Students who fail 2 or more final semester classes (Students not meeting this standard will be ineligible from the end of the previous semester through the last Saturday of September in the fall or the first five (5) weeks of the succeeding semester. For additional information visit www.wiaa.com. Select Handbook. PASD is allowed to be more restrictive than that of the WIAA.
7. Students are responsible for documenting their grades in restoring their eligibility. Students who falsify this documentation lose their eligibility for the remainder of the semester; and
8. The record at the end of the semester shall be final, except for those credits earned in a regular, accredited summer school program and accepted by the school district. www.wiaa.com. Select Handbook.
9. Student athletes must pass all classes to participate in athletics and activities.
10. Previous semester grades will determine academic eligibility. Students final spring grades shall be enforced in the fall semester. This includes the transition from 8th grade to 9th grade.

Guidance and Counseling Department

"The Guidance and Counseling Department is here to help students with their academic, personal, social, and career needs." Our motto is, "lower stress, raise success."

The Guidance Department includes:

Katie Braaten, 11th grade (2020) Counselor, 360.565.1560, kbraaten@portangelesschools.org

Jason Gooding, 10th grade (2021) Counselor, 360.565.1543, jgooding@portangelesschools.org

Cecilia Jacobs, 12th grade (2019) Counselor, 360.565.1557, cjacobs@portangelesschools.org

Dana Snell, 9th grade (2022) Counselor, 360.565.1561, dsnell@portangelesschools.org

Ralena Cornelson, Native American Specialist, 360.565.1556, rcornelson@portangelesschools.org

Diane Hall, Secretary, 360.565.1546, dhall@portangelesschools.org

Jeani Hill, Secretary, 360.565.1562, jhill@portangelesschools.org

AJ Teel, Drug & Alcohol Interventionist, 360.565.1620, ateel@portangelesschools.org

[Rosalynn Rees, College Success Advisor, 360.565.1590, rrees@portangelesschools.org](mailto:rrees@portangelesschools.org)

[Paul Kelly, College Success Advisor, 360.565.1590, pkelly@portangelesschools.org](mailto:pkelly@portangelesschools.org)

The counselors move up through the grades along with their students.

There are six public, four year colleges in Washington State: University of Washington, Washington State University, Central Washington University, Western Washington University, Eastern Washington University and Evergreen College.

There are several private four year colleges in Washington State, including:

Independent Colleges of Washington		
GONZAGA UNIVERSITY Enrollment: 6,600 502 E. Boone Spokane, Washington 99258-0087 (509) 328-4220 http://www.gonzaga.edu	HERITAGE UNIVERSITY Enrollment: 1,300 3240 Fort Road Toppenish, Washington 98948 (509) 865-8500 http://www.heritage.edu	PACIFIC LUTHERAN UNIVERSITY Enrollment: 3,600 South 121st & Park Avenue Tacoma, Washington 98447 (253) 531-6900 http://www.plu.edu
SAINT MARTIN'S UNIVERSITY Enrollment: 1,600 5300 Pacific Avenue S.E. Lacey, Washington 98503 (360) 491-4700 http://www.stmartin.edu	SEATTLE PACIFIC UNIVERSITY Enrollment: 3,800 3307 Third Avenue West Seattle, Washington 98119 (206) 281-2000 http://www.spu.edu	SEATTLE UNIVERSITY Enrollment: 7,200 900 Broadway Seattle, Washington 98122-4340 (206) 296-6000 http://www.seattleu.edu
UNIVERSITY OF PUGET SOUND Enrollment: 2,800 1500 North Warner Tacoma, Washington 98416-0082 (253) 879-3100 http://www.pugetsound.edu	WALLA WALLA UNIVERSITY Enrollment: 1,900 204 South College Avenue College Place, Washington 99324-1198 (509) 527-2615 http://www.wallawalla.edu	WHITMAN COLLEGE Enrollment: 1,450 345 Boyer Street Walla Walla, Washington 99362 (509) 527-5111 http://www.whitman.edu
WHITWORTH UNIVERSITY Enrollment: 2,500 300 West Hawthorne Road Spokane, Washington 99251 (509) 777-1000 http://www.whitworth.edu		

Public Baccalaureate Colleges and Universities

Public Research Universities: The state's two research universities offer baccalaureate through professional degree programs.

- **University of Washington**
 - a. University of Washington Bothell
 - b. University of Washington Tacoma
- **Washington State University**
 - a. Washington State University Tri-Cities
 - b. Washington State University Vancouver

Public comprehensive universities and college:

The state's comprehensive universities offer baccalaureate and master's programs.

- Central Washington University
- Eastern Washington University
- Western Washington University
- The Evergreen State College

Minimum College Admission Standards

College Academic Distribution Requirements (CADRs) refer to college admissions criteria established by the Washington Student Achievement Council. For additional information visit the link below:

Minimum College Admission Standards - An Overview for Students and Parents

Revised 2011

For students entering a college or university Summer or Fall 2012
<p>College Academic Distribution Requirement (CADR) Coursework</p> <p>Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including senior year.</p> <p>Students who take college-level coursework and complete 5 quarter credits or 3 semester credits will have earned the equivalent of one CADR credit. In addition, pre-college courses in English and math may be equivalent to CADR courses, provided they are designed to meet the same learning outcomes as the high school courses for which they substitute.</p> <p>Students may meet high school requirements with courses taken in middle school, provided the courses are part of a sequence which is successfully continued in high school, or the courses are included on the high school transcript as high school-level courses.</p> <p><i>Previous minimum college admissions standards used the term 'year' to designate completion of what is now referred to as 'one credit' of high school coursework. The use of 'credit' recognizes that school districts may use alternative or block scheduling that permits students to earn a full credit in a given subject area in less than an academic year.</i></p>
<p>English – 4 credits including 3 credits of college preparatory composition or literature. One credit may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, English as a Second Language, or Learning Support English. Passing the state mandated high school assessment in Reading is equivalent to earning the first 2 CADR credits of high school English.</p>
<p>Mathematics – 3 credits: Algebra I, geometry, and Algebra II (intermediate algebra), or Integrated Math I, II, and III. Passing the state mandated high school assessment in math is equivalent to earning the first 2 CADR credits of high school math (Algebra I & Geometry or Integrated Math I and II).</p> <p><i>Note: Successful completion of math through pre-calculus meets the requirement for 3 credits of math and the senior-year math requirement (below).</i></p>
<p>Senior Year Math-Based Quantitative Course: During the senior year of high school, students must earn a credit in a math-based quantitative course. This requirement may be met through enrollment in one of the three required math courses listed above; or by completing a math-based quantitative course like statistics, applied math, or appropriate career and technical courses; or by completing an algebra-based science course taken during the senior year that would satisfy this requirement and part of the science requirement below.</p> <p><i>Note: The senior-year math requirement does not mean a 4th credit of math is required, nor does it require a higher level of math; the intent is for seniors to take meaningful math.</i></p> <p><i>Exception: Completion of higher-level math prior to the senior year exempts students from the senior-year quantitative course requirement (e.g., pre-calculus, math analysis, or calculus).</i></p>
<p>Science – 2 credits of laboratory science are required for admission to public baccalaureate institutions beginning in the summer of 2010. One credit must be in an algebra-based science course as determined by the school district. One credit must be in biology, chemistry, or physics (this course may also meet the algebra-based requirement). Principles of technology courses taught in Washington High Schools may satisfy the laboratory science requirement.</p> <p><i>Note: Western Washington University specifies that one credit must be an algebra-based chemistry or physics course</i></p>
<p>World Languages – 2 credits must be earned in the same World Language, Native American language, or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.</p> <p><i>Note: A World Language course taken in middle school may satisfy one credit of the requirement if the second year level course is completed in high school grades 9-12.</i></p>
<p>Social Science – 3 credits of history or other social science (e.g. anthropology, contemporary world problems, economics, geography, government, political science, psychology)</p>
<p>Arts – 1 credit of fine, visual, or performing arts - or 1 additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual, or performing arts includes art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, or sculpture.</p> <p><i>Note: The University of Washington and Western Washington University specify one-half credit in fine, visual, or performing arts. The other half may be in the arts or an academic elective.</i></p>

Students should consult with their local high school to obtain complete information about minimum college admission standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district.

HECB Document Revised 04/11



Minimum College Admission Standards An Overview for Students and Parents

Revised 2011

College admission requirements set by the HECB

The Higher Education Coordinating Board (HECB) has responsibility to "Establish minimum admission standards for four-year institutions, including a requirement that coursework in American sign language or an American Indian language shall satisfy any requirement for instruction in a language other than English that the Board or the institutions may establish as a general undergraduate admissions requirement" (RCW 27B.600.160).

The HECB and the State Board of Education met in 2010 and adopted changes to their respective requirements that will foster alignment between high school graduation requirements and four-year public college admission requirements.

College Academic Distribution Requirements (CADRs) refer to college admissions criteria established by the

HECB. The term differs from high school graduation requirements that are determined by the State Board of Education and local school districts. Courses meeting CADR are determined by the school district and noted on the transcript with the "B" designation.

Students who plan to attend a four-year college or university should be aware of both sets of requirements.

Freshmen Admission Policy

This overview of freshmen admission requirements applies to all applicants to the public four-year colleges who enter directly from high school and/or students who enter college with fewer than 40 credits of college-level coursework or equivalent.

Running Start and other dual-credit earning students, including those who have earned more than 40 quarter hours of college-level credit, who enter a public baccalaureate institution directly from high school, must meet minimum college admission standards:

□ CADR (College Academic Distribution Requirements)

□ 2.0 Minimum GPA

□ Official SAT/ACT test scores sent directly to the college or university (*Fee waivers for these tests are available - consult with your high school counselor*)

Notes on CADR and Admission Standards

CADR reflect the minimum number of credits required in six subject areas that students must earn to be eligible for routine admission

consideration by four-year public baccalaureate institutions.

Meeting the minimum college admission standards does not guarantee admission to a public baccalaureate institution.

Therefore, students are encouraged to go beyond meeting minimum college admission standards to improve their chances for gaining entry to a public baccalaureate institution. Students should obtain admission information from the institution they wish to attend.

Comprehensive Review of Applications for Admission

Currently, each of the public baccalaureate institutions employs a comprehensive or holistic review process for at least a portion of their applicants. Holistic review is an additional means of ensuring student access. In cases where students do not meet the minimum college admission standards, the policy provides for alternative admission policies which may be more appropriate for certain students. Each student is encouraged to contact the admissions office of the institution they wish to attend if they have questions.

All K-12 and college personnel who advise students on admission to public four-year colleges and universities should obtain a copy of CADR guidelines and other related minimum college admission information at: www.hecb.wa.gov/research/issues/admissions.asp

Students should consult with their local high school to obtain complete information about minimum college admission standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district.

HECB Document Revised 04/11

What is Running Start?

The Running Start Program enables eligible high school students who seek expanded educational challenges to enroll simultaneously in high school and college classes, or solely in college classes, for the purpose of earning credit to be awarded by both their high school district and Peninsula College. It offers junior and senior high school students the opportunity for high school and Peninsula College credit.

As a Running Start student, you may combine college and high school courses by taking from one credit to 10 or more credits (full-time) at the college. It is possible for you to complete an Associate of Arts degree or Associate of Science degree (two years of undergraduate college education) and a high school diploma at the same time.

High school requirements are established by the local high school districts. College courses that meet high school requirements for graduation are established by the high school in conjunction with Peninsula College. The high school district pays for the college tuition with a basic allotment from the State of Washington, but you must pay all other expenses, including books, supplies, and transportation.

College credits are transferable to colleges and universities in the State of Washington, according to the guidelines established by individual institutions. Transfer credit may vary when applying to out-of-state colleges and universities.

YOU SHOULD ALWAYS CHECK WITH THE COLLEGE OF YOUR CHOICE FOR SPECIFIC REQUIREMENTS.

FOUR YEAR PLAN SUGGESTED COURSES FOR COMPLETION OF DIPLOMA			
G R A D E 9	PAHS Diploma	Four-Year College Entrance	Academic Honors / Selective Colleges
	English 9	English 9 / Honors English 9	Honors English 9
	Fitness for Life / Health	Fitness for Life / Health	Fitness for Life / Health
	Algebra I	Algebra or Geometry	Honors Geometry
	Integrated Lab Science 1	Integrated Lab Science 1	Honors Biology
	Elective	Elective	Elective
	Elective	Elective	Elective
G R A D E 10	Elective	Elective	Elective
	English 10	English 10 / Honors English 10	Honors English 10
	Geometry	Geometry or Algebra 2	Honors Algebra 2
	Biology	Biology	Honors Chemistry / Chemistry
	P.E.	P.E.	P.E.
	Career & Tech Education	Career & Tech Education	Career & Tech Education
	Social Studies Elective	Social Studies Elective	Fine Arts
G R A D E 11	Elective	Elective	AP World History
	English 11	English 11	AP English Language and Composition
	US History	US History	AP U.S. History
	Fine Arts	Physics / Chemistry / Bio Tech	Physics
	Algebra 2 /Trig or 3 rd year math elective	Algebra 2 or Pre-Calculus	Honors Pre-Calculus and/or AP Statistics
	World Language / PPR	Fine Arts	Fine Arts / PPR
	Chemistry / Science Elective	World Language	World Language
G R A D E 12	Elective	Elective	Elective
	English 12	English 12	AP English Literature and Composition
	Contemporary Issues	Contemporary Issues	EWU POLI100 Modern Gov't / Contemporary Issues Intl.
	World Language / PPR	World Language	World Language
	Fine Arts / PPR	Fine Arts / PPR	AP Calculus and/or AP Statistics
	Elective	AP Statistics and/or AP Calculus	AP Biology / UW Astronomy
	Elective	Elective	Elective
G R A D E 12	Elective	Elective	Elective

World Language may be taken earlier than grade 11 for both college admissions and academic honors, and often is started in either grade 9 or 10 so more than 2 years can be taken. In order to satisfy both requirements for four-year college entrance and academic honors, the World Language must be two years of the same language and the years must be taken consecutively.

Current state graduation requirements for math require graduates to complete a minimum of 3 credits of math. Algebra 1, geometry and Algebra 2 / Trig are required. (In some cases, Algebra 2 / Trig may be substituted for a career level math course. See your counselor.)

Those students seeking a PAHS diploma and immediate entry into the work force should consider taking advanced Career and Technology Education courses. Fine Arts include all art and music courses.

Honors Programs

The honors programs are an opportunity for students to take advance classes on the campus at Port Angeles High School. The objective in granting honors and awards to students is to stimulate a desire for excellence in school work.

Academic Honors

Academic Honors will be granted to graduating seniors who have met all of the following four criteria and met timelines set forth for submission and subsequent reviews of applications:

Earned at least 24 credits with a minimum overall 3.5 grade point average, including honors-weighted courses;

Earned at least 12 of 24 credits on the campus of the Port Angeles School District high school from which he or she seeks honors;

1. Twelve credits must come from designated courses in the five basic academic fields of English, mathematics, science, social science and world language, with a minimum of two credits coming from each field. A minimum of eight credits from designated courses must be taken during the junior and senior year; and
2. Met standard on all areas (e.g. reading, writing, math, science) of the state proficiency exam required for his or her graduating class; and
3. Met the published entrance requirements of a Washington State Public university or four year college as of May 1 of the year of his or her graduation from the high school which he or she seeks honors.

A student who transfers to a Port Angeles School District high school from a school not governed by the district must meet the above criteria, with the following modifications:

1. In addition to having maintained an overall 3.5 grade point average in his or her prior enrollment, a transfer student must maintain a 3.5 grade point average during his or her enrollment on the campus of the district high school from which he or she seeks honors; and
2. A transfer student must earn at least half of his or her credits on the Port Angeles School District high school campus from which he or she seeks honors during his or her total enrollment time as a Port Angeles School District high school student.

Department Honors

Selection of department honors will be based upon completion of first semester senior year grades. Once department honors are announced, the candidates must complete their second semester classes with the same quality established throughout their high school transcript.

Seniors wanting department honors must fill out an application available in the Guidance Center. Due dates vary for each department and applications are turned in to the appropriate Department Chairperson with a transcript.

Art Honors

Students receiving art honors at graduation must have completed the following:

Submit a formal application for art honors to the Art department instructors the first triad of their senior year; complete 4 credits in art including the following courses with a 3.5 grade point average or higher; beginning and advanced Drawing and Design, Painting, Sculpture, Pottery or Stained Glass, AND Collage, create a digital collection of images of the best of their high school art work including a self-portrait on any media. Accompany that collection with an artist's statement.

Business Honors

All graduating students who have earned 4 or more credits, with a minimum 3.5 GPA, from the Business/Marketing Department (1 credit must come from the completion of Accounting or Marketing Seminar) qualify for Business Honors. Work experience credits may not be used to fulfill the 4 credit requirement. Seniors must obtain a Department Honors Application from the Guidance Office and return the completed application, along with an unofficial transcript, to the Business/Marketing Department chairperson no later than the Wednesday before Spring break.

Mathematics Honors

All graduating seniors are eligible for this department honor at graduation if they have successfully completed 4 years of mathematics that include UW Calculus 1 and 2 or AP Statistics. The students must maintain a 3.5 in all mathematics. Seniors must obtain a Department Honors Application from the Guidance Office and return the completed application, along with an unofficial transcript, to the Math Department chairperson no later than the Wednesday before Spring Break.

Music Honors

All graduating seniors who have earned 4 or more music credits in 4 consecutive years with a grade point average of 3.5 or higher can receive department honors at graduation. The student has to be a member of a large ensemble during their senior year, complete an approved senior project, and must have participated in **one of the following**: select ensemble (Chamber Orchestra, Jazz Ensemble, or Vocal Unlimited for a minimum of one year); crossover group (i.e. choir/band, band/orchestra, orchestra/choir, etc.) – one year minimum; or selected for performance at All-State, All Northwest, State Ensemble, and/or State Solo.

NJROTC Honors

To receive NJROTC Honors, students must:

- maintain a combined grade point average of 3.0 and 3.5 in JROTC;
- complete 3 years of JROTC;
- obtain the rank of Chief Petty Officer or higher;
- no offenses or punishments.

Science Honors

To receive science honors the student will have completed at least 4 credits of science with no grade lower than an A-.

Trade and Industry Honors

Any graduating senior from PAHS that has earned 4 credits or more from PAHS Trade and Industry program of study (or have taken all the classes available in the program of studies), with a combined GPA (includes all T & I classes taken) of 3.3 or higher will be eligible to receive T & I honors at graduation. The student will also need to compete at a regional level or higher in a co-curricular activity that aligns with their T & I class, and in agreement with their teacher. Some examples are Cyber Patriots, Skills USA, etc. The student needs to fill out the application, which is available in guidance or from their T & I teacher and give it to the department head by the Wednesday before spring break of the year they are graduating. Applications **after that date will be ineligible** for T & I honors.

World Language Honors

To receive World Language honors the student will have completed at least 4 credits of one world language with no grade lower than an A-.

Scholarships

Financial assistance for college comes primarily from four sources; the colleges themselves, the federal and state governments, national scholarships and regional scholarships. The Port Angeles community has one of the most successful local scholarship programs in the nation, awarding about \$500,000 a year to graduates. There are scholarships for students planning to attend technical colleges, vocational institutes, community colleges, and four-year colleges. Students apply for these funds by completing a scholarship notebook during their senior year. Detailed information about the notebook is provided to seniors in monthly meetings beginning in early October. Instructions can be found on the high school website in November prior to the notebook due date. The notebook is due at the end of 1st semester, and the scholarships are awarded at an evening event in May. The scholarship notebook is coordinated by the guidance office secretary, Ms. Jeani Hill.

Each local scholarship has its own set of judges. Most of the award winners are selected by the organizations sponsoring the scholarship; a few scholarships are decided by a committee made up of staff and community members. See your scholarship coordinator for more information on the local scholarship notebook process.

The high school also helps students to access regional and national scholarships. The Guidance and Counseling Center maintains a file of scholarship applications which are mailed to the high school. These opportunities are listed in the daily bulletin and on the PAHS website. See the Guidance office secretary for more information or call 360.452.0250.

