

Port Angeles High School



Home of the Roughriders

**Program of Studies
2024-2025**

August 2024

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Nondiscrimination Policy

The Port Angeles School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression, gender identify, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employee(s) has been designated to handle questions and complaints of alleged discrimination:

Civil Rights and Title IX Officer

Scott Harker

905 W. 9th St.

Port Angeles, WA 98363

360.457.8575

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.

Teachers and Staff:

Port Angeles High School teachers and staff will help you on the path to academic success. Our staff's specialties and expertise are varied. We are here for you and it is our goal that every student will have an adult they can turn to in times of need. In the classroom we will provide the instruction, support, challenge and rigor to assist you in mastering subject matter. Outside of the classroom we model how working together as a professional learning community we can accomplish more.

College and Career Planning:

Your counselors and teachers can help you make future choices based upon your interests, skills and achievements. At Port Angeles High School, as part of the students High School and Beyond Plan they will take multiple Career Interest Surveys. The information obtained will guide future class selections as well as inform possible career choices.

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, College in the High School, 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.

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 - 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.

College Success Foundations - 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 **College Success Foundation** 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 Marketing (CTE Coordinator)..... Jennifer Rogers
jrogers@portangelesschools.org

English Mark Valentine
mvalentine@portangelesschools.org

Skills & Technical Sciences Paul Arndt
parndt@portangelesschools.org

Math Lance Petry
lpetry@portangelesschools.org

Music / Art John Lorentzen
jlorentzen@portangelesschools.org

Physical Education and Health Darlene Armstrong
darmstrong@portangelesschools.org

Science Rodger Johnson
rjohnson@portangelesschools.org

Social Studies..... Angie Gooding
agooding@portangelesschools.org

Special Services Deziree
Greenstreet
dgreenstreet@portangelesschools.org

World Languages Debra 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	7.0 credits at the end of Freshman year
Junior	14.0 credits at the end of Sophomore year
Senior	21.0 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 8:25 a.m. and ends at 2:55 p.m. On Wednesday, school begins at 9:25 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.

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	☐	Start planning now: take the right courses and earn the best grades possible.
	☐	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	☐	Register with the NCAA Eligibility Center at eligibilitycenter.org
	☐	If you fall behind, ask your counselor for help with finding approved courses you can take.
GRADE 11		
STUDY	☐	Check your final NCAA core courses as you prepare for graduation.
	☐	Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
	☐	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.
	☐	Make sure you are on track to graduate
GRADE 12		
GRADUATE	☐	Complete your final NCAA core courses as you prepare for graduation.
	☐	Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
	☐	Request your final amateurism certification beginning April 1 (fall enrollees) or October 1 (spring enrollees) in your NCAA Eligibility Center account at eligibilitycenter.org
	☐	After you graduate, ask your counselor to send or upload your final official transcript with proof of graduation to the NCAA Eligibility Center.
	☐	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 I 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 core courses, including seven in English, math or natural/physical science, before the start of your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA. 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, which balances your test score and core-course GPA. If you have a low test score, you need a higher core-course GPA to be eligible. If you have a low core-course GPA, you need a higher test score to be eligible.
- 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 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:
1. 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 2.2 GPA in your course classes
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 athletics provides a well-rounded collegiate experience that involves a balance of rigorous academics, competitive athletics, and the opportunity to pursue the multitude of other co-curricular and extra-curricular opportunities offered on Division III campuses.

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:

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

- a. will enroll at an NAIA institution immediately after high school graduation
- 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*
- 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 for the Class of 2021 and Beyond</u>
<u>English</u>	4
<u>Mathematics</u>	3
<u>Science (including 2 lab credits)</u>	3
<u>Social Studies</u>	3
<u>Health and Fitness (one class must include training in cardiopulmonary resuscitation (CPR) and use of automatic external defibrillators (AED)).</u>	.5 credit health; 1.5 credit fitness
<u>Arts</u>	2*
<u>Occupational Education</u>	1
<u>Electives</u>	4
<u>World Language</u>	2**
<u>Total State Credit Requirements</u>	24***
<u>District Requirement:</u>	
<u>Total State and District Credit Requirements</u>	24

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)

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.



Graduation Course-Taking Requirements

Subject	Career- & College-Ready Graduation Requirements for the Class of 2021 & Beyond*
English	4
Math	3
Science	3 (2 lab)
Social Studies	3
Career and Technical Education ¹	1
Health and Fitness	2
Arts	2 (1 can be PPR)
General Electives	4
World Language (or) Personalized Pathway Requirement (PPR)	2 (Both can be PPR)
Total Credits	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.

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 checkoutacollege.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 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.