The federal and state government offer grants and loans, mostly based on financial need. Families complete the FAFSA (Free Application for Federal Student Aid) in early October. The high school has a workshop each year to explain these government programs. You can also get information online at www.fafsa.ed.gov

The largest amounts of scholarships are awarded by the colleges themselves. College catalogs and websites have specific information on their offerings. High school juniors should get help from their counselor in developing a list of schools. For information about four year private schools in Washington State, go to www.projectopportunity.net. Scholarship offerings are one factor to consider when deciding where to apply.

2018-2019 Course Offerings

*This schedule of course offerings and descriptions is subject to change. There is no guarantee that any or all courses will be offered in any given year or in the arrangement presented. The school district reserves the right to cancel or not offer a course because of insufficient enrollment, inadequate funding or for other unforeseen reasons. Course listings begin on page 16. Please refer to the key for specific class information. Fee=\$, C=Tech Prep credit, E = English elective, FA = Fine Arts credit, M=Math elective, R=Repeatable for credit, V=Career and Tech Education credit, **=Designated Course for Academic Honors Classes at Graduation, T = Teacher permission*

Art Courses

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	CADR	Fine Arts	
		✓	✓	ART, INDEPENDENT	ART 652	SEM	♦	♦		♦	
	✓	✓	✓	3-D DESIGN	ART 711	SEM	♦		♦	♦	
✓	✓	✓	✓	DRAW & DESIGN	ART 702	SEM			♦	♦	
✓	✓	✓	✓	DRAW & DESIGN, ADVANCED	ART 703	SEM	♦		♦	♦	
✓	✓	✓	✓	PAINTING	ART 706	SEM			♦	♦	
	✓	✓	✓	PAINTING, ADVANCED	ART 707	SEM	♦		♦	♦	
✓	✓	✓	✓	POTTERY	ART 743	SEM			♦	♦	
✓	✓	✓	✓	POTTERY, ADVANCED	ART 744	SEM	♦		♦	♦	
✓	✓	✓	✓	PRINTMAKING	ART 708	SEM			♦	♦	
✓	✓	✓	✓	SCULPTURE	ART 720	SEM			♦	♦	
✓	✓	✓	✓	STAIN GLASS	ART 723	SEM			♦	♦	
✓	✓	✓	✓	STAIN GLASS, ADVANCED	ART 724	SEM	♦		♦	♦	
✓	✓	✓	✓	SURVEY OF ART I	ART 101	SEM			♦	♦	
✓	✓	✓	✓	SURVEY OF ART 2	ART 102	SEM	♦		♦	♦	
	✓	✓	✓	VISUAL DESIGN	ART 712	SEM	♦		♦	♦	

Art Honors

Students receiving art honors at graduation must have completed the following:

Submit a formal application for art honors to the Art department instructors the first triad of their senior year;

Complete 4 credits in art including the following courses with a 3.5 grade point average or higher; beginning and advanced Drawing and Design, Painting, Sculpture, Pottery or Stained Glass, and Collage.

Create a digital collection of images of the best of their high school art work including a self-portrait in any media.

Accompany that collection with an artist's statement.

Art classes are designed to develop art skills, knowledge of elements and principles of design, and to develop life skills in craftsmanship and artistic expression. Art classes include guided practice, studio work, creative problem solving, observation, analysis and study. Our goal is to help students understand the work and expression of others and to develop the perceptual and technical skills to express themselves.

Some students prepare for a Career Path in the arts by beginning with the Drawing and Design series as a foundation, which will enhance their performance in the other studio classes that they take throughout their high school career. Many of these same students pursue Art Honors.

Many other students use art experience as a way to broaden their perspective about the world to try out their own creativity perhaps even for the first time.

Please note: The school district does not furnish all the materials for art classes. It is the student's responsibility to consult with the instructor as to the cost to the students. Costs for each class will vary depending upon the type of project that is required.

Subject	Grade	Prerequisite	Length / Credit
SURVEY OF ART I This course is a survey covering many different media and art experiences and is required for most art classes. We will explore elements and principles of design, build basic skills in a variety of media, and investigate Western art movements in context with our projects. These courses are a prerequisite for all other art courses and are meant to be a fun, exploratory course – no previous experience necessary! \$10	9-12	None	1 sem / 0.5 cr
SURVEY OF ART II <i>*Prerequisite: Survey of Art I</i> This course is a survey covering many different media and art experiences and is required for most art classes. We will explore elements and principles of design, build basic skills in a variety of media, and investigate Western art movements in context with our projects. These courses are a prerequisite for all other art courses and are meant to be a fun, exploratory course – no previous experience necessary. \$10	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
DRAWING AND DESIGN This course is a two semester intensive drawing course grounded in skill building, exploring contemporary art history, and building an understanding of formal art elements. We will be reviewing, applying, and reflecting on formal art elements in our work. This course includes several production methods including: observational drawing, figurative drawing, perspective drawing, reductive printmaking, scratchboard, collage and mixed media, and various other experimental drawing methods. We will begin building a formal portfolio in this course for students interested in pursuing creative careers. \$10	9-12	None	1 sem / 0.5 cr
ADVANCED DRAWING AND DESIGN <i>*Prerequisite: Pass Drawing and Design</i> Course is a continuation of Drawing and Design with further emphasis on building skills and techniques learned in Drawing and Design. \$10	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
PAINTING This course covers a variety of styles of painting; including realism, abstraction, and impressionism. We learn by studying the work of other painters, by observation, and by using our own imaginations. We learn the elements and principles of Design in a variety of assignments and media; water color, pastels, and acrylics will be used. Some written assignments are required. \$10	9-12	None	1 sem / 0.5 cr
ADVANCED PAINTING <i>*Prerequisite: Painting I</i> This class usually runs concurrent with the painting class and is an opportunity for a dedicated student to refine skills and creativity through a mix of assignments and independent projects. Must maintain a sketch book and do written self-evaluations. Depending upon media chosen may need to purchase additional supplies. \$10	10-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
PRINTMAKING This course addresses the use of design elements and principles through the printing techniques such as marbling, linoblock, color graph, etching, monoprints, and screen printing. Emphasis is on non-toxics techniques. \$10	9-12	None	1 sem / 0.5 cr

3D Arts and Crafts Program

3-D DESIGN

10-12

*Prerequisite**

1 sem / 0.5 cr

**Prerequisite: Survey of Art or Draw & Design or Teacher permission*

Students in this course learn about the foundations of 3D design through set and costume design, constructing a variety of models, stage props, and costume elements using a variety of sculpture media and elements of basic (low-voltage) circuitry. This course is designed to support and complement our theater arts program.

POTTERY

9-12

None

1 sem / 0.5 cr

Through this course the student will learn hand-building and wheel forming techniques and the general understanding of the complete pottery process. The emphasis is on learning to apply elements and principles of design through the creative process using various surface decoration techniques and developing craftsmanship and expression. **\$20**

ADVANCED POTTERY

9-12

*Prerequisite**

1 sem / 0.5 cr

**Prerequisite: B in Pottery*

This more intensive course builds upon hand and wheel skills and requires a high degree of craftsmanship and attention to expression and the elements and principles of design. The student will complete a mix of assignments and independent projects. Must maintain a sketch book and do written self-evaluations. **\$20**

Students in financial need may apply for funding of art fees through their guidance counselors.

STAINED GLASS

9-12

None

1 sem / 0.5 cr

An introduction to stained glass with emphasis on cutting, grinding taping and soldering techniques including planning and processes involved in glass art. Students will be required to supply some of the working materials that include copper foil tape, glass cutter, and solder. Glass is supplied for the first two projects, with students providing their own glass for the remaining required projects.

ADVANCED STAINED GLASS

9-12

*Prerequisite**

1 sem / 0.5 cr

**Prerequisite: B in Stained Glass*

This course provides an opportunity for the motivated student to get involved with extensive projects that includes etched and fused glass in the glass craft arts in order to perfect techniques and gain high-level skills. Students will be required to provide all of their own materials to complete their chosen projects.

SCULPTURE

9-12

None

1 sem / 0.5 cr

The student will experience problems in construction and forming of three dimensional designs in various materials such as clay, paper, wood, and plaster. The use of various tools and the limitations of materials will be taught as well as design. **\$10**

VISUAL DESIGN

10-12

*Prerequisite**

1 sem / 0.5 cr

**Prerequisite: Survey of Art or Draw & Design or Teacher permission*

This course is an introduction to basic graphic design and illustration principles using the Adobe Suite CC (Creative Cloud), as well as an introduction to using WordPress for portfolio development. Students will explore the tools and concepts for designing basic marketing materials and illustrations using Adobe Photoshop and Illustrator CC. Students may earn an Adobe certification in Illustrator Essentials when complete. We will design the marketing materials for high school theater productions and other events as needed.

Independent Art Program

These courses are intended for those students who are seriously considering further art after high school. Students in these courses can expect a considerable amount of work and high expectations from teachers on the efforts students make on the assigned work.

INDEPENDENT ART

11-12

*Prerequisite **

1 sem / 0.5 cr

**Prerequisite: Teacher permission.*

An advanced studio course that allows students who have demonstrated their knowledge of art techniques and to develop their own thesis. Students will work independently, maintain a sketchbook, submit plans, and do written self-evaluations and logs. Emphasis is placed on elements and principles of design, creativity, craftsmanship, and personal expression. Students will be expected to supply some of their working materials and pay art fees. **\$25.**

BUSINESS AND MARKETING EDUCATION

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Repeatable for Credit	Career & TechEd	Tech Prep Credit	Fine Arts	Mathematics	English
		√	√	ACCOUNT I A & B	BUS 451/452	SM/YR				◆			••	
		√	√	ACCOUNTING II A & B	BUS 453/454	SM/YR				◆			••	
	√	√	√	BUSINESS COMMUNICATIONS	BUS202	SM				◆	◆			◆
	√	√	√	BUSINESS LAW	BUS 201	SEM				◆	◆			
√	√	√	√	BUSINESS PROJECTS	BUS 470	SEM	◆			◆	◆			
√	√	√	√	DESKTOP PUBLISHING	BUS 443	SEM	◆			◆	◆	••		
√	√	√	√	DIGI COM TOOLS	BUS 464	SEM				◆				
	√	√	√	ECONOMICS/MACRO	BUS 102	SEM	◆			◆			••	
	√	√	√	ECONOMICS/MICRO	BUS 101	SEM	◆			◆			••	
		√	√	BUSINESS ADMINISTRATIVE ASSISTANT	BUS 641/642	SM/YR	◆	◆	◆	◆				
√	√	√	√	EVENT PLANNING/ PRINCIPLES OF LEADERSHIP	BUS 207/208	YEAR			◆	◆				
	√	√	√	EVENT PLANNING / LEADERSHIP CONNECTIONS	BUS 209/210	YEAR	◆	◆	◆	◆				
√	√	√	√	INTRO TO BUSINESS	BUS200	SEM				◆				
	√	√	√	MARKETING, ADVANCED	BUS 411/412	YEAR	◆	◆		◆	◆			
			√	MARKETING, INDEPENDENT	BUS 423/424	YEAR	◆	◆		◆				
		√	√	MARKETING SEMINAR	BUS 421/422	YEAR	◆	◆		◆	◆			
√	√	√	√	MARKETING, SPORTS	BUS 403/404	YEAR				◆		••		
√	√	√	√	MICROSOFT OFFICE ESSENTIALS	BUS 310	SEM				◆	◆			
√	√	√	√	MICROSOFT OFFICE EXPERT	BUS 315	SEM	◆			◆	◆			
√	√	√	√	MICROSOFT MULTI MEDIA	BUS 320	SEM	◆			◆	◆			
	√	√	√	MONEY MANAGEMENT/BUSINESS	BUS 204	SEM	◆			◆			••	
	√	√	√	MONEY MANAGEMENT/PERSONAL	BUS 203	SEM	◆			◆			••	
	√	√	√	WEB PAGE DESIGN	BUS 301/302	SM/YR	◆		◆	◆				
	√	√	√	WORKSITE EXPERIENCE	BUS 601/602	SEM	◆	◆	◆	◆				

The members of the Business and Marketing Department maintain classroom standards that reflect those of industry. Curriculum is designed to reflect up-to-date methods and technology used in today's business world.

Business and marketing courses may be used to satisfy Career and Technology Education and elective course requirements. Some courses can also be used to satisfy English, math and art credit requirements. Students will find that business and

marketing courses will provide them with experiences and skills that will help prepare them for the real world, employment, and post-secondary education.

Several courses the Business & Marketing Department offers will provide students the opportunity to earn an industry certification validating the skills and knowledge they have obtained. DigiTools, Microsoft Office Essentials, Microsoft Office Expert, Microsoft Multimedia, and Desktop Publishing courses provide the opportunity for industry certification exams through the Microsoft Imagine (formerly IT) Academy. Marketing students can earn an Individual School Based Enterprise Certification through their participation in DECA.

The Business and Marketing Department offers four programs in which a student may specialize. A student may receive a "Certificate of Competency" in addition to the regular high school diploma by completing all courses in any one of these four areas with an average GPA of 3.0 in each certificated area. The certificate is evidence of satisfactory achievement in an area of business training and could be an advantage to the holder when applying for employment.

Following are the course requirements and electives for each of the four areas of certification.

Business Certificates of Competency

- **Accounting**
 - Accounting (2 semesters)
 - Business Law
 - Two additional business electives
- **Business Core**
 - Accounting (1 semester)
 - Business Law
 - Business Projects or Business Communications
 - Money Management (1 semester)
 - Sports Marketing (1 semester)
 - Microsoft Office Course (Essentials, Expert, Multimedia, or Desktop)
- **Computer Applications**
 - Desktop Publishing
 - DigiTools
 - Microsoft Office Essentials
 - Microsoft Office Expert
 - Microsoft Office Multimedia
- **Marketing Certificate of Competency**
 - Sports Marketing
 - Advanced Marketing
 - Marketing Seminar
 - Choose one elective: Accounting, Microsoft Office Essentials

Subject	Grade	Prerequisite	Length / Credit
ACCOUNTING	11-12	None	2 sem / 1 cr
This year-long course is designed to provide the student with an opportunity to acquire useful skills in the "Language of Business." Students will become competent in completing financial records for any type of business, along with developing additional skills in keyboarding speed and accuracy, leadership, self-management, and safety. The student will learn to use Peachtree Accounting modern computerized accounting methods. This class is recommended for any college-bound student who intends to pursue a career in accounting or business, as well as any student who has an interest in business or may one day operate their own business. V, 3M			
<i>Juniors and seniors: see math department course description section for math credit equivalency options.</i>			
BUSINESS COMMUNICATIONS	10-12	Prerequisite	1 sem / 0.5 cr
Industry certification option			
This course is designed to help students develop their communication skills and become career and college ready. Students will review the fundamentals of grammar, sentence structure, punctuation, capitalization, and spelling, while learning how to incorporate written, verbal, visual, and digital communications into a clear message for success. Through a variety of individual and group activities, students will develop skills needed to be effective communicators in our fast pace, changing society. Course objectives will be based on industry standards. V, E			

BUSINESS LAW Tech Prep Course	10-12	None	1 sem / 0.5 cr
<p>This course is designed to acquaint students with the basic legal principles common to business and personal activities they will use throughout their lives. Students will study true situations that show how business and personal law impacts not only business, but the lives of young people and adults as well. Students will gain knowledge to become informed citizens and consumers by focusing on the following topics: business ethics, the law of contracts, sales law, consumer law, employment law, personal property law, real property law, risk management, insurance, environmental law, laws relating to finance, and government effects on business. Leadership, self-management, and safety will be emphasized throughout the course. V, C</p> <p><i>Upon successful completion of this course, (B or higher), college credits may be granted.</i></p>			
BUSINESS PROJECTS Tech Prep Course	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
<p><i>*Prerequisite: DigiTools or Microsoft Office Essentials</i></p> <p>This is a project based course that integrates knowledge and skills in meaningful work-related applications through real-world projects. By mastering the responsibilities of different departments within a simulated company, students will learn about the operation of a small business while integrating realistic business practices and Microsoft 2016 software skills. They will develop communication, internet research, teamwork, critical thinking and essential organizational skills for today's rapidly changing business environment. The dynamics of current and future office technology, along with leadership, self-management, and safety will be emphasized throughout the course. V, P, C</p> <p><i>Upon successful completion of this course, (B or higher) college credits may be granted.</i></p>			
DESKTOP PUBLISHING	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
<p><i>*Prerequisite: DigiTools or Microsoft Office Essentials strongly recommended</i></p> <p>Microsoft Imagine Academy Course – Microsoft Office Certification Option</p> <p>This course is designed to teach students to use advanced Microsoft Office features, Adobe applications, and design concepts to create visually appealing, sophisticated, illustrations, images, and business and personal documents. Students will plan, design, and evaluate documents and efficiently use the features of Microsoft Office 2016 and Adobe CS5 Illustrator, Photoshop, and InDesign. The dynamics of current and future office technology, along with leadership, self-management, and safety will be emphasized throughout the course. Course objectives will be based on industry standards and completion of this course may lead to Microsoft Certification. V, FA</p>			
DIGITAL COMMUNICATION TOOLS (DigiTools)	9-12	None	1 sem / 0.5 cr
<p>Microsoft certification option</p> <p>This course is designed to introduce students to new and emerging communication and input technologies and will emphasize keyboarding as a basic communication skill and lifelong learning tool. Students will gain proficiency in how to use the computer as a business and personal tool through the use of Microsoft Applications and keyboarding software. They will master proper input technology skills with a focus on technique and speed that will be valuable in their academic life and in the world of work. Students will also develop additional skills in leadership, self-management, and safety. This is a foundational course for students in the Business and Marketing Pathway. V</p>			
ECONOMICS MICRO	10-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
ECONOMICS MACRO	10-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
<p><i>*Prerequisite: Algebra 1</i></p> <p>Economics is the study of the production, distribution, and consumption of goods and services. This course will cover economic theories used as tools for critical thinking to show how the economy operates. Emphasis is placed on causes and consequences of unemployment and inflation and how they affect the well-being of people. The use of government spending, taxation, and the monetary system to shape the economy will be examined. The role of energy and natural resources in shaping our economic future will be explored. The course will also explore an individual's relationship to the supply-and-demand of goods and service using tools of economic analysis. Students may enroll for the full year or take either semester. Enrollment in the first semester is not required for enrollment in the second semester. V, 3M</p> <p><i>Juniors and seniors: see math department course description section for math credit equivalency options.</i></p>			
EVENT PLANNING / PRINCIPLES OF LEADERSHIP	9-12		2 sem / 1 cr
<p>This course is designed to help students understand, organize and follow through with planning events and activities. The class is primarily experientially based and emphasizes the importance of communication, character, personal growth, and building strong relationships and teams. Also covered will be listening skills, synergy, perceptions, conflict styles,</p>			

personality, and group formation. A variety of initiatives will be used to facilitate the learning of skills and, along with various media, reinforce those skills throughout the year. Students will be given opportunities to manage team and individual decisions that will benefit a group of people rather than themselves. *Required for ASB and Class Officers. V, R

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

EVENT PLANNING /

LEADERSHIP CONNECTIONS

10-12

*Prerequisite**

2 sem / 1 cr

**Prerequisite: Teacher permission*

This course is a high level event planning/leadership class designed to empower and give students the opportunity to become successful leaders and contributors in the school and community. A key aspect of this class is the application and modeling of concepts learned in Event Planning/Principles of Leadership to help build and strengthen our positive culture and getting results of what we want to see more of on our campus. Students in the class will strive to involve as many students as possible in activities.

*Required second year ASB and Class Officers or with successful completion of Event Planning/Principles of Leadership. V, R, T

INTRODUCTION TO BUSINESS

9-12

None

1 sem / 0.5 cr

This course is designed as an overview of business and technology skills required for today's business environment. Students will gain basic understanding of general business, accounting, communications, economics, entrepreneurship, ethics, marketing, finance, and the government's role in business. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways. The co-curricular student organization, Future Business Leaders of America (FBLA), is an integral component of this course.