Counseling Department

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

The Counseling Department includes:

Quinn Falcon, Counselor, 360.565.1543, Class of 2025 qflacon@portangelesschools.org

Jamie Christensen, Counselor, 360.565.1557, Class of 2026 jchristensen@portangelesschools.org

Mary Malone, Counselor, 360.565.1561, Class of 2027 mmalone@portangelesschools.org

Freshman A-G Quinn Falcon H-O Jamie Christensen P-Z Mary Malone

Jennifer Mobley Native American Specialist, 360.565.1556, jmobley@portangelesschools.org

Charity Brock Secretary, 360.565.1562, cbrock@portangelesschools.org

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

[Martin Quarto, College Success Advisor, 360.565.1590, mquarto@portangelesschools.org](mailto:mquarto@portangelesschools.org)

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 The Evergreen State 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:

College Academic Distribution Requirements (CADR)
15 credits (in subject areas below)
Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including senior year. Students who are unable to complete three CADR's as high school freshmen, (grade 9) will be considered for admission provided they meet all other state and institutional admission requirements. Students must take a minimum of 3 credits of CADR courses in grades 10-12. **See Science below for CADR courses
English – 4 credits (must include 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
Mathematics – 3 credits (Algebra I, geometry, and Algebra II, or Integrated Math I, II and III). NOTE: Passing the state mandated high school assessment in math is equivalent to learning the first two CADR credits of high school math (Algebra I and geometry or Integrated Math I & II).
Mathematics - Senior year , during the senior year of high school, students must earn a credit in a math-based quantitative course, e.g., statistics, applied math, or appropriate career and technical courses. An algebra-based science course taken during the senior year also would satisfy this requirement and part of the science requirement below. NOTE: The senior year math requirement does not mean a 4 th credit of math is required, nor does it require a higher level of math. The intent of this requirement is for seniors to take a meaningful math.
Science – 3 credits of Science are required, 2 must be Lab Science credits. One credit must be in an algebra-based science course. One credit must be in biology, UW chemistry, or physics (this course may also meet the algebra-based requirement).
World Languages – 2 credits of the same World Language, Native American Language, or American Sign Language.
Social Sciences – 3 credits (history or other science sciences)
Arts – 1 credit of fine, visual, or performing arts – or 1 additional credit in other CADR subject areas. 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 in an academic elective.

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
	Physical Education / Health	Freshman Seminar / Health	Physical Education / Health
	Algebra I	Algebra or Geometry	Honors Geometry
	Integrated Science	Integrated Science	Integrated Science
	Elective	Elective	Elective
	Elective	Elective	Elective
G R A D E 10			
	English 10	English 10 / Honors English 10	Honors English 10
	Geometry	Geometry or Algebra 2 / Trig	Honors Algebra 2 / Trig
	Biology	Biology	Biology
	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	EWU World History
	English 11	English 11	AP English Language and Composition
	US History	EWU U.S. History	AP U.S. History
	Fine Arts	UW Chemistry or Physics	UW Chemistry & advanced science elective
	Algebra 2 / Trig or 3 rd year math elective	Algebra 2 or Pre-Calculus	UW Pre-Calculus and/or AP Statistics
	World Language / PPR	World Language	World Language
G R A D E 12	Science Elective	Fine Arts	Fine Arts / PPR
	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
G R A D E 12	Elective	AP Statistics and/or AP Calculus	Physics & advanced science elective
	Elective	Elective	Elective
	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

Port Angeles High School Academic Honors program is designed to motivate in the highest number of students a desire for intellectual excellence, for participation in rigorous courses of study, and for high levels of academic achievement through college-preparatory programs of learning arranged to match students' individual needs and interests.

Academic Honors will be granted to graduating seniors who have met all of the following five (5) criteria and met timelines set forth for submission and subsequent reviews of applications:

- A. Earned at least twenty-four (24) credits with a minimum overall 3.5 grade point average;
- B. Earned at least twelve (12) of twenty-four (24) credits on the Port Angeles High School campus; Twelve (12) credits must come from designated courses in the five (5) basic academic fields of English, mathematics, science, social science and world language, with a minimum of two (2) credits coming from each field. A minimum of eight (8) credits from designated courses must be taken during the junior and senior year; and
- C. Met standards on all areas (e.g. reading, writing, math, science) of the current state exam required for his/her graduating class; and
- D. Met the published entrance requirements of a Washington State public university or four-year (4) college as of May 1 of the year of his/her graduation from the high school.

A student who transfers to Port Angeles 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/her *prior* enrollment, a transfer student must maintain a 3.5 grade point average *during* his/her enrollment on the campus; and
2. A transfer student must earn at least half of his/her credits on the Port Angeles High School campus.
3. Exceptions may be made at the discretion of the building principal.

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 Counseling 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 by the end of the first semester of their senior year; complete 3.0 credits in art including the following courses with a 3.5 grade point average or higher; Drawing and Design, Painting, Survey of Art, Pottery, and create a digital collection of images (at least 10 pieces) of the best of their high school art work inclusive of 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 Counselor's Office and return the completed application, along with an unofficial transcript, to the Business/Marketing Department chairperson by February 22nd.

Health Science Honors

Students may receive Health Sciences Honors at Port Angeles High School if they:

1. Submit a completed application to the Trade & Tech department chair by February 22nd.
2. Complete at least 4 credits (with a minimum of 3.5 GPA) in Health Science courses including:
 - Medical Terminology (1 cr)
 - Survey of Health Care Careers (0.5 cr)
 - Emergency Response (0.5 cr)
 - Anatomy & Physiology (1 cr)
 - Health Education (0.5 cr)
 - Sports Medicine 1 (1 cr)
 - Sports Medicine 2 (1 cr)
3. Obtain a recommendation from a teacher in a Health Science course

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 (Math 124), ECC Statistics (Math 146), or AP Statistics. The students must maintain a 3.5 GPA in all mathematics. At least half of the math classes completed must have been Honors, AP, and/or College in the High School classes. Seniors must obtain a Department Honors Application from the Counselor's Office and return the completed application, along with an unofficial transcript, to the Math Department chairperson no later than the application deadline set by the PAHS administration.

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-.

Skilled and Technical Science Honors

Any graduating senior from PAHS that has earned 4 credits or more from PAHS skilled and technical program of study, with a combined GPA (includes all S & T classes taken) of 3.3 or higher will be eligible to receive S & T honors at graduation. The student will also need to participate in a co-curricular activity with prior approval from their current S & T teacher. The student needs to fill out the application, which is available in counselor's offices or

from their S & T teacher and give it to the department chair by February 22nd of the year they are graduating. Applications after that date will be ineligible for S & T honors.

Social Studies Honors

Any graduating seniors who have successfully completed 3 credits of Social Studies on campus with no grade lower than an A- qualify for Social Studies Honors. Seniors must obtain a "Department Honors at Graduation Application" from the Counseling Office and return the completed application, along with an unofficial transcript, to the Social Studies Department Chairperson by February 22nd.

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 \$400,000 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 in the Google Classroom for scholarship notebooks. The completed notebook is due in early February, and the scholarships are awarded at an evening event in May. The scholarship notebook is coordinated by the counseling office secretary, Ms. Charity Brock.

Each local scholarship has its own set of eligibility requirements. All donors are given access to all completed scholarship notebooks and will select their recipients without further assistance from the school district. While we do our best to assist every student, we can't guarantee that everyone submitting a scholarship notebook will receive an award. The role of Port Angeles High School District staff is to facilitate the award processes used by scholarship donors in the community. Please 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. Both the Counseling office and the College Success Foundation (CSF) are excellent places to learn about further scholarship opportunities. CSF can be reached at 360-452-1590.

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.

2024-2025 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= Dual 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, P = Prerequisite, S= Lab Science, PE = Physical Education.***

Art Courses

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	CADR	Fine Arts	
		√	√	ART, INDEPENDENT	ART 652	SEM	◆	◆		◆	
√	√	√	√	DRAW & DESIGN	ART 702	SEM			◆	◆	
√	√	√	√	PAINTING	ART 706	SEM			◆	◆	
√	√	√	√	POTTERY	ART 743	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 artwork 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! \$15	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. \$15	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. R, \$15	9-12	None	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. R, \$15	9-12	None	1 sem / 0.5 cr

3D Arts and Crafts Program

POTTERY 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. R, \$20	9-12	None	1 sem / 0.5 cr
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Students in financial need may apply for funding of art fees through their school counselors.

VISUAL DESIGN <i>*Prerequisite: Survey of Art or Draw & Design or Teacher permission</i> <i>An Introduction to Adobe Digital Arts</i> This course is an introduction to the Adobe Suite CC, with a focus on Photoshop and Illustrator. We offer a mixture of guided projects and skill building through online Adobe coursework, balanced with personal creative projects to practice your new skills. You will grow in confidence with creative computer-based art skills. Courses include learning graphic design concepts, illustration skills, and basic file management. This course is available for two (2) semesters, after which time students can apply for an independent study to further their coursework and develop a personal portfolio. You will	10-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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have the option to work toward Adobe certifications, showing competence in the leading software used in all creative careers. * You are required to possess a NOLS library card to enroll for this course, we use the library system to access our coursework. \$15

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.

Career & Technical Education

Port Angeles High School Career and Technical Education (CTE) programs prepare students with technical, academic, and 21st Century skills for success in the workplace and in further education by ensuring all students have opportunities to explore in-demand career pathways. Our CTE programs are continually evolving to meet the needs of our students, the economy, our schools, our community, and college and career readiness requirements. Many of our CTE courses are aligned with community college courses so students have the opportunity to earn college credit (Dual Credit) at no cost, and most courses lead to or provide the opportunity for students to earn industry recognized certifications. The goal of Port Angeles High School Career and Technical Education is to empower students with the motivation to achieve high academic and industry standards as well as the skills and knowledge necessary to successfully transition to life beyond high school as citizens, workers, and leaders.

Career and Technical Education Course Sequence Graduation Pathway

- Complete 2.0 or more credits in a program area that either includes a dual credit course or a course that leads to an industry recognized credential

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Dual Credit	Leads to Industry Cert	Repeatable for Credit	CADR	Fine Arts	English	Mathematics	Science	Physical Education	Health
AGRICULTURE EDUCATION & SCIENCE PROGRAM AREA																		
		√	√	ENVIRONMENTAL SCIENCE	SCI 455/456	SEM	◆					◆				◆		
	√	√	√	MARINE BIOLOGY	SCI 345	SM/YR										◆		
BUSINESS & MARKETING PROGRAM AREA																		
		√	√	ACCOUNT I A & B	BUS 451/452	SM/YR			◆	◆					◆			
		√	√	ACCOUNTING II A & B	BUS 453/454	SM/YR				◆					◆			
		√	√	BUSINESS ADMINISTRATIVE ASST.	BUS 641/642	SEM	◆	◆			◆							
	√	√	√	BUSINESS COMMUNICATIONS	BUS 195/196	SEM/YR			◆	◆				◆				