MARKETING-ADVANCED

10-12

*Prerequisite**

2 sem / 1 cr

Tech Prep Course

**Prerequisite: C and above in Social Media Marketing or Sports Marketing and strongly encouraged to join DECA & teacher permission required*

This year-long course prepares individuals to undertake and manage the process of developing consumer audiences and moving products from producers to consumers. Includes instruction in buyer behavior and dynamics, principles of marketing research, demand analysis, cost-volume and profit relationships, pricing theory, marketing campaign and strategic planning, market segments, advertising methods, sales operations and management, consumer relations, retailing, and application to specific products and markets. Technology, workplace skills, communication, team building, problem solving, and leadership will be emphasized throughout the curriculum. Marketing simulations, projects, teamwork, DECA leadership activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies. C, P, V
Upon successful completion of this course (B or higher), college credits may be granted.

MARKETING - INDEPENDENT

12

*Prerequisite**

2 sem / 1 cr

**Prerequisite: B and above in Seminar Marketing; strongly encouraged to join DECA, and teacher permission required*

This year-long course was designed for students who have a desire to master Marketing – Independently continuing their understanding of how to run a Small Business. Students will have the ability of implementing the techniques studied in class. This course focuses on the general process and techniques of direct wholesale and retail buying and selling operations and introduces individuals to related careers. Includes instruction in the principles of entrepreneurial; economics, basic sales skills, the distribution channels for goods and services, and supervised practical application experience. Employability skills, technology, workplace skills, problem solving, and leadership will be emphasized throughout the curriculum. Employability skills, technology, workplace skills, problem solving, and leadership will be emphasized throughout the curriculum. Marketing simulations, projects, teamwork, DECA leadership activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies. P, V, C

MARKETING SEMINAR – SMALL BUSINESS

11-12

*Prerequisite**

2 sem / 1 cr

Tech Prep Course

**Prerequisite: B and above in Advanced Marketing; strongly encouraged to join DECA, and teacher permission required*

This year-long course was designed for students who have a desire to master Marketing – Small Business skills with an emphasis on starting and managing a small business. This course focuses on the general process and techniques of direct wholesale and retail buying and selling operations and introduces individuals to related careers. Includes instruction in the principles of entrepreneurial; economics, basic sales skills, the distribution channels for goods and services, and supervised practical application experience. Employability skills, technology, workplace skills, problem solving, and leadership will be emphasized throughout the curriculum. Employability skills, technology, workplace skills, problem solving, and leadership will be emphasized throughout the curriculum. Marketing simulations, projects, teamwork, DECA leadership activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies. P, V, C
Upon successful completion of this course (B or higher), college credits may be granted.

MARKETING –**SPORTS & ENTERTAINMENT**

9-12

None

2 sem / 1 cr

Strongly encouraged to join DECA

The Sports and Entertainment Marketing first semester course will prepare students to perform basic marketing functions in a variety of areas, such as sporting events, amusement parks, entertainment venues and athletic related merchandise. Students study marketing foundations and principles, including products, pricing, promotion, finance, selling, branding, licensing and product/service planning. The second semester will emphasize the following principles as they apply to the industry: business management, professional development, client relations, promotion, legal issues, and contacts, sponsorships and marketing research. Marketing simulations, projects, teamwork, DECA leadership activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies. V, FA

MICROSOFT OFFICE ESSENTIALS

9-12

None

1 sem / 0.5 cr

Tech Prep Course/ Microsoft Imagine Academy Course – Microsoft Office Certification Option

This course is designed to provide students with entry level computer applications skills for personal use and employment. Students will become proficient users of Microsoft Office 2016 through a series of unique exercises, quizzes, and application problems taken from realistic business situations. The Microsoft Office Applications used will include Excel (spreadsheets), Word (word processing), Access (databases), and Publisher (desktop publishing). The dynamics of current and future office technology, along with leadership, self-management, and safety will be emphasized throughout the course. This is a foundational course for students in the Business and Marketing Pathway. Course objectives will be based on industry standards and completion of this course may lead to Microsoft Certification. C, V

Upon successful completion of this course (B or higher), college credits may be granted.

MICROSOFT OFFICE EXPERT

9-12

Prerequisite*

1 sem / 0.5 cr

Tech Prep Course/Microsoft Imagine Academy Course – Microsoft Office Certification Option

**Prerequisite: DigiTools or Microsoft Office Essentials recommended*

This course is designed to provide students with advanced word processing skills for personal use and employment. Students will become proficient users of Microsoft Office Word 2016 through a series of instructions, exercises, quizzes, and real world application problems. Students will learn to use Microsoft Office Word 2016 as a tool for creating professional looking documents that today's information driven world demands from business, governments, schools, and virtually every organization that needs to communicate. Microsoft Office Expert will take students from creating simple documents to using many of Word's automated features and creating Web pages. The dynamics of current and future office technology, along with leadership, self-management, and safety will be emphasized throughout the course. Course objectives will be based on industry standards and completion of this course may lead to Microsoft Certification. C, V

Upon completion of this course (B or higher), college credits may be granted.

MICROSOFT OFFICE MULTIMEDIA

9-12

Prerequisite*

1 sem / 0.5 cr

Tech Prep Course/Microsoft Imagine Academy Course – Microsoft Office Certification Option

**Pre-requisite: Microsoft Office Essentials or DigiTools recommended*

This course is designed to teach students to use advanced computer applications that are useful in today's business world. Students will become proficient users of Microsoft PowerPoint 2016 and learn to create well organized, effectively designed presentations through a series of unique exercises taken from realistic business situations. It is ideal for students who are new to the world of computers, yet in-depth enough to teach and challenge more savvy users. There is more to learning a presentation graphics program like Microsoft Office PowerPoint 2016 than simply keying text on colored backgrounds and calling the result a presentation. You need to know how to use PowerPoint in a real-world situation. The dynamics of current and future office technology, along with leadership, self-management, and safety will be emphasized throughout the course. Course objectives will be based on industry standards and completion of this course may lead to Microsoft Certification. C, V

Upon successful completion of this course (B or higher), college credit may be granted.

MONEY MANAGEMENT BUSINESS

10-12

Prerequisite*

1 sem / 0.5 cr

**Prerequisite: Algebra 1*

Industry certification option

This course is designed to help students understand the decision making process in a business setting and how it can impact a business's ultimate earning potential. Students will be introduced to personnel, purchasing, advertising and overhead costs as well as costs involved in the marketing of a product. They will successfully master financial concepts that will affect them in any kind of business setting. Real world topics covered will include banking, spending and credit, housing, insurance, taxes, retirement and investing within a business. The dynamics of current and future office technology, along with leadership, self-management, and safety will be emphasized throughout the course. V, 3M

Juniors and seniors: see math department course description section for math credit equivalency options.

MONEY MANAGEMENT PERSONAL	10-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
----------------------------------	-------	----------------------	----------------

**Prerequisite: Algebra 1*

Industry certification option

This course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Students will be introduced to fundamental personal economic concepts so they can identify and manage resources to achieve their own economic goals and make informed personal financial decisions. They will successfully master financial concepts that will affect them from high school to retirement. Real world topics covered will include personal banking, spending and credit, housing, insurance, taxes, retirement and investing. The dynamics of current and future office technology, along with leadership, self-management, and safety will be emphasized throughout the course. **V, 3M**

Juniors and seniors: see math department course description section for math credit equivalency options.

WEB PAGE DESIGN	10-12	<i>Prerequisite*</i>	1-2 sem / 0.5-1.0 cr
------------------------	-------	----------------------	----------------------

**Prerequisite: Computer knowledge (Basic Algebra)*

A course that prepares individuals to apply HTML, XML, JavaScript, graphic applications, and other authoring tools to the design, editing, and publishing, (launching) of documents, images, graphics, sound, and multimedia products on the World Wide Web. Includes instruction in internet theory; web page standards and policies; elements of web page design; user interfaces; vector tools; special effects; interactive and multimedia components; search engines; navigation; morphing; ecommerce tools; and emerging web technologies. **V, R, T**

WORKSITE EXPERIENCE

(Business & Marketing)	10-12	<i>Prerequisite*</i>	see note☞
------------------------	-------	----------------------	-----------

**Prerequisite: At least age 16 and enrolled and passing in (or successfully completed) a business course.*

☞ This course is an employment phase of a business course. Students may be released for a maximum of two class periods per day to apply their classroom learning to the world of work and obtain on-the-job training from their employer/supervisor (180 hours = .5 credit). A teacher / coordinator will work with the community to set up training sites that match the student's occupational goal and to supervise the worksite experience. The job must be in compliance with the Fair Labor Standards Act. **T,R,V**

If students are laid off or quit, they may be dropped from the class with no credit awarded.

BUSINESS DEPARTMENT ASSISTANT

(PAHS)	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
--------	-------	----------------------	----------------

**Prerequisite: Department Chairperson approval*

Department Assistants will use their technology and business skills to assist students, teachers, and the Career and Technical Education Department. **V, R, T**

BUSINESS ADMINISTRATIVE ASSISTANT

(Elementary or Middle School)	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
-------------------------------	-------	----------------------	--------------

**Prerequisite: Teacher permission and GPA of 2.5*

This is a one or two-period class in which juniors and seniors work in conjunction with a cooperating teacher or secretary in one of our elementary schools or SMS. This class gives the students first-hand experience in working with the public, young people, and an office environment. Grading will be on a satisfactory, unsatisfactory basis. **V, R, T**

ENGLISH

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	CADR	English
		√		AP ENGLISH LANGUAGE & COMPOSITION	ENG 111/112	YEAR	◆	◆	◆	◆
			√	AP ENGLISH LITERATURE & COMPOSITION	ENG 125/126	YEAR	◆	◆	◆	◆
		√		BRIDGE TO BRIDGE	ENG 153/154	YEAR	◆			
			√	BRIDGE TO COLLEGE	ENG 151/152	YEAR	◆		◆	◆
√	√	√	√	DRAMA	ENG 115	SEM			◆	◆
√	√	√	√	DRAMA II	ENG 117	SEM	◆	◆	◆	◆
√	√	√	√	DRAMA III	ENG 118	SEM	◆	◆	◆	◆
√				ENGLISH 9	ENG 093/094	YEAR			◆	◆
√				ENGLISH 9, HONORS	ENG 091/092	YEAR			◆	◆
	√			ENGLISH 10	ENG 103/104	YEAR			◆	◆
	√			ENGLISH 10, HONORS	ENG 101/102	YEAR			◆	◆
		√		ENGLISH 11, AMERICAN LITERATURE	ENG 119/120	YEAR			◆	◆
			√	ENGLISH 12A	ENG 141	SEM			◆	◆
			√	ENGLISH 12B/DIVERSE VOICES	ENG 144	SEM			◆	◆
			√	ENGLISH 12B/HEROES THAT ENDURE	ENG 146	SEM			◆	◆
			√	ENGLISH 12B/MYTHS AND LEGENDS	ENG 142	SEM			◆	◆
	√	√	√	JOURNALISM (TIMBERLINE)	ENG 131/132	YEAR	◆	◆	◆	◆
√	√	√	√	JOURNALISTIC WRITING	ENG 113	SEM			◆	◆
√	√	√	√	WRITER'S WORKSHOP	ENG 134	SEM			◆	◆
		√	√	YEARBOOK	ENG 157/158	YEAR	◆	◆	◆	◆

The first learning goal the State of Washington has established for students is what our English classes are about: “Read with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings.” The primary purpose of our classes is to help students reach this goal.

The school district requires 4.0 credits in English for graduation. No more than one of these credits may come from our production courses.

We offer Honors English courses for grades 9-12 for those students who want academically challenging classes and who want the best preparation for college.

Regular Program

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

BRIDGE TO BRIDGE ENGLISH	11	Prerequisite*	2 sem / 1.0 cr
---------------------------------	----	---------------	----------------

**Prerequisite: A score of level 2 on the ELA SBA in 10th grade*

This year-long course focuses on language arts readiness for juniors. It is designed to prepare students for career or college readiness, focusing on critical reading, academic & professional writing, speaking and listening, research and inquiry, and language use. Students completing this course will be equipped to pass the ELA SBA in their senior year.

This course meets the Junior year American Lit requirement

BRIDGE TO COLLEGE	12	Prerequisite*	2 sem / 1 cr
--------------------------	----	---------------	--------------

**Prerequisite: Completion of English 11; score of 2 on state test*

This year-long course focuses on state language arts readiness standards for college. It is designed to prepare students for entrance in credit-bearing courses in college, addressing critical reading, academic writing, speaking and listening, research and inquiry, and language use. Students completing this course will be equipped to engage in college-level work in English.

ENGLISH 9	9	None	2 sem / 1 cr
------------------	---	------	--------------

This is a year-long class. Students may not change teachers at the semester. The work in this course emphasizes writing essays, understanding our language and how people use it, practicing the speaking and listening skills necessary for effective communication, and reading literature. Students must successfully complete four major writing assignments and two speeches each semester in order to pass.

ENGLISH 10	10	None	2 sem / 1 cr
-------------------	----	------	--------------

This is a year-long class. Students may not change teachers at the semester. The work in this course emphasizes writing essays, understanding our language and how people use it, practicing the speaking and listening skills necessary for effective communication, and reading literature. Students must successfully complete four major writing assignments and two or three speeches each semester in order to pass.

ENGLISH 11 – AMERICAN LITERATURE	11	None	2 sem / 1 cr
---	----	------	--------------

This is a year-long class introducing students to the major themes, works, and writers of American literature. Students may not change teachers at the semester. Students will read, discuss, and write about fiction, nonfiction, poetry, and drama that is representative of America and its culture.

ENGLISH 12A and 12B	12	None	2 sem / 1 cr
----------------------------	----	------	--------------

This year-long course emphasizes writing skills useful in college and work after high school. Students will also have the opportunity to study challenging literature and issues involving mass media, as well as to lead a seminar discussion. All students will take English 12A in common first semester, but will choose from among several senior electives for English 12B second semester (see below).

Senior Electives (all offered second semester)

Students should only sign up for one of the following electives for English 12B. It is recommended that students list their second choice of elective as an alternate choice when registering in case there is no room in their first choice.

ENGLISH 12B – MYTH AND LEGENDS	12	None	1 sem / 0.5 cr
---------------------------------------	----	------	----------------

This semester-long course provides students the opportunity to read and explore a wide range of myths and legends from multiple cultures around the world. Students will also be introduced to Greek drama.

ENGLISH 12B – DIVERSE VOICES/DIVERSE PERSPECTIVES	12	None	1 sem / 0.5 cr
--	----	------	----------------

This semester-long course explores literature from authors who come from a variety of backgrounds and who offer unique perspectives on life and the human condition.

ENGLISH 12B – TRIALS AND TRIUMPHS: HEROES THAT ENDURE	12	None	1 sem / 0.5 cr
--	----	------	----------------

This semester-long course focuses on several classic works of literature, all of which have at their center characters who endure great trials in life and who face issues ranging from redemption, to forgiveness, revenge, overcoming one's nature, social injustice, personal virtue, and self-realization.

Honors Program

The courses are intended for those students who are seriously considering a four-year college after high school. Students in these courses can expect a considerable amount of work and high expectations from teachers on the efforts students make toward completing the assigned work.

Subject	Grade	Prerequisite	Length / Credit
HONORS ENGLISH 9 This is a year-long course emphasizing the reading, writing, speaking, and listening skills students need for future success in high school, honors classes, and college. The work is at a more advanced level, using more challenging literature, with special emphasis on understanding the techniques of literary analysis, as well as the study of vocabulary and language usage. Enrollment in this class may be limited to the most qualified students. **	9	None	2 sem / 1 cr
HONORS ENGLISH 10 This year-long course helps students develop their writing skills at a more advanced level. The work of this course emphasizes essay writing, vocabulary, language study, the reading of challenging literature, and the preparation of a research paper. Enrollment in this class may be limited to the most qualified students. **	10	None	2 sem / 1 cr
AP LANGUAGE AND COMPOSITION <i>*Prerequisite: teacher permission</i> This is a year-long comprehensive course in language, rhetoric, and writing especially designed for those students who wish to be competitive on the college level. Readings will focus primarily on works of American literature. Students will be prepared to take the Advanced Placement exam in Language and Composition in May. Enrollment may be limited to the most qualified students. **	11	<i>Prerequisite*</i>	2 sem / 1 cr
AP ENGLISH LITERATURE AND COMPOSITION <i>*Prerequisite: teacher permission</i> This is a year-long comprehensive course in literature, language, and writing especially designed for those students who wish to be competitive on the college level. It also prepares students for the Advanced Placement examination in English literature, which is encouraged but not required. Enrollment may be limited to the most qualified students. **	12	<i>Prerequisite*</i>	2 sem / 1 cr

GENERAL ENGLISH ELECTIVES

Note: Students cannot enroll in Drama, Drama II, Drama III, Speech & Debate I, Writer's Workshop, or Journalistic Writing without also enrolling in the appropriate required English class (English 9, English 10, English 11, or English 12). This restriction does not apply to seniors who have already earned 4.0 credits in English.

Subject	Grade	Prerequisite	Length / Credit
DRAMA This course introduces the fundamentals of acting and various methods of characterization. Students will learn stage presentation and essential techniques for performing in front of an audience. Stagecraft and technical design are also key components included in this course of study. Students may not repeat this class. E, FA	9-12	None	1 sem / 0.5 cr

DRAMA II	9-12	Prerequisite	1 sem / 0.5 cr
-----------------	------	--------------	----------------

Prerequisite: Successful completion of Drama I and teacher permission

This course is designed for students who are interested in production and performance and is meant to increase students' skills in acting, character development, directing, playwriting, and play analysis. Coursework will include dramatic scene work, playwriting, theatre history, and play analysis of various genres.

DRAMA III	9-12	Prerequisite*	1 sem / 0.5 cr
------------------	------	---------------	----------------

**Prerequisite: Successful completion of Drama I and Instructor's Permission*

This class transfers and applies the knowledge and skills developed in Drama I and II on live performance and productions within the community. This class is repeatable, but no more than .5 credits can be used to meet graduation requirements in English. The following are the productions that this class will plan, rehearse, and perform:

- Student directed one-acts (for evening public viewing).
- One in-school production for district elementary school and middle school students—includes evening performance for the community.
- One in-school production for district kindergartners—includes evening performance for the community.

E, FA

JOURNALISTIC WRITING	9-12	None	1 sem / 0.5 cr
-----------------------------	------	------	----------------

This course familiarizes students with the various fields of journalism and with journalism as a career. This course stresses techniques of observation, interviewing, reporting, and news writing. This course will prepare those students who wish to write for the school newspaper.

WRITER'S WORKSHOP	9-12	None	1 sem / 0.5 cr
--------------------------	------	------	----------------

This course is designed to provide students with the opportunity to develop their creative writing skills in fiction, nonfiction, and poetry. Students will learn the basic elements of creative writing. Considerable class time will be spent writing and reviewing students' writing. **Students may not repeat this class.**

INDEPENDENT STUDY

ENGLISH SKILLS	12	Prerequisite*	1 sem / 0.5 cr
-----------------------	----	---------------	----------------

This semester course reinforces language arts readiness for students to be career or college ready. It is designed for students that want to work on English credit independently or need skill remediation to pass the English Language Arts Smarter Balanced Assessment, a state graduation requirement. We will build basic reading and writing skills using the Step Up to Writing model and then students will choose from an approved list that comes with its own work (chapter questions, essay, projects, vocab, etc.) Students get to choose what they work on and when they work on it, allowing for individualized instruction, once they pass the state test.

Production Courses

Note: Even though students can repeat production classes, only 1 credit in production classes counts toward the 4.0 credits in English required for graduation.