		√	√	BUSINESS DEPARTMENT ASST.	BUS 998	SEM	◆	◆			◆							
	√	√	√	BUSINESS LAW	BUS 201	SEM		◆		◆								
√	√	√	√	BUSINESS OWNERSHIP	BUS 197	SEM				◆								
√	√	√	√	BUSINESS PROJECTS	BUS 470	SEM	◆			◆	◆							
		√	√	COMPUTER FORENSICS	BUS 304	SEM	◆			◆								
√	√	√	√	COMPUTER SCIENCE PRINCIPLES (AP)	BUS 305/306	YEAR				◆	◆				◆	◆		
		√	√	CYBER SECURITY	BUS 303	SEM	◆			◆	◆							
√	√	√	√	DESKTOP PUBLISHING	BUS 443	SEM	◆			◆	◆			◆				
√	√	√	√	EVENT PLANNING/ PRINCIPLES OF LEADERSHIP	BUS 207/208	YEAR					◆	◆						
	√	√	√	EVENT PLANNING / LEADERSHIP CONNECTIONS	BUS 209/210	YEAR	◆	◆			◆	◆						
√	√	√	√	INFORMATION TECHNOLOGY FUNDAMENTALS	BUS 307	YEAR					◆							
		√	√	LIBRARY INTERN	BUS 255/256	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				◆				◆				
9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Dual Credit	Leads to Industry Cert	Repeatable for Credit	CADR	Fine Arts	English	Mathematics	Science	Physical Education	Health
BUSINESS AND MARKETING PROGRAM AREA (continued)																		
√	√	√	√	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	◆				◆				◆			
	√	√	√	NETWORKING FUNDAMENTALS	BUS 308	YEAR	◆	◆			◆							
	√	√	√	WORKSITE EXPERIENCE BUSINESS	BUS 601/602	SEM	◆	◆			◆							
FAMILY & CONSUMER SCIENCE PROGRAM AREA																		
√	√	√	√	HEALTH EDUCATION	PHE 000	SEM				◆	◆						◆	◆
√	√	√	√	NUTRITION & WELLNESS	PHE 700/701	SEM					◆						◆	
HEALTH SCIENCES PROGRAM AREA																		
	√	√	√	HUMAN ANATOMY AND PHYSIOLOGY	SCI 343/344	YEAR	◆			◆	◆		◆			◆		
√	√	√	√	MEDICAL TERMINOLOGY	MED 648	SEM				◆	◆							
	√	√	√	SPORTS MEDICINE 1	MED 621/622	YEAR				◆	◆							◆
		√	√	SPORTS MEDICINE 2	MED 623/624	YEAR				◆	◆					◆		
√	√	√	√	SURVEY HEALTH CARE CAREERS	MED 640	SEM					◆							
SKILLED & TECHNICAL SCIENCES PROGRAM AREA																		
√	√	√	√	AUTO TECHNOLOGY	TRD 500	SEM					◆							
	√	√	√	AUTO TECHNOLOGY INTERMEDIATE	TRD 511/512	SM/YR	◆	◆			◆	◆						
	√	√	√	CABINETMAKING - 2 HOUR BLOCK	TRD 801/802	YEAR	◆	◆		◆	◆				◆			
√	√	√	√	COLLISION REPAIR 1	TRD 451/452	SEM				◆	◆							
	√	√	√	COLLISION REPAIR 2 – 2 HOUR BLOCK	TRD 453-454	SEM				◆	◆	◆		◆				
	√	√	√	COLLISION REPAIR 3 – 2 HOUR BLOCK	TRD 454-455	SEM				◆	◆	◆		◆				

✓	✓	✓	✓	COLLISION WELDING	TRD 457	SEM	◆		◆	◆								
	✓	✓	✓	CORE PLUS	TRD 743-748	YEAR				◆				◆	◆	◆		
	✓	✓	✓	CORE PLUS MARITIME	TRD 521-526	YEAR				◆				◆	◆	◆		
✓	✓	✓	✓	ENGINEERING 1	TRD 217/218	YEAR				◆						◆		
	✓	✓	✓	ENGINEERING 2	TRD 221/222	YEAR	◆			◆					◆			
✓	✓	✓	✓	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 TRADE & TECH	TRD 101/102	SEM/YR				◆								
✓	✓	✓	✓	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		◆			◆			◆				
✓	✓	✓	✓	MACHINE SHOP 1	TRD 700	SEM	◆			◆								
✓	✓	✓	✓	MACHINE SHOP 2	TRD 721/722	SEM	◆	◆		◆				◆				
	✓	✓	✓	MACHINE SHOP 3 – 2 HOUR BLOCK	TRD 731/732	SEM	◆	◆		◆	◆			◆		◆		
		✓	✓	MACHINE SHOP, INDEPENDENT	TRD 711/712	SM/YR	◆	◆		◆	◆							
✓	✓	✓	✓	RIDER NEWS	TRD 501/502	YEAR			◆	◆	◆			◆				
9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Dual Credit	Leads to Industry Cert	Repeatable for Credit	CADR	Fine Arts	English	Mathematics	Science	Physical Education	Health
✓	✓	✓	✓	THEATRE TECHNOLOGY	TRD 371/372	YEAR				◆	◆		◆					
✓	✓	✓	✓	VIDEO GAME DESIGN	TRD 353/354	YEAR				◆			◆					
✓	✓	✓	✓	VIDEO PRODUCTION	TRD 363/364	YEAR			◆	◆			◆					
✓	✓	✓	✓	VISUAL COMMUNICATION DESIGN	BUS 357	SEM			◆	◆								
✓	✓	✓	✓	WELDING 1	TRD 751/752	YEAR			◆	◆								
	✓	✓	✓	WELDING 2	TRD 753/754	YEAR	◆		◆	◆								
		✓	✓	WELDING 3	TRD 755/756	YEAR	◆			◆								
	✓	✓	✓	WOODWORKING, INDEPENDENT	TRD 851/852	SM/YR	◆	◆		◆	◆							
✓	✓	✓	✓	YEARBOOK	TRD 209/210	YEAR	◆	◆			◆	◆	◆	◆				
STEM PROGRAM AREA																		
✓	✓	✓	✓	ROBOTICS ENGINEERING & DESIGN	TRD 219/220	YEAR				◆						◆		

CAREER AND TECHNICAL EDUCATION COURSE DESCRIPTIONS

Subject	Grade	Prerequisite	Length / Credit
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ACCOUNTING	11-12	None	2 sem / 1 cr
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Dual Credit Course

This 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. *Juniors and Seniors: see math department course description section for math credit equivalency options.* V, 3M, C

Subject	Grade	Prerequisite	Length / Credit
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AUTO TECHNOLOGY	9-12	None	1 sem / 0.5 cr
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Industry Certification Option

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

AUTO TECHNOLOGY, INTERMEDIATE	10-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1.0 cr
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Industry Certification Option

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, R, P

BUSINESS COMMUNICATIONS	10-12	None	1 or 2 sem / 0.5 or 1.0 cr
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Dual Credit Option

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 based on industry standards. V, E, C

BUSINESS DEPARTMENT ASSISTANT

(PAHS)	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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**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
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**Prerequisite: Teacher permission, application.*

This is a one or two-period course in which juniors and seniors work in conjunction with a cooperating teacher or secretary in one of our elementary schools or SMS. This course provides students with first-hand experience in working in an office environment working with PASD staff, the public, and students.

Grading will be on a satisfactory, unsatisfactory basis. V, R, T

BUSINESS LAW	10-12	None	1 sem / 0.5 cr
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Dual Credit Option

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 affects 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

BUSINESS OWNERSHIP	9-12	None	1 sem / 0.5 cr
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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. V

BUSINESS PROJECTS

9-12

*Prerequisite**

1 sem / 0.5 cr

Dual Credit Option

Industry Certification Option/Microsoft Imagine Academy Course

**Prerequisite: Microsoft Office Essentials*

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

Subject	Grade	Prerequisite	Length / Credit
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CABINETMAKING AND MILL-WORK 1, 2

10-12

*Prerequisite**

1.0 cr per sem

Dual Credit Option

**Prerequisite: Intro to Trades or Fine Woodworking with a grade of C+ or better; 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. Safety glasses are required. \$, T, R, V, 3M, C, P Juniors and seniors: see math department course description section for math credit equivalency options.

COLLISION REPAIR 1

9-12

None

1 sem / 0.5 cr

Industry Certification Option

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. Safety glasses are required. V

COLLISION REPAIR 2 and

10-12

*Prerequisite**

1.0 cr per sem

COLLISION REPAIR 3

Industry Certification Option

**Prerequisite: Collision Repair 1*

☞ These courses are 2 periods each for 1 semester and will receive 1 credit

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. Safety glasses are required. A passing grade in Collision Repair 2 is needed for enrollment in Collision Repair 3. FA, V, R, P

COLLISION WELDING

9-12

*Prerequisite**

1 sem / 0.5 cr

Dual Credit Option

Industry Certification Option

**Prerequisite: 9th 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. Safety glasses are required. \$10, R, C, P, T

COMPUTER SCIENCE PRINCIPLES, AP

9-12

None

2 sem / 1.0 cr

Dual Credit Option

This full-year, rigorous, entry-level course introduces students to the foundations of modern computing through Code.org's Computer Science Principles (CSP) curriculum. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. This course prepares students to take the Computer Science Principles Advanced Placement Exam (optional). V, S, 3M, C

CORE PLUS

11-12

(3 Period Blocks)

2 sem / 3 cr

This Core Plus Manufacturing program, that for students, takes place over 540 hours helps them achieve an eligibility of one credit of 11th or 12th grade English language arts, one credit of third-year mathematics and one credit in sciences. This manufacturing course helps students learn the process of manufacturing production across 18 separate units totaling 540 hours. The course will touch upon topics like tool usage, safety, Lean manufacturing processes, joinery, hydraulics and pneumatics, rigging, cutting and rigging, etc. Students within this course will apply their manufacturing knowledge to mathematics to

study their mathematics applied to manufacturing principles using geometry and algebra thinking to be able to help solve problems in those processes. Students will use scientific thinking in this course to help solve manufacturing problems using scientific principles. This course will challenge students to use multiple disciplines and a successful manner to create an employable well-versed member of a manufacturing team. V, S, M, E