JOURNALISM	10-12	Prerequisite*	2 sem / 1 cr
-------------------	-------	---------------	--------------

**Prerequisite: teacher permission*

This year-long course produces the *Timberline*, the school newspaper. Class work includes reporting, news writing, and the physical business of putting the newspaper together. **R**

YEARBOOK	11-12	Prerequisite*	2 sem / 1 cr
-----------------	-------	---------------	--------------

**Prerequisite: teacher permission*

This class produces the *Tum Tum*, the yearbook for the school. Students will gather, prepare, interpret, and publish the records and history of the school without prejudice. **R**

Industrial Technology and Trades

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Repeatable for Credit	Career & Tech	Tech Prep Credit	Fine Arts	Mathematics
	√	√	√	ARCH DRAW I & II	TRD 411/412	SM/YR	◆			◆			
√	√	√	√	AUTO TECHNOLOGY	TRD 500	SEM				◆	◆		
	√	√	√	AUTO TECHNOLOGY, INDEPENDENT	TRD 511/512	SEM	◆	◆		◆			
	√	√	√	CABINETMAKING - 2 HOUR BLOCK	TRD 801/802	YEAR	◆	◆		◆			◆
	√	√	√	CAD I & II	TRD 421/422	SM/YR	◆			◆			
√	√	√	√	COLLISION REPAIR	TRD 451/452	SEM				◆			
	√	√	√	COLLISION REPAIR / REFINISH INTERMED/ADVANCED	TRD 453-456	SEM				◆		◆	
√	√	√	√	COMPUTER FORENSICS	TRD 342	SEM				◆	◆		
		√	√	COMPUTER SCIENCE A, AP	TRD 361/362	YEAR	◆			◆			
√	√	√	√	CYBER SECURITY	TRD 341	SEM				◆	◆		
√	√	√	√	DESIGN & FABRICATION S1 /S2	TRD 101/102	SEM				◆			
√	√	√	√	FINE WOODWORKING 1	TRD 841	SEM			◆	◆		◆	
√	√	√	√	FINE WOODWORKING 2	TRD 842	SEM	◆		◆	◆		◆	
	√	√	√	FINE WOODWORKING 3	TRD 843	SEM	◆						
	√	√	√	FINE WOODWORKING 4	TRD 844	SEM	◆						
√	√	√	√	INTRO TO WELDING	TRD 457	SEM	◆						
√	√	√	√	MACHINE SHOP I	TRD 700	SEM				◆			
	√	√	√	MACHINE SHOP II	TRD 721/722	SM/YR	◆	◆		◆		◆	
		√	√	MACHINE SHOP III – 2 HOUR BLOCK	TRD 731/732	SM/YR	◆	◆		◆		◆	◆
√	√	√	√	MACHINE SHOP, INDEPENDENT	TRD 711/712	SM/YR	◆	◆	◆	◆			
		√	√	MEDICAL CAREERS	MED 649/650	YEAR				◆	◆		
	√	√	√	MEDICAL TERMINOLOGY	MED 647/648	YEAR				◆			
√	√	√	√	RIDER NEWS	TRD 365/366	YEAR							
√	√	√	√	TECHNICAL DRAWING 1	TRD 441	SEM				◆			
√	√	√	√	TECHNICAL DRAWING 2	TRD 442	SEM	◆			◆			
√	√	√	√	THEATRE TECHNOLOGY	TRD 371/372	YEAR			◆				
√	√	√	√	VIDEO GAME PROGRAMMING 1	TRD 353/354	YEAR	◆			◆			
√	√	√	√	VIDEO PRODUCTION	TRD 363/364	YEAR							
	√	√	√	WOODWORKING, INDEPENDENT	TRD 851/852	SM/YR	◆	◆	◆	◆			
	√	√	√	WORKSITE EXPERIENCE	TRD 901/902	SM/YR	◆	◆	◆				

Courses in industrial technology and trades provide students with a hands-on approach to learning about materials, tools, machines, and processes used in various industries and occupations. The student will learn and practice skills in a setting similar to the work place. Skills can be learned in automotive technology, auto body and welding, drafting, computer electronics, health



occupations, and machining and wood technologies. Skills learned can be used in everyday life or as preparations for a job. AP Computer Science counts as “math based” science class which meets the state college entry requirement for math in the senior year.

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

ARCHITECTURAL DRAWING 1

ARCHITECTURAL DRAWING 2 10-12 Prerequisite* 1 sem / 0.5 cr

*Prerequisite: Technical Drawing I & II

Introduces SketchUp software to develop fundamental skills for architectural drafting. Course includes creating the drawings necessary to complete a set of plans for a standard western style dwelling. V

AUTO TECHNOLOGY

9-12 None 1 sem / 0.5 cr

Tech Prep Course

This class is designed to give students entry-level knowledge of today’s highly technical automobiles. Engine theory and several other introductory automotive topics will be discussed. Students can use this class as a *prerequisite* for the intermediate auto tech or simply use it to gain real world, basic knowledge of the one thing everyone uses, the automobile. V, C

INDEPENDENT AUTO TECHNOLOGY

10-12 Prerequisite* 1 sem / 0.5 cr

*Prerequisite: “B” or better in Auto Tech and teacher permission

Students will learn the latest technologies of the automotive industry while preparing for post-secondary instruction or internship positions. The possibilities for learning many different aspects of vehicle subsystems are infinite. Reading, writing, and computer skills will be used on a daily basis. T, V

CABINETMAKING

10-12 Prerequisite*

*Prerequisite: Design and Fabrication or Fine Woodworking with a grade of C+ or better; Technical Drawing 1 and 2 recommended, teacher permission

☞ This course is 2 periods/2 semesters and will receive 2 credits

This is a two-hour class in which the student will learn the basics needed to plan, build and finish cabinets and other handcrafted wooden products. The student will work through a series of projects, as well as written work. This class is for the student who thinks he/she may want a career building wood products, or enjoys working with wood. Juniors and seniors: see math department course description section for math credit equivalency options. Student must be co-enrolled and passing wood advisory to receive math credit. \$, T, 3M, R, V

COMPUTER AIDED DRAFTING – CAD1

COMPUTER AIDED DRAFTING – CAD2 10-12 Prerequisite* 1 sem / 0.5 cr

*Prerequisite: Technical Drawing I & II

Introduces Solidworks software to develop skills to create, edit, and print engineering and architectural drawings. V

CYBERSECURITY

9-12 1 sem / 0.5 cr

COMPUTER FORENSICS

9-12 1 sem / 0.5 cr

Introduces students to cybersecurity and computer forensics with careers including cyber incident response, vulnerability detection and assessment analyst, computer forensic analyst, computer forensic investigator, security architect, information security officers, among others. Topics include computer networking, ethical penetration testing, evidentiary analysis, and the development of a forensically sound and secured environment. The legal, ethical, and theoretical issues in cybersecurity and computer forensics technology will be introduced as well as the work place skills needed to succeed in this industry. V, C

AP COMPUTER SCIENCE A

11-12 Prerequisite* 2 sem / 1 cr

*Prerequisite: Algebra II

Recommended: Video Game Programming I

The course is designed for students who plan to pursue a career in computer science. Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving, algorithm development, study of data structures and abstraction. Using the Java programming language, the course is meant to be the equivalent of a first-semester college level course in computer science. No computer programming experience is necessary; however, a strong math background is required. This course is preparation for the Advanced Placement Exam. There is a fee for the AP Exam. V

Subject	Grade	Prerequisite	Length / Credit
COLLISION REPAIR	9-12	None	1 sem / 0.5 cr
This course will include instruction in the following: Welding safety, plasma cutting and mig welding. It will also include the following in collision repair: safety, tool identification and use, simplified metal repairs, power tools and equipment. Student will learn surface preparation, refinishing materials, refinishing equipment, and basic finish application			
COLLISION REPAIR AND REFINISHING			1.0 cr per sem
This course will include instruction in the following: body shop safety, auto body construction, metal repairs, plastic repairs, surface prep refinish material and equipment, refinishing, structural alignment, replacing panels and components, glass, electrical, estimating, career opportunities, and employment skills. The student may be assessed some costs for materials used in personal projects and for personal safety equipment. Personal safety glasses are required. A passing grade is needed for enrollment in second semester. \$, FA			
DESIGN & FABRICATION	9-12	None	
☞ May be taken for 1 or 2 semesters and receive 0.5 or 1.0 credit			
This course may be taken for one semester or for a full year. Topics include drafting, wood technology, metal work, electricity, and technology. This course is highly recommended for any students who would like to take any additional industrial or trades courses. The program will contain shop procedures involving both hand and power tools, with considerable emphasis on shop safety. <i>Drafting</i> provides an introduction to equipment and multi-view drawings for shop projects. <i>Wood technology</i> provides an introduction to hand and power tools, safety and operations in the milling and assembly of wood products. <i>Metals</i> provide an introduction to sheet metal fabrication. <i>Electricity</i> provides an introduction to the world of practical house wiring. <i>Technology</i> provides an introduction to design, building, and engineering. \$, V			
FINE WOODWORKING 1	9-12	None	1 sem / 0.5 cr
This one-period class will begin to teach the basics of wood technology. The student will begin with hand tools and progress through power tools. Student is required to do pre-assigned projects that teach specific knowledge and skills. \$, FA, R, V			
FINE WOODWORKING 2	9-12	Prerequisite*	1 sem / 0.5 cr
*Prerequisite: Fine Woodworking 1			
This is a one-period class that is a continuation of Fine Woodworking. The student will be progressing through more difficult projects that will require using skills learned in Fine Woodworking. The student will have assigned projects. \$, FA, R, V			
FINE WOODS 3-4	10-12	Prerequisite*	1 sem / 0.5 cr
*Prerequisite: Fine Woods 1-2 with a C or better			
This class is open to students that have successfully completed Fine Woods 1-2. Students will learn furniture construction and build chairs, desks, dining room tables, etc. \$, V			
INDEPENDENT MACHINE SHOP	10-12	Prerequisite*	1 or 2 sem / 0.5-1.0 cr
*Prerequisite: teacher permission			
The student needs to have the instructor's permission, successfully completed a year of Machine Shop I or Machine Shop II, and have a project in mind that they want to work on before signing up. \$, R, T			
INDEPENDENT WOODWORKING	10-12	Prerequisite*	
*Prerequisite: teacher permission			
☞ 1 or 2 semesters and receive 0.5-1.0 credit			
The student needs to have the instructor's permission, successfully completed a year of Fine Woods or Cabinetmaking, and have a project in mind that they want to work on before signing up. \$, R, V, T			
INTRO TO WELDING	9-12	Prerequisite*	1 sem / 0.5 cr
*Prerequisite: 9 th grade with teacher permission			
This course will include instruction on the following: Welding safety, plasma cutting, mig welding and spoolgun welding aluminum. This course is an introduction to the field of collision repair and welding technology.			

Subject	Grade	Prerequisite	Length / Credit
MACHINE SHOP I May be taken for 1 or 2 semesters and receive 0.5-1.0 credits This program is designed for the student who is interested in exploring the machining trade. A machinist is a person who can take the raw materials and manufacture a finished part, either by copying an existing part or by taking the information off of a drawing (blueprint). This person needs the following skills: hand eye coordination, the ability to visualize the finished part, basic math skills, and reading skills. Items covered are measuring systems, safety, use of hand tools, and use of basic machines related to the machining industry. \$, V, R <i>This class is a prerequisite for Machine Shop II and Machine Shop III</i>	9-12	None	1 or 2 sem / 0.5-1.0 cr
MACHINE SHOP II ☛ May be taken for 1 or 2 semesters and receive 0.5-1.0 credits <i>*Prerequisite: Machine Shop I, teacher permission</i> This is a one period class that is a continuation of Machine Shop I. The student will be progressing through more difficult projects that will require using skills learned in Machine Shop I. The student will have assigned projects. Students who qualify may obtain a Fine Arts credit. \$, FA, T	10-12	Prerequisite*	
MACHINE SHOP III ☛ Two periods for one or two semesters and receive 1 or 2 credits <i>*Prerequisite: Machine Shop I, teacher permission</i> This program is to train students in the basic operation of machine tools, processes, and development. This program will help students develop good work habits for industry. It will help the students obtain a good background and knowledge of mathematics and blueprint reading for industry. Students will be trained on computerized machining in both CNC lathe and CNC milling. This course requires enrollment in third, and fourth periods. Safety glasses and a shop card are required. Note: The outlook for employment in the machinist trade is very good, with 100% employment. Juniors and Seniors: see math department course description section for math credit equivalency options. \$, FA, 3M, V, T	11-12	Prerequisite*	
MEDICAL CAREERS During the first semester students will gain knowledge and skills related to healthcare systems, pathways in the profession, medical ethics, safety, professional conduct, and healthcare communication. Primary focus is within the field of nursing with time to research and explore many healthcare careers. On completion of first semester, students will have the opportunity to explore healthcare disciplines such as Nursing, Physical Therapy, Lab and Diagnostics, Radiology, etc. Emphasis is placed on community involvement and students participate in a variety of community-based health and social events. Students successfully completing the nursing assistant training are eligible to take the WA Nursing Assistant Certification exam. Leadership activities include Skills USA for Medical Careers, the PAHS Medical Careers Club, planning of the Spring Health Activity & Recreation Event hosted by the students of the Health Science class.	11-12	None	1.0 cr per semester
MEDICAL TERMINOLOGY This course is designed for students considering a health career and those who want to know more about human anatomy. This program uses sound-alikes (audionyms) with a visual presentation, making medical terms easy and fun to learn. This course has been expanded to a full year allowing more focus on human anatomy. There will be a biological dissection component. This course is highly recommended for anyone considering the Health Sciences course through NOPSC. V	10-12	None	2 sem / 1 cr
RIDER NEWS Students produce a weekly broadcast that covers everything going on at Port Angeles High School – operating professional equipment to film and edit the news program that is watched by the whole school. FA, V	9-12	None	2
TECHNICAL DRAWING 1 TECHNICAL DRAWING 2 Introduces technical drafting fundamentals and skill development through exercises in lettering, technical sketching, orthographic projection, sectionals, fasteners, theory and applications of dimensioning and tolerances. Includes pictorial drawing, and preparation of working and detailed drawings. V	9-12		1 sem / 0.5 cr
THEATRE TECHNOLOGY This course prepares individuals to apply artistic, technical and dramatic principles and techniques to the communication of dramatic information, ideas, moods, and feelings through technical theatre methods. Includes instruction in set design,	9-12	None	2 sem / 1.0 cr

lighting design, sound effects, theater acoustics, scene painting, property management, costume design, and technical direction and production and use of computer applications to support these functions above.

VIDEO GAME PROGRAMMING 1 9-12 Prerequisite* 2 sem / 1 cr

**Prerequisite: Algebra 1 / Basic Computer Knowledge*

Through a series of hands-on projects students will learn about the software, hardware, and mathematical tools used to represent, display, and manipulate topological, two and three-dimensional objects on a video screen and prepares individuals to function as computer graphics/video game development specialists. Includes instruction in graphics software and systems; computer programming; digital multimedia; graphic design, video game design and development; graphics devices, processors, and standards; attributes and transformations; projections; surface identification and rendering; color theory; algebra; geometry; trigonometry and introduction to various mathematical concepts related to interactive computer and computer graphic-based applications. Completion of the first semester is required in order to take the second semester. V

VIDEO PRODUCTION 9-12 None 2 sem / 1 cr

An introduction to film, television and online media techniques – students learn about camera operation, editing, animation, VFX/SFX, sound engineering, graphic design and other important production skills. FA, V

WORKSITE EXPERIENCE 10-12 Prerequisite* see note☞

**Prerequisite: At least age 16 and enrolled and passing (or successfully completed) a T & I course*

☞ This course is an employment phase of a T & I course. Students may be released for a maximum of two class periods per day to apply their classroom learning to the world of work and obtain on-the-job training from their employer/supervisor (180 hours = .5 credit). A teacher/coordinator will work with the community to set up training sites that match the student's occupational goal and to supervise the worksite experience. The job must be in compliance with the Fair Labor Standards Act. If students are laid off or quit, they may be dropped from the class with no credit awarded. T, R, V

Mathematics

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	CADR	Mathematics	Elective Only
√	√			ALGEBRA 1	MTH 307/308	YEAR		◆	◆	
√	√			ALGEBRA LEARNING LAB	MTH 313/314	YEAR				◆
	√	√	√	ALG 1A TAKEN SEM 2	MTAAS2	SEM		◆	◆	
	√	√	√	ALG 1B TAKEN SEM 1	MTABS1	SEM		◆	◆	
	√	√	√	ALGEBRA 2	MTH 317/318	YEAR	◆	◆	◆	
	√	√	√	ALGEBRA 2/TRIG	MTH 311/312	YEAR	◆	◆	◆	
	√	√	√	ALGEBRA 2/TRIG, HONORS	MTH 321/322	YEAR	◆	◆	◆	
	√	√	√	ALGEBRA 2 TRIG LEARNING LAB	MTH323/324	SEM				◆
√	√			GEOMETRY	MTH 209/210	YEAR	◆	◆	◆	
	√	√	√	GEOMETRY A, TAKEN SEM 2	MTGAS2	SEM	◆	◆	◆	
	√	√	√	GEOMETRY B, TAKEN SEM 1	MTGBS1	SEM	◆	◆	◆	
	√	√		GEOMETRY LEARNING LAB	MTH 215/216	YEAR	◆			◆
√	√			GEOMETRY, HONORS	MTH 211/212	YEAR	◆	◆	◆	
		√	√	MATH TUTOR	MTH 807	SEM	◆			◆
		√	√	PRE CALCULUS	MTH 713/714	YEAR	◆	◆	◆	
		√	√	PRECALC, HONORS/UW 120	MTH 711/712	YEAR	◆	◆	◆	
		√	√	UW CALC/UW 124 (AP CALCULUS)	MTH 701/702	YEAR	◆	◆	◆	
		√	√	STATISTICS	MTH 803/804	YEAR	◆	◆	◆	
		√	√	ECC146 / AP STATISTICS	MTH 801/802	YEAR	◆	◆	◆	

The Port Angeles High School mathematics program is designed to encourage students to complete a rigorous course of study in high school to ensure that they are well prepared to succeed in college, the workplace, and in life. Because individual students have different needs, interests, and abilities, we provide a wide selection of math students. Therefore, great care should be taken to select the course that is most appropriate for an individual student. Students are advised to consider the following factors when selecting their mathematics courses:

- Their own abilities in mathematics and the type of mathematics in which they can be successful.
- Their own interest in mathematics and those particular areas of the subject that may hold the most interest for them.
- Their academic plans and choice of career, in particular the subjects they wish to study in the future.
- Recommendations from a counselor or math instructor.

Many apprenticeship programs and technical schools require basic algebra and geometry skills for entrance, and most four-year colleges now require that entering freshmen have had one year of geometry and two years of Algebra in high school. Students seeking careers in engineering, mathematics, or science related fields should plan a four-year program in mathematics.

As of 2009, 3 credits of math taken during the 9th through 12th grade years, including the successful completion of Algebra 1, Geometry and Algebra 2 are now required for a high school diploma. There are a number of math electives that can replace the algebra 2 requirement with prior approval. Algebra 1 and/or Geometry taken prior to 9th grade (i.e. Algebra credit completed as a middle school class) is not automatically included on a student's high school transcript. Algebra 1 taken prior to high school may only be included on the transcript at the family's request if the course meets PAHS math requirements. If the student or family chooses to count this course as a high school credit, then it must be included on the transcript. This

Algebra 1 and/or Geometry credit will fulfill the Algebra 1 graduation requirement. Once the Algebra 1 course is added to the transcript it cannot be removed.

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

Math Graduation Requirements

- Class of 2017-2018 must pass one of the following: the Algebra 1 EOC, Geometry EOC, Smarter Balanced Math Assessment (SBA) or the WA-AIM.
- Class of 2019 and beyond must pass the Smarter Balanced Math Assessment (SBA) or the WA-AIM. The SBA covers material from Algebra 1, Geometry, and Algebra 2.

ALGEBRA 1 LEARNING LAB 9-10 None 2 per / 1 elective cr

Student placement from 8th grade placement exam and state test results

This course is designed to support students enrolled in algebra 1 who struggle in math. This course is not a math credit, but an elective credit.

ALGEBRA 1 9-10 None 2 sem / 1 cr

This course examines the foundational algebraic concepts necessary to equip students for future math and science classes. The topics to be studied include: equations and inequalities, linear functions, systems of linear functions, quadratic functions and exponential functions as well as statistics and probability. Mathematical modeling of real-life problems and problem solving will be emphasized. Scientific calculators are required. This course will prepare a student for geometry. Each semester of this course are offered both semesters.