CORE PLUS MARITIME 11-12 (3 Period Blocks) 2 sem / 3 cr

This course is designed to teach design, manufacture, and testing, helping students recognize where each unit's information is important to the maritime and manufacturing industries, and how that information is best utilized during the various manufacturing processes. The program focuses on welding, diesel mechanics, marine maintenance, ship repair, marine carpentry and boat building. Core Plus Maritime is approved for an English, Science and Math credit when taking the three-hour block. Core Plus Maritime graduates learn skills in safety, tool and equipment use along with employability skills in successful resume writing and participating in mock job interviews with employers. Graduates earn certificates that document their learning achievements. V, S, M, E

Subject	Grade	Prerequisite	Length / Credit
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CYBERSECURITY	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
COMPUTER FORENSICS	11-12		1 sem / 0.5 cr

Dual Credit Option

Industry Certification Option

**Prerequisite: Networking Fundamentals or teacher permission*

These courses expose students to cybersecurity and computer forensics careers including cyber incident response, vulnerability detection and assessment analyst, computer forensic analyst, computer forensic investigator, security architect, information security officers, among others. Students will learn about the legal, ethical, and theoretical issues in cybersecurity and computer forensics technology, as well as the work place skills needed to succeed in this industry. Units of instruction include computer networking, ethical penetration testing, evidentiary analysis, and the development of a forensically sound and secured environment. V, C, P

DESKTOP PUBLISHING 9-12 *Prerequisite** 1 sem / 0.5 cr

Dual Credit Option

Industry Certification Option/Microsoft Imagine Academy Course

**Prerequisite: Microsoft Office Essentials or Expert strongly recommended*

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. V, FA, C, P

ENGINEERING 1 9-12 2 sem / 1 cr

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using modeling computer design software. Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document solutions using engineering notebooks and 3D modeling software. V, M

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

**Engineering 1*

Students explore the work of engineers and their role in the design and development of solutions to real-world problems. The course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills through the use of a variety of engineering tools, such as geographic information systems (GIS), 3D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing. V, M, S

ENVIRONMENTAL SCIENCE A 11-12 *Prerequisite** 1 sem / 0.5 cr

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

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.

V, S, P

ENVIRONMENTAL SCIENCE B	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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**1 credit in any previous science. This course is offered second semester only.*

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. **V, S, P**

EVENT PLANNING / PRINCIPLES OF LEADERSHIP	9-12	None	2 sem / 1 cr
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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, 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**

EVENT PLANNING / LEADERSHIP CONNECTIONS	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
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Industry Certification Option

**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. **V, R, T, P**

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

FINE WOODWORKING 1A	9-12	None	1 sem / 0.5 cr
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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. Safety glasses are required. **\$, FA, R, V**

FINE WOODWORKING 1 B	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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Dual credit option

**Prerequisite: Fine Woodworking 1*

This is a one-period class that is a continuation of Fine Woodworking 1. The student will be progressing through more difficult projects that will require using skills learned in Fine Woodworking. The student will have assigned projects. Safety glasses required. **\$, FA, R, V, C, P**

FINE WOODWORKING 2A-B	10-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
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**Prerequisite: Fine Woods 1*

This class is open to students that have successfully completed Fine Woods 1. Students will learn furniture construction and build chairs, desks, dining room tables, etc. **\$, V, FA, P**

HEALTH EDUCATION	9-12	None	1 sem / 0.5 cr
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Dual Credit Option

Industry Certification Option

The intent of this class is to help students make independent and informed decisions concerning their overall Health and Wellness. Information covered includes: reasoning for self and others, nutrition and wellness practices that enhance individual and family well being, human growth and development, health related career exploration, substance use, and comprehensive sexual education. NJROTC students are exempt from Health, if they are enrolled in NJROTC Sciences 1 and earn a passing grade. **V, PE, C**

HUMAN ANATOMY AND PHYSIOLOGY	10-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
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Dual Credit Option

**Prerequisite: Biology*

This course provides a comprehensive study of the anatomy and physiology of all the systems that make up the human body. Topics include body organization, homeostasis, cytology, & histology. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. Laboratory work

includes dissection of preserved specimens, microscopic study, physiologic experiments, computer simulations, case studies, and multimedia presentations. V, S, C, P

INDEPENDENT MACHINE SHOP 10-12 *Prerequisite** 1 or 2 sem / 0.5-1.0 cr

**Prerequisite: teacher permission*

Student must have successfully completed Machine Shop 1 and 2, and have pre-approval from instructor for a special project. \$, R, V, T, P

INDEPENDENT WOODWORKING 10-12 *Prerequisite** 1 or 2 sem / 0.5-1.0 cr

**Prerequisite: teacher permission*

☞ 1 or 2 semesters and receive 0.5-1.0 credit

Student must have successfully completed a year of Fine Woods or Cabinetmaking, and have pre-approval from instructor for a special project. \$, R, V, T, P

INFORMATION TECHNOLOGY FUNDAMENTALS 9-12 **None** 2 sem / 1.0 cr

In this course, students will explore foundational concepts related to computer hardware and software, networking, databases, programming, Information Systems, and data security. As students perform real-world tasks associated with various IT fields, they will gain a broad understanding of career options that will help them refine their career interests. The course covers all objectives necessary to pass the TestOut IT Fundamentals Pro and CompTIA IT Fundamentals (FC0-U61) certification exams. V

INTRODUCTION TO TRADE & TECH 9-12 **None** 1 or 2 sem / 0.5-1.0 cr

☞ 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. *Drafting* provides an introduction to equipment and multi-view drawings for shop projects. *Wood technology* provides an introduction to hand and power tools, safety and operations in the milling and assembly of wood products. *Metals* provide an introduction to sheet metal fabrication. *Electricity* provides an introduction to the world of practical house wiring. *Technology* provides an introduction to design, building, and engineering. \$, V

LIBRARY INTERN 10-12 *Prerequisite** 1 sem / 0.5 cr

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

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. Interns will learn and use skills related to teambuilding, problem solving, and effective communication. 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. R, V

Subject	Grade	Prerequisite	Length / Credit
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MACHINE SHOP 1	9-12	None	2 sem/ 1.0 cr
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Industry Certification Option

Explore the machining trade by learning how to take raw materials and manufacture them into a finished part. Learn how to read blueprints, work with hand tools, and how to use entry-level machines like the drill press, lathe and milling machines with safety in mind. By the end of this course students will have a chance to build their own tools for use in the real world. Safety glasses are required. \$, V

MACHINE SHOP 2	9-12	<i>Prerequisite*</i>	2 sem/ 1.0 cr
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Industry Certification Option

**Prerequisite: Machine Shop 1*

This one period class continues to build upon the knowledge and skills learned in Machine Shop 1 through more complex projects that include the use of more advanced tools. The student will have assigned projects. Students who qualify may obtain a Fine Arts credit. Safety glasses are required. \$, FA, T, P

MACHINE SHOP 3	10-12	<i>Prerequisite*</i>	2 sem/ 1.0 cr
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Industry Certification Option

☞ Two periods for one or two semesters and receive 1 or 2 credits

**Prerequisite: Machine Shop 1 and 2*

Collaborate and refine your machining skills to showcase what you have learned in Machine Shop 1 and 2 as you design and manufacture projects. Learn the job skills employers want and how to find employment in the machining industry. Through

an instructor-approved, independent project, students will have an opportunity to be trained in advanced machining techniques, such as CNC and plasma cutting. Safety glasses are required. Note: The machinist trade is a field with consistent and growing demand for employees. \$, FA, V, 3M, T, P, R Juniors and seniors: see math department course description section for math credit equivalency options.

MARINE BIOLOGY

10-12

A program that focuses on the scientific study of the ecology and behavior of microbes, plants, and animals inhabiting oceans, coastal waters, and saltwater wetlands. There will also be a connection to local watersheds, such as the rivers and creeks in the local area. Instruction will include chemical and physical properties of the oceans and seas; marine botany; ichthyology including both cartilaginous and bony fishes, marine mammalogy; marine population dynamics, biodiversity, study of phyla and specific species both local to our waters and other areas; different habitats, kelp forest, wetlands, coral reefs, deep sea, and polar oceans; and field studies and research techniques. V, S

MARKETING-ADVANCED

10-12

Prerequisite*

2 sem / 1 cr

Dual Credit Option

**Prerequisite: Strongly encouraged to join DECA, teacher permission*

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, T

MARKETING - INDEPENDENT

12

Prerequisite*

2 sem / 1 cr

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

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, T

MARKETING SEMINAR – SMALL BUSINESS

11-12

Prerequisite*

2 sem / 1 cr

**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 opportunities for application of instructional competencies. P, V, T

MARKETING –

SPORTS & ENTERTAINMENT

9-12

None

2 sem / 1 cr

Dual Credit Option

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, C FA

MEDICAL TERMINOLOGY

9-12

1 sem/ 0.5 cr

Dual Credit Option

Course Description: This course introduces the vocabulary, abbreviations, and symbols used in the language of medicine.

Emphasis is placed on building medical terms using prefixes, suffixes, and word roots using a body systems approach. Upon completion, students should be able to pronounce, spell, and define accepted medical terms and abbreviations. Knowledge of medical terminology enhances a student's ability to successfully secure employment or pursue advanced education in health science. This course is a fundamental course for students who are pursuing a career in the health care profession. It is the basic language required for all areas of health science and is required for any health care profession beginning with entry-level staff. V, C

MICROSOFT OFFICE ESSENTIALS	9-12	None	1 sem / 0.5 cr
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Dual Credit Option

Industry Certification Option/Microsoft Imagine Academy Course

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. C, V

MICROSOFT OFFICE EXPERT	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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Dual Credit Option

Industry Certification Option/Microsoft Imagine Academy Course

**Prerequisite: 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. C, V, P

MICROSOFT OFFICE MULTIMEDIA	9-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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Dual Credit Option

Industry Certification Option/Microsoft Imagine Academy Course

**Pre-requisite: Microsoft Office Essentials 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 C, V, FA

MONEY MANAGEMENT BUSINESS	10-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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Industry Certification Option

**Prerequisite: Algebra 1*

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, P

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
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**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.