ALGEBRA 2 – TRIG LEARNING LAB 10-12 *Prerequisite** 1 sem / 0.5 cr

**Prerequisite:* Current enrollment in Algebra II Trig

This course is designed to support students enrolled in Algebra II Trigonometry who struggle in math. This course is not a math credit, but an elective credit.

ALGEBRA 2 10-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite:* Geometry – Third year math requirement with teacher recommendation

This course is designed to help students with developing math skills, and prepare them for math in college. This course meets state standards for algebra 2 and provides a review of first year algebra concepts. New concepts covered are linear systems in 3 dimensions, matrix operations, polynomial functions, rational and radical functions, quadratics, complex numbers, logarithms, trigonometry, probability and statistics. This course will prepare a student for Algebra 2 Trigonometry or Statistics.

ALGEBRA 2/TRIGONOMETRY 10-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite:* Geometry – Third year math requirement

This course provides a review of first-year algebra concepts to application and integrated algebra and geometry. New concepts covered are series, polynomial functions, rational and radical functions, quadratics, complex numbers, exponents, logarithms, and elementary trigonometry. Scientific calculators are required, but graphing calculators are recommended. ** This course will prepare a student for Pre-Calculus or AP Statistics.

ECC MATH 146 / AP STATISTICS 11-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite:* Successful completion of Algebra 2/Trig, and Math GPA 3.0

This course is an intensive, accelerated Everett Community College course. This course is an excellent option for any student who has successfully completed Algebra 2, regardless of the student's intended college major. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inferences. This course is available for 5 college math credits and will cover all material for the AP exam. There is a fee for the college credits and the AP exam. Graphing calculators are required for this course. **

GEOMETRY LEARNING LAB 10-11 *Prerequisite** 2 sem / 1 elective cr

**Prerequisite:* Algebra I and student placement from Algebra I math performance

This course is designed to support students enrolled in geometry who struggle in math. This course is not a math credit, but an elective credit.

GEOMETRY	9-10	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Algebra 1</i> This allows students to study as a mathematical system through the deductive development of relationship in the plane and space developed intuitively in previous years. Students study the foundation and transformational geometry, parallel and perpendicular lines and geometric reasoning, triangle congruence and similarity, properties and attributes of triangles, polygons and quadrilaterals, right triangles, trigonometry, perimeter, circumference, area, special reasoning and circles. Scientific calculators are required. Each semester of this course are offered both semesters.			
HONORS GEOMETRY	9-10	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Minimum of a B in Algebra 1 with teacher recommendation</i> This course moves at a more accelerated pace with more enrichment than geometry. Students study Geometry as a mathematical system through the deductive development of relationships in the plane and space developed intuitively in previous years. The foundation and transformational geometry, parallel and perpendicular lines and geometric reasoning, triangle congruence and similarity properties and attributes of triangles, polygons and quadrilaterals, right angles, trigonometry, perimeter, circumference, area, special reasoning, and circles are studied in this course. Scientific calculators are required. **			
HONORS ALGEBRA 2/TRIGONOMETRY	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: B Honors Geometry, or B in geometry with teacher recommendation – Third year math requirement</i> This course is an intensive, accelerated course on the use of technology and data analysis to develop students' thinking, problem-solving, and communication skills. Properties, applications, algebra, and parametric representation of functions polynomial functions, rational and radical functions, trig functions and identities, matrix algorithms; and linear, quadratic, radical, exponential, logarithmic, polynomial, and rational functions are studied. Applications as well as the properties relevant to advanced mathematics also are studied. Scientific calculators are required, but graphing calculators are recommended. This course will prepare a student for all Pre-Calculus courses or AP Statistics. **			
PRECALCULUS	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Algebra 2/Trigonometry with grade C or better</i> The course is application based covering the basic properties of functions, graphs; with emphasis on linear, quadratic, trigonometric, exponential functions and their inverses along with parametric, vector and polar relations. This course will prepare students for UW Math 124, AP Statistics or AP Calculus. Graphing calculators are required for this course.			
STATISTICS	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Successful completion of Geometry</i> Statistics is the science of collecting, organizing and interpreting numerical data and is an indispensable tool to decision making in the face of uncertainty. Statistical literacy is an essential skill in a world where people are asked daily to form opinions or make choices based upon statistical analysis. The course will focus on mastering fundamental statistical concepts. Students will analyze data from a variety of sources, with some emphasis on the social sciences, and develop reports which place the data and its analysis in an appropriate context. This course will give the student a solid background in statistics. For those college bound, typically, at least one statistics course is required in many college majors such as education, psychology, sociology, health science, environmental science, and business. Scientific calculators are required, but graphing calculators are recommended. This course will prepare students for AP Statistics.			
UW MATH 124/AP CALCULUS	11-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
<i>Prerequisite: B Honors Pre-Calculus or Pre-Calculus B+ with teacher recommendation</i> This course is an intensive, accelerated University of Washington course. This course will deal with differential and will involve differentiation integration and their applications. Differential calculus deals with the problem of finding rates of change and its application to slopes of curves, accelerations and other problems involving rates of change. This course is available for 5 math college credits for a fee For program information for all UWHS (University of Washington in the High School Program) courses visit www.uwhs.washington.edu There is a fee for AP exam as well. Graphing calculators are required for this course. **			

Subject	Grade	Prerequisite	Length / Credit
UW MATH 120 PRECALCULUS- HONORS	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: B Honors Algebra / Trig 2 or B+ Algebra 2 / Trig</i> This course is an intensive, accelerated University of Washington course. This course is application based covering the basic properties of functions, graphs; with emphasis on linear, quadratic, trigonometry, exponential functions and their inverses along with parametric, vector and polar relations. This course is available for 5 UW Math 120 college credits for a fee. Graphing calculators are required for this course. This course will prepare students for UW Math 124 or AP Statistics. **			

For program information for all UWHS (University of Washington in the High School Program) courses visit www.uwhs.washington.edu

MATH TUTOR	11-12	Prerequisite*	1 sem / 0.5 cr
------------	-------	---------------	----------------

**Prerequisite: At least a B in Algebra II Trig*

Students will receive training to be math tutor. They will support students in a class or one-on-one, depending on needs, with teacher supervision. Elective credit.

Math Elective Courses

Most of these courses are offered by other departments, but can assist students who require EOC math elective credits.

ACCOUNTING	11-12	None	2 sem / 1 cr
------------	-------	------	--------------

This year-long course is designed to provide the student with an opportunity to become competent in completing financial records for any type of business. Please see the Business Department course description for further information.

CABINETMAKING	11-12	None	2 sem / 0.5 cr
---------------	-------	------	----------------

This is a two-hour class in which the student will learn the basics needed to plan, build and finish cabinets and other handcrafted wooden products. Please see the Industrial Technology and Trades course description for further information.

ECONOMICS MICRO	10-12	Prerequisite*	1 sem / .5 cr
ECONOMICS MACRO	10-12	Prerequisite*	1 sem / .5 cr

**Prerequisite: Algebra I*

Economics is this study of the production, distribution, and consumption of goods and services. This course will cover economic theories used as tools for critical thinking to show how the economy operates. Emphasis is placed on causes and consequences of unemployment and inflation and how they affect the well-being of people. The use of government spending, taxation, and the monetary system to shape the economy will be examined. The role of energy and natural resources in shaping our economic future will be explored. The course will also explore an individual's relationship to the supply and demand of goods and service using tools of economic analysis. Students may enroll for the full year or take either semester. Enrollment in the first semester is not required for enrollment in the second semester. V, M

MACHINE SHOP III	11-12		2 sem / 0.5 cr
------------------	-------	--	----------------

This program is to train students in the basic operation of machine tools. Please see the Industrial Technology and Trades course description for further information.

MONEY MANAGEMENT BUSINESS	10-12	None	1 sem / 0.5 cr
---------------------------	-------	------	----------------

This course is designed to help students understand the decision making process in a business setting and how it can impact a business's ultimate earnings potential. Please see the Business Department course description for further information.

MONEY MANAGEMENT PERSONAL	10-12	None	1 sem / 0.5 cr
---------------------------	-------	------	----------------

This course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Please see the Business Department course description for further information.



MUSIC



9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	CADR	Fine Arts
	√	√	√	BELLA VOCE	MUS 641/642	YEAR	♦	♦	♦	♦
	√	√	√	CHAMBER ORCHESTRA	MUS 511/512	YEAR	♦	♦	♦	♦
√	√	√	√	CONCERT BAND	MUS 401/402	YEAR			♦	♦
√	√	√	√	CONCERT ORCHESTRA	MUS 501/502	YEAR			♦	♦
	√	√	√	JAZZ ENSEMBLE	MUS 441/442	YEAR	♦	♦	♦	♦
√	√	√	√	MEN'S CHOIR	MUS 601/602	YEAR			♦	♦
	√	√	√	MUSIC THEORY	MUS 645/646	YEAR	♦			
√	√	√	√	PERCUSSION ENSEMBLE	MUS 421/422	YEAR	♦	♦	♦	♦
	√	√	√	SYMPHONIC BAND	MUS 411/412	YEAR	♦	♦	♦	♦
	√	√	√	SYMPHONIC CHOIR	MUS 621/622	YEAR	♦	♦	♦	♦
	√	√	√	SYMPHONIC ORCHESTRA	MUS 521/522	YEAR	♦	♦	♦	♦
	√	√	√	VOCALS UNLIMITED	MUS 631/632	YEAR	♦	♦	♦	♦
	√	√	√	WESTERN MUSIC HISTORY/THEORY	MUS 645/646	YEAR				
	√	√	√	WIND EMSEMBLE	MUS 431/432	YEAR	♦	♦	♦	♦
√	√	√	√	WOMEN'S CHOIR	MUS 611/612	YEAR			♦	♦

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

The Port Angeles High School Music department offers a wide variety of performance-oriented musical choices. Students may challenge themselves with an outstanding musical experience providing intellectual, aesthetic, and personal growth. Those students contemplating a career in music will find numerous opportunities to experience the highest preparatory standards. The classes offered in music can give any student a quality musical experience that can be interesting and fun.

BELLA VOCE 10-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Audition and teacher permission*

This select Women's Ensemble is designed for students who have had some choral experience. Musical literacy is not mandatory although preference will be given to those with reading skills. This group prepares a variety of literature for performance at concerts, festivals, and adjudications. They will perform within the community as well. Performances outside of class time will be required and graded. Both solo-ensemble and regional competition are required. P,T, R

CHAMBER ORCHESTRA 10-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Participation in school orchestra in the preceding year, successful audition, and teacher permission*

This is a select string orchestra class with limited instrumentation. Meeting high performance standards, this select group appears in concerts throughout the school year. The ensemble will specialize in performing various musical styles and will perform within the community as well as for concerts, music festivals, and adjudications. Performances outside of class time will be required and graded. Both solo-ensemble and regional competition are required. R

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

CONCERT BAND 9-12 None 2 sem / 1 cr
The Concert Band is the band that all ninth-grade brass and woodwind players and some percussionists will enter. They will perform in a festival and several concerts throughout the year. This past year our Concert Band of 40 members had a great year and many terrific performances! All band students will play in the pep band. Although membership in the marching band is not required, all students are eligible and are encouraged to participate. R

CONCERT ORCHESTRA 9 *Prerequisite** 2 sem / 1 cr
**Prerequisite: Participation in school orchestra in the preceding year or teacher appreciation.* Concert Orchestra is offered to 9th grade string students. Educational emphasis is placed on the advancement of instrumental technique, further development of music reading and comprehension skills, independent musicianship, and understanding of various styles. Literature will contain both Classical and Popular music. Performances outside of class time will be required and graded. R

INDEPENDENT MUSIC 12 *Prerequisite** 1 sem / 0.5 cr
**Prerequisite: Department Chairperson permission*
This is a class designed for the more advanced music student. A course of independent study will be arranged with the supervising teacher. Students in Independent Music must be concurrently registered for a large performing ensemble. R

JAZZ ENSEMBLE 10-12 *Prerequisite** 2 sem / 1 cr
**Prerequisite: Audition and teacher permission*
This is a select ensemble with limited instrumentation. Admission is by audition only. The ensemble will specialize in preparing traditional and contemporary jazz literature to perform within the community, as well as concerts, music festivals, and adjudications, including an annual trip to Moscow, Idaho. Performances outside of class time will be required and graded. Concurrent enrollment in Wind Ensemble or Percussion Ensemble is required. All band students will play in the Pep Band. R

MEN'S CHOIR 9-12 None 2 sem / 1 cr
This large ensemble is designed for all male students who like to sing or who would like to learn to sing in a non-threatening environment. Emphasis will be placed on the joy of singing and the learning of fundamental music techniques through singing. This group prepares a variety of literature for performance at concerts, festivals, and adjudications. Special performance attire is required. Performances outside of class time will be required. R

PERCUSSION ENSEMBLE 9-12 *Prerequisite** 2 sem / 1 cr
**Prerequisite: Teacher permission*
This class is for grade 9-12 percussion students. Students will be required to purchase a practice pad, and a set of their own sticks and mallets. Concentrated time will be spent on developing and refining the students' techniques and performing abilities in all areas of percussion. Students will work on demanding literature in preparation for concerts and festivals. Select groups of these students will be chosen to play with the Concert Band, Symphonic Band, Wind Ensemble and Symphonic Orchestra. Performances outside of class time, including participation in the regional Solo and Ensemble contest will be required and graded. **Participation in the marching band during both semesters is a requirement.** All band students will play in the Pep Band. Students not wishing to march may sign up for the Concert or Symphonic band with teacher permission. R

SYMPHONIC BAND 10-12 *Prerequisite** 2 sem / 1 cr
**Prerequisite: Teacher permission*
This is the intermediate band, open to grades 10-12 brass and woodwind players, and some percussionists. Concentrated time will be spent on developing and refining the students' technique and performing abilities. Students will work on demanding literature in preparation for concerts and festivals. All band students will play in the pep band. Although membership in the marching band is not required, all students are eligible and are encouraged to participate. R

SYMPHONIC CHOIR 10-12 *Prerequisite** 2 sem / 1 cr
**Prerequisite: Audition and teacher permission*
This ensemble is designed for students who have some choral experience. Music literacy is not mandatory although preference will be given to those with reading skills. This group prepares a variety of literature for performance at concerts, festivals, and adjudications. Performances outside of class time will be required and graded. Both solo-ensemble and regional competition are required. R

SYMPHONIC ORCHESTRA	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
This group is open to all grade 10-12 string students. Students will be exposed to repertoire that will encourage an appreciation of music as an art form. The course work will continue to advance the musical competence of each member as the ensemble prepares music for public performance, including regional and local competitions. Performances outside of class time will be required and graded. Additionally, the ensemble may be augmented with wind players from the band program to prepare and perform full orchestra literature. R			
VOCAL UNLIMITED	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Audition and teacher permission</i>			
This will be a vocal class for select voices. It will specialize in singing various musical styles. They will perform within the community, jazz music festivals and on tour. Concurrent enrollment in Symphonic Choir or Bella Voce is required. Performances outside of class time will be required. Both solo-ensemble and regional competition are required. R			
WESTERN EUROPEAN MUSIC HISTORY & THEORY	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Basic ability to read music notation</i>			
Music history and music theory in the tradition of Western European Art Music from the medieval period to the present. Theory and history will be taught concurrently. The theory portion will provide understanding and analysis of rhythm, pitch, keyboard, scales, key signatures, intervals, chords and chord progressions, compositional techniques, and analysis of harmony and form. The music history component will examine the societal influences on the development of music with a focus on time periods, style, composers and important musical works.			
WIND ENSEMBLE	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Audition and teacher permission</i>			
This advanced band is a select ensemble with limited instrumentation. Admission is by audition only. It is open to grades 10-12 brass and woodwind players, and some percussionists. Concentrated time will be spent on developing and refining the students' techniques and performing abilities. Students will work on demanding literature in preparation for concerts and festivals, including an annual trip to Central Washington University. A select group of these students will play with the Symphonic Orchestra. Performances outside of class time, including participation in the regional Solo and Ensemble contest will be required and graded. All band students will play in the pep band. Students are expected to participate in the Marching Band in the Fall or the Spring. R			
WOMEN'S CHOIR	9-12	None	2 sem / 1 cr
This large ensemble is designed for all female students who like to sing. Emphasis will be placed on learning fundamental music techniques through singing. This group prepares a variety of literature for performance at concerts, festivals, and adjudications. Special performance attire is required. Performances outside of class time will be required. R			

Naval Junior Reserve Officer Training Corps (NJROTC)

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Career & Tech Ed	Science	Physical	Health
√	√	√	√	JROTC NAV SCI 1	NAV 101/102	YEAR		♦		:	♦
	√	√	√	JROTC NAV SCI 2	NAV 201/202	YEAR		♦	..	:	
		√	√	JROTC NAV SCI 3	NAV 301/302	YEAR	♦	♦		:	
		√	√	JROTC NAV SCI 4	NAV 401/402	YEAR	♦	♦		:	
√	√	√	√	JROTC MARKSMANSHIP	NAV 701/702	YEAR		♦			
√	√	√	√	JROTC DRILL TEAM	NAV 801/802	YEAR		♦			

The program emphasizes responsible citizenship and leadership development. The program is designed around a military theme for instruction and motivation, but NJROTC cadets do not incur any military obligation. The Naval Science curriculum covers naval history, oceanography, meteorology, astronomy, navigation, naval operations, and seamanship. A typical week consists of two days of classroom work, a day of formal uniform inspection and military duties, and two days of physical training or drill. Class instruction is augmented by community service, drill team competition, color guard, academic team competition, and air rifle team matches. Cadets competing on these teams are eligible for school varsity letters. The color guard covers the school for home sporting events, assemblies, and special events. The unit has a good relationship with the local Coast Guard and various commands at Naval Air Station Whidbey Island. The cadets have the opportunity to visit naval installations, go onboard naval ships and submarines, and fly in naval aircraft. Several field trips are conducted each year to enhance the classroom training and to broaden the cadets' personal, educational, and professional horizons. Cadets in this program improve their chances of obtaining college ROTC scholarships and appointments to the U.S. Naval Academy. All Naval Science classes may be used for PE credit, Career and Technology Education (vocational) credit, or elective credits. Naval Science 2 may be used for one-half (0.5) credit in science. This course may not be used when applying for vocational honors; however, NJROTC honors are available. **Cadets who do not pass the PE and/or Health portion of NAV SCI cannot use JROTC NAV SCI credit to fulfill PE and/or Health credit graduation requirements.**

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

JROTC NAVAL SCIENCE 1

9-12

None

2 sem / 1 cr

This course covers an introduction to the NJROTC program, naval organization, and U.S. citizenship. It focuses on the U.S. Navy, its people, ships, and the environment in which it operates. Additionally, this course provides health education covering wellness, fitness, nutrition, drug awareness and first aid.

JROTC NAVAL SCIENCE 2

10-12

None

2 sem / 1 cr

This course covers naval science topics to include the sciences of meteorology, oceanography, astrology, and physical science, which includes electricity and electronics and physics.

JROTC NAVAL SCIENCE 3

11-12

*Prerequisite**

2 sem / 1 cr

**Prerequisite: NS 1, NS2*

This course covers sea power, national security, military justice, and international and military law. Other topics include navigation and seamanship, and then the course focuses on various naval weapons and aircraft utilized in modern warfare and Naval History.

JROTC NAVAL SCIENCE 4 11-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: NS1, NS2, NS3*

This course is a leadership seminar, utilizing the techniques taught in the earlier courses. Cadets at this level normally are the staff leadership of the company, so their learning is by theory as well as practice. A Navy sponsored leadership academy is also available for selected cadets.

NJROTC DRILL TEAM 9-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Must be enrolled in NS1, NS2, NS3 or NS4*

This course is designed for students to learn and perform drill. Students will choreograph and perform drill routines for audiences and be judged during competitions throughout the school year. Additionally, students will further develop leadership techniques that are introduced in Naval Science classes.

NJROTC MARKSMANSHIP 9-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Must be enrolled in NS1, NS2, NS3 or NS4*

This course exposes students to the Olympic sport of Air Rifle Marksmanship. Students will learn discipline, self-control, concentration techniques, goal setting, and teamwork as they develop marksmanship skills. Additionally, students will compete at several marksmanship competitions throughout the year.

NJROTC CREDIT	1 st Semester	2 nd Semester
Naval Science - 1	PE or Vocational or Elective	Health or PE or Vocational or Elective
Naval Science - 2	Vocational or Elective	PE or Vocational or Elective or Science
Naval Science - 3	Vocational or Elective	PE or Vocational or Elective
Naval Science - 4	Vocational or Elective	PE or Vocational or Elective
JROTC Drill	Vocational or Elective	Vocational or Elective
JROTC Marksmanship	Vocational or Elective	Vocational or Elective

Physical Education

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Physical Education	Health
✓				FIT FOR LIFE	PHE 001	SEM		◆	
✓				ADVANCED FIT FOR LIFE	PHE 002	SEM	◆	◆	
✓	✓	✓	✓	HEALTH EDUCATION	PHE 000	SEM			◆
		✓	✓	WELLNESS AND INDEPENDENCE	PHE 100	SEM	◆	◆	
✓	✓	✓	✓	PERSONAL FITNESS	PHE 201/202	SEM	◆	◆	
		✓	✓	PERSONAL TRAINING AND DEVELOPMENT	PHE 601/602	YEAR	◆	◆	
✓	✓	✓	✓	STRENGTH & CONDITIONING	PHE 301/302	SEM	◆	◆	
✓	✓	✓	✓	TEAM SPORTS	PHE 401/402	SEM	◆	◆	

All students at Port Angeles High School will be required to take three semesters of physical education and one semester of Health.

The physical education department believes that physical fitness is a major concern and is the goal of our program. Our goal is to have every student leave PAHS with a desire to pursue lifelong activities and have the knowledge to maintain personal wellness. A portion of each class period will be spent working to gain knowledge of and improve cardiovascular fitness. All elective activity classes will continue to build on this information in an effort to improve fitness, reduce stress, and develop recreational skills. A basic understanding of safety and rules of the activities will be required for all physical education classes.



Student participation is vital in all physical education classes. Each student is expected to suit-up on a daily basis and to attempt all activities regardless of skill level. Any combination of non-suits, absences, tardies or lack of participation will result in a lower grade. All PE students are required to wear the PE uniform as stated in the PAHS PE uniform policy with no exceptions. They can be purchased at Swain's General Store. The required uniform is a t-shirt and pair of shorts, additional items are optional. For financial hardships, see guidance counselor. \$ A student can take no more than one PE course per semester without teacher pre-approval.

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

ADVANCED FIT FOR LIFE	9	Prerequisite*	1 sem / 0.5 cr
-----------------------	---	---------------	----------------

*Prerequisite: B+ or better in 8th grade PE or teacher permission

This semester course is an advanced option for freshmen who are passionate about sports and fitness and are looking to satisfy their fitness for life requirement with more focus put on weight training and training principles. This class will follow the same curriculum as fitness for life but will spend more time applying knowledge from the textbook into the weight room and gym settings. The ultimate goal of this advanced option is to prepare students to move into strength and conditioning settings with broader understanding of programming, movement patterns and training principles in the weight room. This class is designed to help students accomplish three main objectives; acquire knowledge about the principles of fitness and the benefits of physical activity as it relates to health and wellness through muscular strength, muscular endurance, cardiovascular endurance, flexibility, and to become an independent decision maker who can plan his own fitness program.

Advanced Fitness for Life uses the textbook, technology, and worksheets complemented by related physical activity lessons. PAHS gym clothes are required on some days.

FITNESS FOR LIFE	9	None	1 sem / 0.5 cr
-------------------------	---	------	----------------

This semester course is required for all freshmen as their first physical education class. If a student was unable to take FFL during their freshman year they can take the course in 10th-12th. Any student who fails the course must retake it before attempting any other PE course. No credit recovery is available. NJROTC students are exempt from Fitness for Life, if they are enrolled in that course for first semester with a passing grade. This class is designed to help students accomplish three main objectives: acquire knowledge about the principles of fitness and the benefits of physical activity as it relates to health and wellness through muscular strength, muscular endurance, cardiovascular endurance, flexibility, and to become an independent decision maker who can plan his or her own fitness program. Each student will also begin with individual assessments that will be taken for a physical education portfolio that will follow them through high school. Fitness for Life uses the textbook, technology, and worksheets complemented by related physical activity lessons. PAHS gym clothes are required on some days.

HEALTH EDUCATION	9-12	None	1 sem / 0.5 cr
-------------------------	------	------	----------------

The intent of this class is to help students make independent, informed decisions concerning their physical, mental, and social well-being. Human survival information covers depression, growth and human development, nutrition and eating disorders, first aid/CPR/AED and drug, tobacco and alcohol education. NJROTC students are exempt from Health, if they are enrolled in that course for second semester with a passing grade.

HEALTH, WELLNESS, AND INDEPENDENCE	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
---	-------	----------------------	----------------

**Prerequisite: Successful completion of Health*

This class will prepare students to take care of themselves and others. Skills to be taught include: goal setting, decision making, nutrition. Basic clothing care and repair, relationships, basic finances, and post-high school exploration. In addition, students will expand their knowledge and appreciation of lifetime fitness activities.

INDIVIDUAL / TEAM SPORTS	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
---------------------------------	------	----------------------	----------------

**Prerequisite: Fitness for Life*

This course incorporates a wide range of activities that students can use throughout their lives. The focus is to introduce students to a variety of individual and team sports while achieving the components of health related fitness: Muscular endurance, muscular strength, cardiovascular endurance, flexibility and body composition. Examples of individual sports are tennis and badminton. Team sports may include, but not limited to, basketball, football, soccer, lacrosse, and floor hockey. Individual assessments will be taken. PAHS gym clothes are required. **R**

PERSONAL FITNESS	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
-------------------------	------	----------------------	----------------

**Prerequisite: Fitness for Life*

Personal Fitness is designed for students interested in improving their fitness levels through individualized exercises and nutrition plans. Activities focus on improving health-related components. Activities vary but may include circuit training, cardio machines, outdoor activities, kickboxing/TaeBo, and some team/individual sports. PAHS gym clothes are required. **R**

PERSONAL TRAINING AND DEVELOPMENT	11-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
--	-------	----------------------	----------------

Prerequisite: B+ or better in Strength & Conditioning*

This course is designed to introduce interested students to the areas of Physical Education (Kinesiology), Recreation, Fitness, Sports/Athletic Training, Health and Nutrition Education, and Officiating and Coaching as a Career. Students will participate in both classroom and physical practice instruction to gain awareness and knowledge into areas associated with careers in Fitness/Wellness. Students in this class will spend time in freshman Fitness for Life classes teaching a variety of activities.

STRENGTH AND CONDITIONING	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
----------------------------------	------	----------------------	----------------

**Prerequisite: Fitness for Life*

Athletic Strength and Conditioning classes focus on a core lifting program directed toward athletic performance but not limited to athletes. Workouts are expected to be intense. Students will lift in the weight room on three days of the week; they will participate in speed, agility, endurance workouts and games outside the weight room two days of the week. All lifting workouts will be recorded by the individual. Individual assessments will be taken. Approved PAHS gym clothes are required. **R**

Science

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	CADR	Science
		√	√	AP BIOLOGY (EVERY OTHER YEAR) 2019-2020		YEAR	◆	◆	◆	◆
		√	√	AP CHEMISTRY 2018-2019	SCI 405/406	YEAR	◆	◆	◆	◆
		√	√	AP ENVIRONMENTAL SCIENCE	SCI 453/454	YEAR	◆			◆
		√	√	ASTRONOMY	SCI 430	SEM	◆		◆	◆
		√	√	ASTRONOMY, UNIVERSITY OF WASHINGTON	SCI 427/428	YEAR	◆		◆	◆
	√			BIOLOGY	SCI 341/342	YEAR	◆		◆	◆
√				BIOLOGY, HONORS	SCI 393/394	YEAR	◆		◆	◆
		√	√	BIOTECH APPLICATIONS	SCI 390	SEM	◆		◆	◆
		√	√	BIOTECH/FORENSICS	SCI 392	SEM	◆		◆	◆
	√	√	√	CHEMISTRY	SCI 401/402	YEAR	◆		◆	◆
	√	√	√	CHEMISTRY, HONORS	SCI 411/412	YEAR	◆	◆	◆	◆
		√	√	ENVIRONMENTAL STUDIES	SCI 455	SEM	◆		◆	◆
		√	√	GEOLOGY	SCI 431	SEM	◆		◆	◆
	√	√	√	HUMAN ANATOMY AND PHYSIOLOGY	SCI 343/344	YEAR	◆			◆
√				INTEGRATED LAB SCIENCE 9	SCI 001/002	YEAR			◆	◆
		√	√	MARINE SCIENCE	SCI 450	SEM	◆		◆	◆
		√	√	PHYSICS	SCI 421/422	YEAR	◆		◆	◆

Two years of science are required for graduation (3 years beginning with the class of 2021). This requirement is generally met by taking one year of Integrated Lab Science 9 and one year of Biology, or one year of Honors Biology and one year of Chemistry. If you are planning to attend a four-year college you will need at least one additional upper-level lab science taken during your junior or senior year. Chemistry, AP Chemistry, Physics, and UW Astronomy count as "math-based" science classes which meet the state college entry requirement for math in the senior year. Certain colleges may require specific science classes, so check with their admissions office. It is strongly recommended that students take science courses from a wide range of areas (Life, Physical, and Earth/Space Science). *Students may take more than one science course in the same year.*



Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

AP BIOLOGY (2019-2020)

Class held every other year

11-12

Prerequisite*

2 sem / 1 cr

*Prerequisite: B+ or better in Chemistry or Honors Chemistry; B+ or better in Algebra 2/Trigonometry, and teacher permission.

This year-long course is taught at the college level and may award college credits to students who choose to take the Advanced Placement Exam in May. It is designed for the student who is highly motivated and interested in biology or planning to enter a science-related career. This course is divided into the following areas of study: 25% Molecules and Cells, 25% Heredity and Evolution, and 50% Organisms and Populations. **\$15 lab fee required. ****

AP CHEMISTRY (2018-2019)

Class held every other year 11-12 Prerequisite* 2 sem / 1 cr

**Prerequisites: B- or better in Honors Chemistry, Pre-Calculus or concurrent enrollment in Pre-Calculus, and teacher permission.*

AP Chemistry will be offered during the 2018-2019 school year. It will be offered every other year starting with the 2018-2019 school year and will not be offered for 2017-2018 since it alternates with AP Biology. This year-long course is taught at the college level and may award college credits to students who choose to take the Advanced Placement Exam in May. It is designed for the student who is highly motivated and interested in chemistry or planning to enter a science-related career. This course has a separate lab section that meets for 90 minutes per week outside of normal school hours. Summer homework prior to the school year will also be required. **\$15 lab fee required.****

AP ENVIRONMENTAL SCIENCE 11-12 Prerequisite* 2 sem / 1 cr

**Prerequisite: Biology and Chemistry*

This year-long course is taught at the college level and may award college credits to students who choose to take the Advanced Placement Exam in May. The course is designed as a study of environmental systems and its resources, the living world, human population, energy resources and consumption, and global change. This course will use a variety of learning resources including reading, writing, research and laboratory and field investigations located on the North Olympic Peninsula.

ASTRONOMY 11-12 Prerequisite* 1 sem / 0.5 cr

**1 credit in any previous science. This course is offered first semester only.*

An overview of basic astronomy, space exploration, and planetary science. Schedule should permit nighttime observations.

BIOLOGY 10 Prerequisite* 2 sem / 1 cr

**Prerequisite: Integrated Science 9*

Biology is the study of LIFE! This year-long class focuses on how living organisms are put together, how they reproduce, how they interact with the environment and the challenges they face as the environment changes over time. Many labs and simulations demonstrate and model essential processes and concepts in living organisms.

BIOTECHNOLOGY APPLICATIONS 11-12 Prerequisite* 1 sem / 0.5 cr

**2 credits in any previous science. This course is offered first semester only.*

Biotech App and Biotech Forensics are the most lab-intensive classes on campus! Most of the labs are college-level work but designed to be attainable by highly motivated high school students who are interested in biology, medicine or a science research career. The class focuses on the essential biotech skills for Cellular and DNA sciences. Labs include various DNA technology equipment skills and experiments including identifying your genotype for the "Taster/Non-Taster" gene using PCR techniques, bacterial transformation with plasmids from multi-colored coral, Genetically Modified Organisms, and a Population Genetics project in conjunction with NOAA to identify the major loci of the Spotted Prawn in Puget Sound. **\$15 Lab Fee required. ****

BIOTECHNOLOGY AND FORENSICS 11-12 Prerequisite* 1 sem / 0.5 cr

**2 credits in any previous science. This course is offered second semester only.*

Can't get enough of those CSI shows? This class is designed for the student who is highly motivated and interested in criminalistics, biology, science research, medicine. It is recommended that you take Biotech Applications, but is not essential. The class focuses on "how do CSI scientists do it?" to process skeletal remains, blood drops, hair/fibers, fingerprints and other trace evidence. We use DNA to match a suspect to crime scene evidence and explore how forensics is used for environmental issues such as tracking the Bird Flu (H5N1 antibodies). **\$15 Lab Fee**

CHEMISTRY 10-12 Prerequisite* 2 sem / 1 cr

**Prerequisite: Algebra 2/Trigonometry or concurrent enrollment in Algebra 2/Trigonometry*

This is an algebra-based introductory course to the science of chemistry. It is recommended for students who are planning to take AP Biology or more science in college or are pursuing a career in nursing. Chemistry is generally required for students planning to attend a 4-year university. Fundamental concepts concerning the nature of matter will be studied. These include atomic & molecular structure, chemical bonding, energy effects, chemical composition & nomenclature, chemical reactions, and electrochemistry. About 15-20 percent of the time will be spent in the laboratory. **\$15 lab fee required.****

ENVIRONMENTAL SCIENCE	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
<i>*1 credit in any previous science. This course is offered first semester only.</i> The focus of this class is on the study of our natural world, how humans affect the world and how the natural world affects humans. The topics may include stream ecology, population studies, water pollution, air pollution, and other environment issues. This class uses field work, labs, lectures, videos and numerous field trips to convey the surrounding environment.			
GEOLOGY	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
<i>*1 credit in any previous science. This course is offered second semester only.</i> This semester course is an overview of the geological processes related to the Pacific Northwest and the Olympic Peninsula. We will study the geological processes that shape our Earth, such as plate tectonics, volcanoes, and earthquakes. There may be several field trips.			
HONORS BIOLOGY	9	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: A or A- in both 8th Grade Science and Algebra.</i> Must have excellent reading and writing skills for independent work and lab journaling. Honors Biology is for highly capable, self-motivated students interested in preparing for advanced studies in life sciences (such as AP Biology and Biotechnology). Biology is the study of LIFE and this year-long class focuses on how living organisms are put together, how they reproduce, how they interact with the environment and the challenges they face as the environment changes over time. Many labs and simulations demonstrate and model essential processes and concepts in living organisms.			
HONORS CHEMISTRY	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisites: Algebra 2/Trigonometry or concurrent enrollment in Algebra 2/Trigonometry and teacher permission</i> Honors chemistry is required for students planning to take AP Chemistry and recommended for students planning to take AP Biology or pursue a college major in science or engineering. This course will cover the concepts described in Chemistry (see above) at a much faster pace and will include additional topics typically covered in a general college chemistry class. Additional topics include gases, thermodynamics, equilibrium, acids & bases, and kinetics. About 15-20 percent of the time will be spent in the laboratory. \$15 lab fee required. **			
HUMAN ANATOMY AND PHYSIOLOGY	10-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
<i>*Prerequisite: Biology</i> This is a specialized course in the study of the human body: muscular, skeletal, circulatory, respiratory, nervous, and digestive systems. Advanced laboratory techniques will be utilized to take an in-depth look at the wonder and complexities of the human body.			
INTEGRATED LAB SCIENCE 9	9	None	2 sem / 1 cr
This class is recommended for ALL incoming freshmen, regardless of your academic history in your previous science classes because it builds a strong foundation in the chemical, physical and earth-space sciences in preparation for all of your future upper level science classes. It uses an inquiry approach to develop understandings in properties of matter, structure of atoms, origin of the universe and origin of the Earth system and how it all fits together.			
MARINE SCIENCE	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
<i>*1 credit in any previous science. This course is offered second semester only.</i> This course deals with the diversity and interaction of marine organisms in the physical and biological marine environment. The topics may include marine geology, physical and chemical oceanography, tides, current, marine biology, and humanity's impacts upon marine ecosystems. . Its focus is on both worldwide and local issues. The class emphasizes fieldwork used to observe and measure these topics and the numerous field trips and local habitats.			
PHYSICS	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: C or better in Algebra 2 or Algebra 2/Trigonometry</i> Physics is about understanding the world around us. It is perhaps the most basic science in that concepts from physics are used in many other disciplines. For this reason, a year of college physics is often required in order to enter fields such as geology, astronomy, chemistry, engineering, biology and medicine. This course is designed both for those preparing to enter a science related field as well as those who are just curious about the world around them. Topics studied include kinematics (motion), gravity, vectors, projectiles, dynamics (forces, Newton's laws), energy, momentum, and electricity. Instruction is not book-based, but focuses instead on a constructivist approach where knowledge is "constructed" through our shared experiences. Although physics is not a math course, a solid background in algebra is needed so a student should have completed second year algebra. **			

UW ASTRONOMY 101/150

11-12

*Prerequisite**

2 sem / 1 cr

**Prerequisite: 2 credits of science*

Introduction to the universe includes observational astronomy; planetary science; modern theories concerning nature and evolution of the solar system, stars, black holes, quasars, and galaxies. This course is equivalent to UW Astronomy 101 and 150 and students can register to earn 5 or 10 UW credits through the UW in the High School program for a \$375 or \$695 fee. More information about UWHS available at <http://www.uwhs.washington.edu/uwhs/>

For program information for all UWHS (University of Washington in the High School Program) courses visit www.uwhs.washington.edu

SCIENCE DEPARTMENT ASSISTANT

12

*Prerequisite**

1-2 sem /0.5- 1 cr

**Prerequisite: B+ or better in Chemistry or Honors Chemistry and teacher permission*

Students will be assisting both teacher and students with labs by helping to set up the equipment, mixing solutions, growing or caring for cultures, and doing computer data entry. Students will be taught how to mix solutions and care for the equipment. This will be a graded class.

The following courses may be used to receive 0.5 elective science credit toward graduation, but not to replace Integrated Science 9 or Biology. Advanced Auto Technology, Health Occupations, and Naval Science 2.

SOCIAL SCIENCES

9	10	11	12	Courses	Course Codes	Length	Prerequisite	Teacher Permission	CADR	English	Social Studies
		√		AP US HISTORY	SOC 185/186	YEAR	◆	◆	◆		◆
	√			AP WORLD HISTORY	SOC 181/182	YEAR			◆		◆
			√	CONTEMPORARY ISSUES INTERNATIONAL	SOC152	SEM			◆		◆
			√	CONTEMPORARY ISSUES NATIONAL	SOC 151	SEM			◆		◆
				EWU/POLI100	SOC100	SEM					
√	√	√	√	NATIVE AMERICAN STUDIES	SOC 210	SEM			◆		◆
		√		NATIVE AMERICAN / US HISTORY	SOC 213/214	YEAR					◆
√	√	√	√	THE RISE OF THE USA	SOC 159	SEM					
		√		US HISTORY	SOC 161/162	YEAR			◆		◆
√	√			WORLD GEOGRAPHY & CULTURE	SOC 211/212	SEM					
	√	√	√	WORLD HISTORY A & B	SOC 179/180	SM/YR			◆		◆
	√	√	√	WW2 THROUGH FILM AND LITERATURE	SOC 160	SM					◆

The Port Angeles School District requires 3.0 credits in social science for graduation. Some colleges require additional credits for entrance.

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

AP U.S. HISTORY

11

*Prerequisite**

2 sem / 1 cr

**Prerequisite: Teacher and counselor permission*

This is a year-long A.P. course designed to provide top students with analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those of a full-year introductory college course. Student will learn to assess historical materials, their relevance to a given interpretive problem, their reliability and their importance, and to weigh the evidence and interpretations presented in historical scholarship. This course should develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. *Space is limited.*

AP WORLD HISTORY

10

None

2 sem / 1 cr

AP World History is a college-level course in world history covering the period from 8000 B.C.E. to the present. The course involves intensive study of world cultures, paying close attention to change over time and comparing the effects of common phenomena on different cultures. Students will be expected to not only read the text for the course, but they will also read and analyze primary source documents. The course will include practice in sample multiple choice questions from released AP exams from past years. Students will also learn the skills necessary to write essays similar to those on the AP exam, including ones on document based questions (DBQ's), comparative essays, and those which involve change over time.

Students must be highly motivated as they will be expected to complete daily reading on their own and come to class prepared to actively engage in activities involving the content covered in the text. The goals of the class are to help students develop a global perspective; learn to become critical and analytical thinkers when approaching world history, and current events, and to be prepared to take the AP World History exam in May. Some summer reading and work will be expected to be done by the first day of class. **

CONTEMPORARY ISSUES – NATIONAL 12 None 1 sem / 0.5 cr
This is a senior social science course that is required for graduation. The semester focuses on U.S. policy and issues, including a look at the political spectrum, U.S. Constitution and the American Political and Judicial system. These issues are looked at in a practical and theoretical manner, along with solutions to current issues facing the American people, both locally and nationally.

CONTEMPORARY ISSUES INTERNATIONAL 12 None 1 sem / 0.5 cr
This is a senior social science that is required for graduation. The course involves comparing and contrasting various cultures, world religions, and political systems. The overall focus is a study of current international issues and the American response to these.

EWU / POLI100 MODERN GOVERNMENT IN AMERICAN CONTEXT 12 None 1 sem / 0.5 cr
This course provides students with a comprehensive understanding of the operation of American national government. Subjects to be covered include Constitutional Law, policymaking through the Legislative and Executive Branches, bureaucracy, the courts, the role of public opinion and the media, voting behaviors, special interest groups, civic liberties and rights, and budget making. This course is run through Eastern Washington University's College in the High School program. Successful completion of the course, along with a payment to EWU will earn the student five college credits.

NATIVE AMERICAN STUDIES 9-12 None 1 sem / 0.5 cr
Washington State's tribal sovereignty curriculum, "Since Time Immemorial: Tribal Sovereignty in Washington State will be used to teach the local Native American History. Students will recognize landmark court decisions and legislation that affected and continue to affect tribal sovereignty. Students will understand that tribal sovereignty protects tribes' ways of life and the development of their nations. Students will understand that tribal, state, and federal agencies often work together toward the same goal. Students will be able to explain the governmental structure of the local Elwha Klallam Tribe within the Port Angeles community. Students will distinguish between federally and non-federally recognized tribes.

NATIVE STUDIES / US HISTORY 11 None 2 sem / 1 cr
This course is a study of US History from a Native American perspective, and combines a chronological and regional approach. The tribal sovereignty developed by OSPI will be a primary source. This course will meet the US History requirement and is designed for a student interested in studying US history from a native perspective.

THE RISE OF THE USA – A SURVEY OF AMERICA SINCE WWII 9-12 None 1 sem / 0.5
This semester course will take students on a journey through the last half of the 20th century to present. It will be specifically concentrate the dynamics of peer generations and how group attitudes both reflect and cause changes in social trends, diplomacy/foreign policy, economics, and technology. Specifically we will look at four specific eras, comparing and contrasting each through popular film, TV, and literature. Each is divided into units: 1948-1963 (conformity), 1964-1983 (radicalism), 1984-2008 (individualism), and 2008 to present (crises?). Events and trends include the Age of Prosperity (consumerism), Cold War events and diplomacy, the Civil Rights Movement, Feminism, Vietnam, both Gulf Wars, Free Trade, the Reagan Revolution, the tech Boom, 9-11, the Great Recession, the growing division in America, and future trends. Text: Pearson, United States History and various readings from primary and secondary resources.

US HISTORY 11 *Prerequisite** 2 sem / 1 cr
*Prerequisite: Grade 11 status

This course includes the history of our country from the time of early settlement until the present. It traces the political, economic, and social development of the United States. It brings out the topical subjects such as our heritage, the formation of our federal union, type of government, problems of the sections of the country, and our growth into a world power. Required for graduation.

WORLD GEOGRAPHY AND CULTURE 9-10 None 1 sem / 0.5 cr

This semester class will provide a regional study of geographic concepts and cultures, and a foundational framework and working knowledge of human development patterns around our world. Essentials topics include location, culture, the environment, and global economic dynamics. By studying geography, we can begin to understand the relationships and common factors that tie our human community together. The more we understand our world, the better prepared we will be to address the issues that confront our future. Students will develop the ability to use geographical information and understand and use map skills. Films, maps, primary and secondary sources, and Internet research will supplement the text content. R

WORLD HISTORY 10-12 None 2 sem / 1 cr

In the first semester we will discover the principles of cultures, civilization, and the rise of the archaeologist and anthropologist. We will cover the ancient civilizations of the Middle East, the earliest Far East and Indian civilizations, Egypt and Greece, and conclude with Roman and Byzantine civilizations. Geography of each area will be emphasized along with modern-day events which may be impacting an area of study. The second semester will continue on toward modern man and the Twentieth Century. We will spread on into Asia and Europe as we continue through time.

**WW2 THROUGH
FILM AND LITERATURE** 10-12 None 1 sem / 0.5 cr

This one semester course will investigate WW2 through first person literature from people who fought in the war and through various films depicting the war. Focused topics will include the beginning of the war, the Homefront, battles in Europe and the Pacific, the impact on civilians, especially with the Holocaust, the point of view of the Germans and Japanese and the end of the war. Books: With the Old Breed, Eugene Sledge; Band of Brothers, Steven Ambrose.

SPECIAL SERVICES

9	10	11	12	Courses	Course Codes	Length	English	Mathematics	Social Studies	Elective Only	Special Programs
✓	✓	✓	✓	SPECIAL SERVICES, DEV LANG ARTS	DEV 101/102	YEAR	◆				◆
✓	✓	✓	✓	SPECIAL SERVICES, DEV MATH	DEV 201/202	YEAR		◆			◆
✓	✓	✓	✓	SPECIAL SERVICES, DEV SOC STUDIES	DEV 401/402	YEAR			◆		◆
		✓	✓	SPECIAL SERVICES, EMPLOYMENT SUPPORT	DEV 501/502	SM/YR				◆	◆
✓	✓	✓	✓	SPECIAL SERVICES, LEARNING STRATS	MOD 151/152	SM/YR				◆	◆
✓	✓	✓	✓	SPECIAL SERVICES, LIFE SKILLS	MOD 141/142	SM/YR				◆	◆
✓	✓	✓	✓	SPECIAL SERVICES, MDFY ALGEBRA	MOD 011/012	SM/YR		◆			◆
	✓	✓	✓	SPECIAL SERVICES, MDFY GEOMETRY	MOD 001/002	SM/YR		◆			◆
✓				SPECIAL SERVICES, MDFY LANG ART 9	MOD 091/092	SM/YR	◆				◆
	✓			SPECIAL SERVICES, MDFY LANG ART 10	MOD 101/102	SM/YR	◆				◆
		✓		SPECIAL SERVICES, MDFY LANG ART 11	MOD 111/112	SM/YR	◆				◆
			✓	SPECIAL SERVICES, MDFY LANG ART 12	MOD 121/122	SM/YR	◆				◆
		✓	✓	SPECIAL SERVICES, MDFY MATH APPLICATIONS	MOD 007/008	SM/YR		◆			◆

Special Services offers students opportunities to meet individual goals. Within each class, content and expectations may be adjusted to meet the unique needs of each person. Students must be pre-approved by a teacher from this department before admittance into to any of the following classes.

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

DEVELOPMENTAL LANGUAGE ARTS 9-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Teacher permission*

This is a review of basic grammar, vocabulary, and spelling skills. Reading comprehension will also be a part of this program.

DEVELOPMENTAL MATH 9-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Teacher permission*

This is a review of basic math skills (addition, subtraction, multiplication, and division) as well as percents, decimals, and measurement applications as they apply to real-life situations.

DEVELOPMENTAL SOCIAL SCIENCE	9-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Teacher permission</i> This is a current-events format class that discusses the news and issues of the day.			
LEARNING STRATEGIES	9-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
<i>*Prerequisite: Department permission, Teacher permission</i> The students enrolled on this class must be enrolled in at least two regular education classes that assign homework. This class offers students time in school to complete homework, opportunities to work with peers on the same assignments, and access to the library. There may also be opportunities for extended test-taking time, and teacher assistance with assignments, depending upon individual student need.			
MODIFIED LANGUAGE ARTS	9-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
<i>*Prerequisite: Teacher permission</i> Modified Language Arts 9, 10, 11, and 12 are courses in which students receive specially designed instruction to meet IEP goals in reading and writing, and the skills needed for successful participation in the high school grade-level curriculum, including district benchmark tests, and the 10 th grade state test.			
MODIFIED ALGEBRA	9-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
<i>*Prerequisite: Teacher permission</i> Students in these classes receive specially designed instruction to meet IEP goals and objectives in math. Emphasis is on number sense and operations, measurement, reasoning and problem solving, as well as basic algebra skills. Ninth and tenth graders will also receive specially designed instruction on HSPE test-taking strategies.			
MODIFIED GEOMETRY	10-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
<i>*Prerequisite: Teacher permission</i> Students in these classes receive specially designed instruction to meet IEP goals and objectives in math. Emphasis is on number sense and operations, measurement, reasoning and problem solving, as well as basic geometry skills. Ninth and tenth graders will also receive specially designed instruction on HSPE test-taking strategies.			
MODIFIED MATH APPLICATIONS	11-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
<i>*Prerequisite: Teacher permission</i> This is a course designed to address the practical side of math in everyday life. The course includes working with percentages, ratios, graphs, analyzing data, plane geometry and management of finances. Students with IEP's who have trouble passing the HSPE exam in math are eligible to take the class. R			
PREPARING FOR TRANSITION: LIFE BEYOND HIGH SCHOOL	12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
<i>*Prerequisite: Teacher approval</i> Designed to support individual students in the implementation of their transition plans and goals, this course is based on the "Career Connected Learning Continuum Framework" which includes career awareness, exploration, preparation, and skills training. Working in collaboration with several community agencies and local businesses. Students will participate in job fairs, workshops, shadowing, and other relevant support activities. Other topics to be addressed on an individual basis will be overcoming barriers to employment, healthy lifestyle, and independent living skills.			
SELF-CONTAINED SPECIAL NEEDS CLASSROOMS		<i>Prerequisite*</i>	1-6 periods / 1-6 cr 2 semesters
<i>*Prerequisite: Teacher permission</i> The curriculum is designed to prepare students with the necessary work skills to maintain employment. Appropriate students are also given the opportunity to develop life skills that will lead towards independence. The program offers courses ranging from basic skills in math, reading and writing, to Career and Technology Education preparations as well as home-living skills. According to each individual student's needs, this program ranges from one to six periods a day.			

EMPLOYMENT SUPPORT

Grades 11, 12

*Prerequisite**

2 or more periods

2 sem/ 1-2 cr

**Prerequisite: At least age 18*

This course is an employment phase of the student's Transition Program. Students may be released for a minimum of two class periods a day to obtain on-the-job training from their employer or supervisor and to apply their classroom learning to the actual job training. A teacher/coordinator will work with the community to secure training experience. Students must work a minimum of 4.5 hrs per week for 1 credit and 15 hrs per week for 2 credits to earn work based learning credits. The job must be in compliance with the Fair Labor Standards Act.

If students are laid off or quit, they will be dropped from the class with no credit awarded.

WORLD LANGUAGES



9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	CADR	Elective Only
✓	✓	✓	✓	FRENCH 1	LANF11/12	YEAR		♦	♦
	✓	✓	✓	FRENCH 2	LANF21/22	YEAR	♦	♦	♦
		✓	✓	FRENCH 3	LANF31/32	YEAR	♦	♦	♦
			✓	FRENCH 4	LANF41/42	YEAR	♦	♦	♦
✓	✓	✓	✓	KLALLAM LANG 1	LANK11/12	YEAR			♦
	✓	✓	✓	KLALLAM LANG 2	LANK21/22	YEAR	♦		♦
✓	✓	✓	✓	SPANISH 1	LANS11/12	YEAR		♦	♦
	✓	✓	✓	SPANISH 2	LANS21/22	YEAR	♦	♦	♦
		✓	✓	SPANISH 3	LANS31/32	YEAR	♦	♦	♦
		✓	✓	SPANISH 4	LANS41/42	YEAR	♦	♦	♦

The study of a world language at the high school level can be both a rewarding and demanding endeavor. Knowledge of another language and culture is invaluable in understanding one's own language, culture, history and society. The ability to speak and understand another language can open up many career opportunities in international business, communications, education, Foreign Service, law, medicine, labor relations, professional translation, and fashion and travel. Respect for cultural differences increases tolerance and encourages global harmony.

Success in the study of English is a strong indicator of potential for success in the study of another language. Students with at least a B in English will probably do well in a world language class. Other factors leading to success in world language study are a sincere desire to learn, good study habits, and a willingness to do homework on a regular basis.

Students should begin the study of a world language with a commitment to continue that study for at least two years, preferably three or four. One year's study of another language is just a beginning; only after three years can students expect to be able to use the second language with any real success.

Students who are planning to attend a particular college or university should investigate the specific requirements for entrance; many have both entrance and exit requirements.

Note: Students must pass each semester with a 70% or better in order to continue to the next semester or the second year of world language

Note: Students who wish to enroll in a world language course beyond first year cannot skip a year between their courses.

FRENCH

French is a beautiful language spoken not only in France, but also in Belgium, Luxembourg, Switzerland, many countries in Africa, and of course Canada. French is also spoken in some areas of the United States, primarily New England and Louisiana. It is one of the major languages of the world.

French culture places great emphasis on the arts as a way to understand and enjoy life. French artists, writers, and scientists have contributed much to our modern world. Learning about these contributions can help us understand the roots of our society.

Knowledge of French can be an advantage in the job market. It can also enlarge your perspective and increase your knowledge of the world and its inhabitants.

Subject	Grade	Prerequisite	Length / Credit
FRENCH 1 French 1 emphasizes the speech patterns, basic grammar, and vocabulary of the French language. This course also includes some study of the culture of France. **	9-12	None	2 sem / 1 cr
FRENCH 2 <i>*Prerequisite: Grade of D+ or better in French 1</i> French 2 continues the aural-oral method, using the same materials and series of French 1. This second-year course puts additional emphasis on reading and writing the language as well as continuing to develop oral skills and study the culture of French-speaking countries. **	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
FRENCH 3 <i>*Prerequisite: Grade of D+ or better in French 2</i> French 3 is designed to continue developing reading, speaking, writing, and listening. **	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
FRENCH 4 <i>*Prerequisite: Grade of D+ or better in French 3</i> French 4 focuses emphasis on increasing proficiency in expression and comprehension. **	12	<i>Prerequisite*</i>	2 sem / 1 cr

SPANISH

Spanish is one of the major languages of the world. It is spoken throughout all of Latin America (except Brazil and French Guiana) as well as Spain. As the United States becomes more and more involved with the Spanish-speaking world, it is important that we understand the language of our neighbors in Latin America, Europe and throughout the world.

American business and service organizations are not likely to hire you on the basis of language skills alone, but many of them do recognize the importance of knowing another language, particularly Spanish. For example, an engineer with a knowledge of Spanish may find that their language skills become as valuable to their company as their technical skills; making them a more desirable employee.

Through the study of Spanish, you may enjoy Spanish literature, videos, and music. It is said that if a person speaks both Spanish and English, they can communicate with over half of the world's population! Knowing Spanish will also enable you to have a clearer perspective of our country's relationships with Spanish-speaking countries.

SPANISH 1 Enables students to carry on a short Spanish conversation within the limits of the material studied. This first-year course uses the communicative approach, and covers basic grammar and vocabulary. This course also includes some study of the customs and culture of Spanish-speaking countries. **	9-12	None	2 sem / 1 cr
SPANISH 2 <i>*Prerequisite: Grade of C- or better in Spanish 1</i> Spanish 2 continues the communicative approach, using the same materials and series. This second-year course puts additional emphasis on reading and writing the language as well as continuing the study of the culture of Spanish-speaking countries. **	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
SPANISH 3 <i>*Prerequisite: Grade of C- or better in Spanish 2</i>	11-12	<i>Prerequisite*</i>	2 sem / 1 cr

This course is designed to improve students' performance in understanding, speaking, reading, and writing. The working language of the class will be predominantly Spanish; the class will emphasize conversation, oral and written composition, and the reading of stories. The major purpose of this class is to enable students to gain greater proficiency in the use of the language. **

SPANISH 4

12

*Prerequisite**

2 sem / 1 cr

**Prerequisite: Grade of C- or better in Spanish 3*

The main objective of this course is to give students greater fluency in the spoken language and greater proficiency in reading and writing. During this time, a student may work on the Advanced Placement program in Spanish, which is a college-level course in Spanish language. Students enrolled in this course may decide the type of study they will pursue. The native Spanish-speaking exchange students generally work with this group. **

HERITAGE LANGUAGE PROGRAM

Klallam Language and Culture 1 is called a Heritage Language instead of a World Language. Klallam is a Coast Salish dialect. Most of the Heritage Languages in British Columbia, Washington, Oregon, Idaho, and parts of Montana are Salish languages. Studying this language provides the opportunity to learn about the American Indian language, history, and culture here on the Olympic Peninsula.

KLALLAM LANGUAGE 1

9-12

None

2 sem / 1 cr

Students will learn the Klallam alphabet; vocabulary, and basic everyday useful phrases. Students will learn basic Klallam stories told by fluent speakers. Emphasis will be on listening, speaking, reading and writing in Klallam. The culture and history of the Klallam Tribe will be introduced.

KLALLAM LANGUAGE 2

10-12

*Prerequisite**

2 sem / 1 cr

**Prerequisite: Grade of D+ or better in Klallam 1*

Students will continue learning advanced Klallam grammar. Students will also begin to speak conversational Klallam through dialogs; write and speak Klallam stories told by fluent speakers. The culture and history of the Klallam Tribe will be further explored.

OTHER COURSE OFFERINGS

Subject	Grade	Prerequisite	Length / Credit
---------	-------	--------------	-----------------

ADVISORY

2 sem / 0.5 cr

This is a graded course (S or U) where all students are assigned an Advisor who provides personalized support and academic guidance. Time is allotted for discussions, post high-school guidance, grade-level projects, all-school distribution of information, and course registration. "Advisory groups...create the conditions for improving student achievement and behavior and enrich the lives of students and teachers through personalization of the learning experience." (Brown University, 2003) **R**

ELEMENTARY/MIDDLE SCHOOL STUDENT TEACHER ASSISTANT

11-12

*Prerequisite**

2 sem / 1 cr

**Prerequisite: Teacher permission and GPA of 2.5*

This is a two-period class in which juniors and seniors interested in a career in education and/or business, work in conjunction with a cooperating teacher in one of our elementary schools or SMS. This class gives the students a first-hand experience in working with young people. Grading will be on a satisfactory, unsatisfactory basis. **R, V**

LIBRARY INTERN

*Prerequisite**

1 sem / 0.5 cr

**Prerequisite: Permission of Teacher-Librarian and consistent attendance*

The mission of the PAHS Library is to ensure that all students and staff are effective users of ideas and information. To that end, Library Interns receive instruction and practice in the location of information in print and electronic sources, information skills and processes, and the clerical skills related to management of the Library Information Center and customer services. Basic computer skills are desirable; but we will train on the job.

Attendance is critical. Students missing more than five (5) days will be required to make-up time before school, after school, during Wednesday late-starts, and/or during lunch. Students will not be able to earn credit or passing status without having made up days over five (5).

Interns will learn and use skills related to teambuilding, problem solving, and effective communication. Students are required to learn the Dewey Decimal system and the layout of the library and use that information in reading and maintaining the shelves. Interns are expected to be self-regulating, independent workers-looking for jobs that need to be done and doing them, identifying patrons who are having difficulties and helping them be successful – all with a smile. Because PAHS Library supports the 21st Century Skills and we daily reinforce practice in communicating verbally and in writing to evoke clear understanding, interns will be reading fiction and non-fiction books of their choice, writing reviews that showcase their selections and make recommendations for others to use. Interns will be writing short synopses and recommendations and displaying them in the library. Interns will also be required to produce displays in support of reading and show casing the PASH library collection. The displays will be changed every three to six weeks. Interns will also make suggestions for materials to be included in the library collection. **R**

OFFICE ASSISTANT

11-12

*Prerequisite**

1 sem / 0.25 cr

**Prerequisite: Permission of the office*

This is a one-semester class that includes work in either the business office or attendance office. Students will run errands, do filing, and perform any other type of office work. Attendance is a prime factor in this office work and 90 percent attendance is required. Time may be made up on an hour-for-hour basis. **R**

1 sem / 0.25 cr

**Prerequisite: Permission of counselor*

This is a one-semester class that includes working in the guidance center running call slips and errands and doing photocopying and other office work as necessary. Attendance is very important and 90 percent is attendance is required in order to receive credit. Time may be made up on an hour-for-hour basis. R

1 sem / 0.5 cr

TEACHER ASSISTANT

Under a teacher's supervision, the student enrolled in this class will assist students with developmental disabilities in the classroom and in the community. Responsibilities include accompanying students and staff on community outings, assisting with life skills training and modeling good social skills. The student will have to keep a weekly journal, design one lesson and write a short research or reflection paper. The student must take this class during 6th and 7th period in order to join the class on community outings.

1 sem / 0.25 cr

**Prerequisite: Teacher permission*

Students in this class assist teachers as needed. R

2018-2019 Course Offerings

This schedule of course offerings and descriptions is subject to change. There is no guarantee that any or all courses will be offered in any given year or in the arrangement presented. The school district reserves the right to cancel or not offer a course because of insufficient enrollment, inadequate funding or for other unforeseen reasons. ♦♦ - cross credit available for this course.

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Repeatable for Credit	CADR	Career & Tech Ed	Tech Prep Credit	Fine Arts	English	Mathematics	Science	Social Studies	Physical Education	Elective Only	Special Programs	Health
	√	√	√	3-D DESIGN	ART 711	SEM	♦			♦			♦								
		√	√	ACCOUNT I A & B	BUS 451/452	SM/YR					♦				♦♦						
		√	√	ACCOUNTING II A & B	BUS 453/454	SM/YR					♦				♦♦						
√				ADVANCED FIT FOR LIFE	PHE 002	SEM	♦											♦			
√	√	√	√	ADVISORY – MULTIPLE DEPTS		SEM													♦		
√	√			ALGEBRA 1	MTH 307/308	YEAR				♦					♦						
√	√			ALGEBRA LAB	MTH 313/314	YEAR													♦		
	√	√	√	ALG 1A S2	MTAAS2	SEM				♦					♦						
	√	√	√	ALG 1B S1	MTABS1	SEM				♦					♦						
	√	√	√	ALGEBRA 2	MTH 317/318	YEAR	♦			♦					♦						
	√	√	√	ALGEBRA 2/TRIG	MTH 311/312	YEAR	♦			♦					♦						
	√	√	√	ALGEBRA 2/TRIG, HONORS	MTH 321/322	YEAR	♦			♦					♦						
		√		US HISTORY	ESS 201/202	YEAR				♦							♦				
	√	√	√	ARCH DRAW I & II	TRD 411/412	SM/YR	♦				♦										
		√	√	ART, INDEPENDENT	ART 652	SEM	♦	♦					♦								
		√	√	ASTRONOMY	SCI 430	SEM	♦			♦						♦					
		√	√	ASTRONOMY, UNIVERSITY OF WASHINGTON	SCI 427/428	YEAR	♦			♦						♦					
√	√	√	√	AUTO TECHNOLOGY	TRD 500	SEM					♦	♦									
	√	√	√	BELLA VOCE	MUS 641/642	YEAR	♦	♦		♦			♦								
	√			BIOLOGY	SCI 341/342	YEAR	♦			♦						♦					
		√	√	BIOLOGY, AP (EVERY OTHER YEAR)	XXX	YEAR	♦	♦		♦						♦					
√				BIOLOGY, HONORS	SCI 393/394	YEAR	♦			♦						♦					
		√	√	BIOTECH APPLICATIONS	SCI 390	SEM	♦			♦						♦					
		√	√	BIOTECH/FORENSICS	SCI 392	SEM	♦			♦						♦					
		√		BRIDGE TO BRIDGE	ENG 153/154	YEAR	♦			♦				♦							
			√	BRIDGE TO COLLEGE	ENG 151/152	YEAR	♦			♦				♦							
	√	√	√	BUSINESS COMMUNICATIONS	BUS 202	SEM					♦	♦		♦							
	√	√	√	BUSINESS LAW	BUS 201	SEM					♦	♦									
√	√	√	√	BUSINESS PROJECTS	BUS 470	SEM	♦				♦	♦									
	√	√	√	CABINETMAKING - 2 HOUR BLOCK	TRD 801/802	YEAR	♦	♦			♦				♦♦						
	√	√	√	CAD I & II	TRD 421/422	SM/YR	♦				♦										
√	√	√	√	CHAMBER ORCHESTRA	MUS 511/512	YEAR	♦	♦		♦			♦								
	√	√	√	CHEMISTRY	SCI 401/402	YEAR	♦			♦						♦					
		√	√	CHEMISTRY, AP	SCI 405/406	YEAR	♦	♦		♦						♦					
	√	√	√	CHEMISTRY, HONORS	SCI 411/412	YEAR	♦	♦		♦						♦					
√	√	√	√	C OLLISION REPAIR	TRD 451/452	SEM					♦										
	√	√	√	COLLISION REPAIR/REFINISH INTERMED / ADVANCED	TRD 453-456	SEM					♦		♦								

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Repeatable for Credit	CADR	Career & Tech Ed	Tech Prep Credit	Fine Arts	English	Mathematics	Science	Social Studies	Physical Education	Elective Only	Special Programs	Health
√	√	√	√	COMPUTER FORENSICS	TRD 342	SEM					◆	◆									
		√	√	COMPUTER SCIENCE A, AP	TRD361/362	YEAR	◆				◆										
√	√	√	√	CONCERT BAND	MUS 401/402	YEAR				◆			◆								
√	√	√	√	CONCERT ORCHESTRA	MUS 501/502	YEAR				◆			◆								
			√	CONTEMPORARY ISSUES INTERNATIONAL	SOC 152	SEM				◆							◆				
			√	CONTEMPORARY ISSUES NATIONAL	SOC 151	SEM				◆							◆				
√	√	√	√	CYBER SECURITY	TRD 341	SEM					◆	◆									
√	√	√	√	DESIGN AND FABRICATION S1 /S2	TRD 101/102	SEM					◆										
√	√	√	√	DESKTOP PUBLISHING	BUS 443	SEM	◆				◆	◆	..								
√	√	√	√	DIGI COM TOOLS	BUS 464	SEM					◆										
			√	DRAFT PROJECTS 1 & 2	TRD 431/432	SM/YR	◆	◆			◆										
√	√	√	√	DRAMA	ENG115	SEM				◆			◆	◆							
√	√	√	√	DRAMA II	ENG 117	SEM	◆	◆		◆			◆	◆							
	√	√	√	DRAMA III	ENG 118	SEM	◆	◆		◆			◆	◆							
√	√	√	√	DRAW & DESIGN	ART 702	SEM	◆			◆			◆								
√	√	√	√	DRAW & DESIGN, ADVANCED	ART 703	SEM	◆			◆			◆								
	√	√	√	ECONOMICS/MACRO	BUS 102	SEM	◆				◆				..						
	√	√	√	ECONOMICS/MICRO	BUS 101	SEM	◆				◆				..						
		√	√	BUSINESS ADMINISTRATIVE ASST.	ELE 641	SEM	◆	◆	◆		◆										
√				ENGLISH 9	ENG 001/002	YEAR				◆				◆							
√				ENGLISH 9, HONORS	ENG 091/092	YEAR				◆				◆							
	√			ENGLISH 10	ENG 111/112	YEAR				◆				◆							
	√			ENGLISH 10, HONORS	ENG 101/102	YEAR				◆				◆							
		√		ENGLISH 11 – AMERICAN LITERATURE	ENG119/120	YEAR				◆				◆							
		√		ENGLISH LANGUAGE & COMPOSITION, AP	ENG 309/310	YEAR	◆	◆		◆				◆							
			√	ENGLISH LITERATURE & COMPOSITION, AP	ENG 125/126	YEAR	◆	◆		◆				◆							
			√	ENGLISH 12A	ENG 141	SEM				◆				◆							
			√	ENGLISH 12B/DIVERSE VOICES	ENG 144	SEM				◆				◆							
			√	ENGLISH 12B/HEROES THAT ENDURE	ENG 146	SEM				◆				◆							
			√	ENGLISH 12B/MYTHS AND LEGENDS	ENG 142	SEM				◆				◆							
		√	√	ENVIRONMENT SCIENCE, AP	SCI453/454	YEAR															
		√	√	ENVIRONMENTAL SCIENCE	SCI 455	SEM	◆			◆						◆					
√	√	√	√	EVENT PLANNING / PRINCIPALS OF LEADERSHIP	BUS207/208	SEM			◆		◆										
	√	√	√	EVENT PLANNING / LEADERSHIP CONNECTIONS	BUS209/210	SEM	◆	◆	◆		◆										
			√	EWU/POLI100 MODERN GOV'T IN AMERICAN CONTECT	SOC 101	SEM				◆							◆				
√	√	√	√	FINE WOODWORKING 1	TRD 841	SEM			◆		◆		..								
√	√	√	√	FINE WOODWORKING 2	TRD 842	SEM	◆		◆		◆		..								
	√	√	√	FINE WOODWORKING 3	TRD 843	SEM	◆														
	√	√	√	FINE WOODWORKING 4	TRD 844	SEM	◆														
√				FIT FOR LIFE	PHE 001	SEM												◆			
√	√	√	√	FRENCH 1	LANF11/12	YEAR				◆									◆		
	√	√	√	FRENCH 2	LANF21/22	YEAR	◆			◆									◆		
		√	√	FRENCH 3	LANF31/32	YEAR	◆			◆									◆		

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Repeatable for Credit	CADR	Career & Tech Ed	Tech Prep Credit	Fine Arts	English	Mathematics	Science	Social Studies	Physical Education	Elective Only	Special Programs	Health
		✓	✓	FRENCH 4	LANF41/42	YEAR	◆			◆									◆		
		✓	✓	GEOLOGY	SCI431	SEM	◆			◆						◆					
✓	✓			GEOMETRY	MTH 209/210	YEAR	◆			◆					◆						
	✓	✓	✓	GEOMETRY A, SEM 2	MTGAS2	SEM	◆			◆					◆						
	✓	✓	✓	GEOMETRY B, SEM 1	MTGBS1	SEM	◆			◆					◆						
✓	✓	✓		GEOMETRY LAB	MTH 215/216	YEAR	◆												◆		
✓	✓			GEOMETRY, HONORS	MTH 211/212	YEAR	◆			◆					◆						
✓				HEALTH EDUCATION	PHE 000	SEM															◆
		✓	✓	HEALTH, WELLNESS, AND INDEPENDENCE	PHE 100	SEM	◆														
	✓	✓	✓	HUMAN ANATOMY AND PHYSIOLOGY	SCI 343/344	YEAR															
✓				INTEGRATED LAB SCIENCE 9	SCI 001/002	YEAR				◆						◆					
✓	✓	✓	✓	INTRO TO BUSINESS	BUS 200	SEM					◆										
	✓	✓	✓	JAZZ ENSEMBLE	MUS 441/442	YEAR	◆	◆		◆			◆								
	✓	✓	✓	JOURNALISM (TIMBERLINE)	ENG 131/132	YEAR	◆	◆		◆				◆							
✓	✓	✓	✓	JOURNALISTIC WRITING	ENG 113	SEM				◆				◆							
✓	✓	✓	✓	JROTC NAV SCI 1	NAV 101/102	YEAR					◆							..			◆
	✓	✓	✓	JROTC NAV SCI 2	NAV 201/202	YEAR					◆							
		✓	✓	JROTC NAV SCI 3	NAV 301/302	YEAR	◆				◆							..			
		✓	✓	JROTC NAV SCI 4	NAV 401/402	YEAR	◆				◆							..			
✓	✓	✓	✓	KLALLAM LANG 1	LANK11/12	YEAR													◆		
	✓	✓	✓	KLALLAM LANG 2	LANK21/22	YEAR	◆												◆		
✓	✓	✓	✓	MACHINE SHOP I	TRD 700	SEM					◆										
	✓	✓	✓	MACHINE SHOP II	TRD 721/722	SM/YR	◆	◆			◆		..								
		✓	✓	MACHINE SHOP III – 2 HOUR BLOCK	TRD 731/732	SM/YR	◆	◆			◆							
✓	✓	✓	✓	MACHINE SHOP, INDEPENDENT	TRD 711/712	SM/YR	◆	◆	◆		◆										
		✓	✓	MARINE SCIENCE	SCI 450	SEM	◆			◆						◆					
	✓	✓	✓	MARKETING, ADVANCED	BUS 411/412	YEAR	◆				◆	◆									
			✓	MARKETING, INDEPENDENT	BUS 423/424	YEAR	◆	◆			◆										
		✓	✓	MARKETING SEMINAR	BUS 421/422	YEAR	◆	◆			◆	◆									
✓	✓	✓	✓	MARKETING, SPORTS	BUS 403/404	YEAR					◆		..								
		✓	✓	MATH TUTOR	MTH 807	SEM	◆														
		✓	✓	MEDICAL CAREERS	MED 649/650	YEAR					◆	◆				◆					
	✓	✓	✓	MEDICAL TERMINOLOGY	MED 647/648	YEAR					◆										
✓	✓	✓	✓	MEN'S CHOIR	MUS 601/602	YEAR				◆			◆								
✓	✓	✓	✓	MICROSOFT OFFICE ESSENTIALS	BUS 310	SEM					◆	◆									
✓	✓	✓	✓	MICROSOFT OFFICE EXPERT	BUS 315	SEM	◆				◆	◆									
✓	✓	✓	✓	MICROSOFT MULTI MEDIA	BUS 320	SEM	◆				◆	◆									
	✓	✓	✓	MONEY MANAGEMENT BUSINESS	BUS 204	SEM	◆				◆				..						
	✓	✓	✓	MONEY MANAGEMENT PERS	BUS 203	SEM	◆				◆				..						
✓	✓	✓	✓	NATIVE AMERICAN STUDIES	SOC 210	SEM				◆							◆				
✓	✓	✓	✓	PAINTING	ART 706	SEM				◆			◆								
	✓	✓	✓	PAINTING, ADVANCED	ART 707	SEM				◆			◆								
✓	✓	✓	✓	PERCUSSION ENSEMBLE	MUS 421/422	YEAR	◆	◆		◆			◆								
✓	✓	✓	✓	PERSONAL FITNESS	PHE 201/202	SEM	◆											◆			

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Repeatable for Credit	CADR	Career & Tech Ed	Tech Prep Credit	Fine Arts	English	Mathematics	Science	Social Studies	Physical Education	Elective Only	Special Programs	Health
		√	√	PERSONAL TRAINING / DEVELOPMENT	PHE 601/602	YEAR	◆											◆			
		√	√	PHYSICS	SCI 421/422	YEAR	◆			◆						◆					
√	√	√	√	POTTERY	ART 743	SEM				◆			◆								
√	√	√	√	POTTERY, ADVANCED	ART 744	SEM	◆			◆			◆								
		√	√	PRE CALCULUS	MTH 713/714	YEAR	◆			◆					◆						
		√	√	PRECALC, HONORS/UW 120	MTH 711/712	YEAR	◆			◆					◆						
√	√	√	√	PRINTMAKING	ART 708	SEM				◆			◆								
√	√	√	√	RIDER NEWS	ELE 501/502	SM/YR													◆		
√	√	√	√	RISE OF THE USA	SOC 159	SEM															
√	√	√	√	SCULPTURE	ART 720	SEM				◆			◆								
√	√	√	√	SPANISH 1	LANS11/12	YEAR				◆									◆		
	√	√	√	SPANISH 2	LANS21/22	YEAR	◆			◆									◆		
		√	√	SPANISH 3	LANS31/32	YEAR	◆			◆									◆		
		√	√	SPANISH 4	LANS41/42	YEAR	◆			◆									◆		
√	√	√	√	SPECIAL SERVICES, DEV LANG ARTS	DEV 101/102	YEAR								◆						◆	
√	√	√	√	SPECIAL SERVICES, DEV MATH	DEV 201/202	YEAR									◆					◆	
√	√	√	√	SPECIAL SERVICES, DEV SOC STUDIES	DEV 401/402	YEAR											◆			◆	
		√	√	SPECIAL SERVICES, EMPLOYMENT SUPPORT	DEV 501/502	SM/YR													◆	◆	
√	√	√	√	SPECIAL SERVICES, LEARNING STRATS	MOD 151/152	SM/YR													◆	◆	
√	√	√	√	SPECIAL SERVICES, LIFE SKILLS	MOD 140	YEAR													◆	◆	
√	√	√	√	SPECIAL SERVICES, MDFY ALGEBRA	MOD 011/012	SM/YR									◆					◆	
	√	√	√	SPECIAL SERVICES, MDFY GEOMETRY	MOD 001/002	SM/YR									◆					◆	
√				SPECIAL SERVICES, MDFY LANG ART 9	MOD 091/092	SM/YR								◆						◆	
	√			SPECIAL SERVICES, MDFY LANG ART 10	MOD 101/102	SM/YR								◆						◆	
		√		SPECIAL SERVICES, MDFY LANG ART 11	MOD 111/112	SM/YR								◆						◆	
			√	SPECIAL SERVICES, MDFY LANG ART 12	MOD 121/122	SM/YR								◆						◆	
		√	√	SPECIAL SERVICES, MDFY MATH APPLICATIONS	MOD 007/008	SM/YR			◆						◆					◆	
√	√	√	√	STAIN GLASS	ART 723	SEM				◆			◆								
√	√	√	√	STAIN GLASS, ADVANCED	ART 724	SEM	◆			◆			◆								
		√	√	STATISTICS	MTH 803/804	YEAR	◆			◆					◆						
		√	√	STATISTICS, AP	MTH 801/802	YEAR	◆			◆					◆						
√	√	√	√	STRENGTH & CONDITIONING	PHE 301/302	SEM	◆											◆			
√	√	√	√	SURVEY OF ART I	ART 101	SEM				◆			◆								
√	√	√	√	SURVEY OF ART 2	ART 102	SEM	◆			◆			◆								
	√	√	√	SYMPHONIC BAND	MUS 411/412	YEAR	◆	◆		◆			◆								
	√	√	√	SYMPHONIC CHOIR	MUS 621/622	YEAR	◆	◆		◆			◆								
	√	√	√	SYMPHONIC ORCHESTRA	MUS 521/522	YEAR	◆	◆		◆			◆								
√	√	√	√	TEAM SPORTS	PHE 401/402	SEM	◆											◆			
√	√	√	√	TECHNICAL DRAWING 1	TRD 441	SEM				◆											
√	√	√	√	TECHNICAL DRAWING 2	TRD442	SEM	◆			◆											
√	√	√	√	THEATRE TECHNOLOGY	TRD371/372	YR			◆												
		√		US HISTORY	ESS 201/202	YEAR				◆								◆			
			√	US GOV/POLITICS, AP	SOC 101	SEM				◆								◆			
		√		US HISTORY, AP	SOC 185/186	YEAR	◆	◆		◆								◆			
		√	√	UW CALC/UW 124 (AP CALCULUS)	MTH 701/702	YEAR	◆			◆					◆						
√	√	√	√	VIDEO GAME PROGRAMMING 1	TRD 353/354	YEAR	◆				◆										

[illegible]

Welcome to
Port Angeles High
School

Home
of the
Roughriders