NETWORKING FUNDAMENTALS	10-12	Prerequisite*	2 sem / 1.0 cr
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**Prerequisite: Information Technology Fundamentals or teacher permission*

Networking Fundamentals provides students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on industry domains including network architecture; network operations; network security; network troubleshooting; industry standards, practices, and network theory; and workplace readiness and leadership skills. Additionally, instruction and training on the proper care, maintenance, and use of networking software, tools, and equipment will be a focus. This course covers the objectives necessary to pass the TestOut Network Pro and/or CompTia Net+ certification exams. **V**

NUTRITION & WELLNESS	9-12		1 sem / 0.5 cr
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This course is designed to help students develop eating behaviors and physical activity choices that will have a positive effect on their current and future lifestyle. You will be provided with essential skills needed to plan and make healthy and delicious meals, evaluate current health status, and develop plans with goals based on individual needs. You will learn how to fuel your body to maintain your mental, emotional, and physical health. You will learn how to budget for your meals, shop for groceries, and fit meal prep into a busy schedule of school, work, and other obligations. We will also find better practices for finding balance with daily stress. **V, PE**

RIDER NEWS	9-12	None	2 sem/1.0 cr
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Dual Credit Option

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, R, C**

ROBOTICS AND ENGINEERING DESIGN	9-12	None	2 sem / 1 cr
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Industry Certification Option

This course will introduce students to the engineering concepts and technology design through a robotics system. Students will work both individually and in collaborative teams to develop and document design solutions to a variety of real-world

problems using engineering tools such as 3D modeling software, hardware, and the engineering notebook. Students will learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science and Systems Design Engineering. They will use applied math and science along with their newfound technology and computer science skills to design, build and program a variety of robots to meet challenging specifications. S, V

Subject	Grade	Prerequisite	Length / Credit
SPORTS MEDICINE I Dual Credit Course Industry Certification Option This exciting course offers students an introduction to concepts of sports medicine and the wide variety of professions within that field. Students will learn human anatomy and physiology, science/medical vocabulary and terminology, prevention and care of athletic injuries, nutrition, strength and conditioning, basic concepts of injury evaluation and rehabilitation related to the lower extremity. Lab work and athletic training skills will consist of evaluations, taping, wrapping, splinting, emergency procedures and dealing with special injury/illness conditions. Students are required to participate in practical experience working with a Certified Athletic Trainer completed outside of the classroom. Students will also have an opportunity to become certified in First Aid and CPR. V, C, PE	10-12	None	2 sem / 1.0 cr
SPORTS MEDICINE 2 Dual Credit Option <i>*Prerequisite: Completion of Sports Medicine I with a C or better</i> Students will build upon basic knowledge gained in sports medicine I, with focus on the upper extremity, head, neck, spine, general medical conditions, and current events in sports medicine. Students are required to participate in practical experience working with a Certified Athletic Trainer completed outside of the classroom. V, P, C, S	11-12	Prerequisite*	2 sem / 1.0 cr
SURVEY OF HEALTH CAREERS Industry Certification Option A general introductory course in health sciences that includes an overview and exploration of a variety of health careers in each of the five Health Care Career Pathways. The National Health Science Standards are the core foundation of this course. For each career pathway, students examine the main tasks and challenges of professionals in that career, the treatments they administer, and the interaction those professionals have with other professionals as well as training and compensation required. Foundational health care principles will be presented including safety, communication, history, ethics, teamwork, anatomy and physiology. V	9-12	None	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, 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. FA, V, R	9-12	None	2 sem / 1.0 cr
VIDEO GAME DESIGN Through a series of hands-on projects students will learn about the software, hardware, and design elements used to represent, display, and manipulate two and three-dimensional objects on a video. Includes instruction in graphics software and systems; digital multimedia; graphic design, video game design and development. V, FA	9-12	None	2 sem / 1 cr
VIDEO PRODUCTION Dual Credit Option 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, C	9-12	None	2 sem / 1 cr
VISUAL COMMUNICATION DESIGN This course introduces students to a practice-based, hands-on approach to visual communication design. Students will explore design, production, display, and presentation of material of all types (advertising, education, illustrative, etc.) using the media that best displays the illustration. They will learn how to design with specific audiences in mind, and edit images using some of the most commonly used photo editing software in the visual design industry. Students completing this course may earn Adobe industry certifications. V	9-12	None	1 sem / 0.5 cr

Subject	Grade	Prerequisite	Length / Credit
WELDING 1 Dual Credit Option Industry Certification Option <i>*Prerequisite: Previously taken any Skilled & Technical Sciences course</i> Learn the properties of metal and how it can be formed to create tools, art, and many other useful or aesthetic structures. This course provides basic concepts for working with mild steel, reading blueprints, working with hand tools, and using entry level machines. By the end of this course students will have a chance to create a project of their own design. This course requires specific attire and PPE prior to welding in the lab. This course will build foundational skills to help prepare students to pass relevant industry certifications. \$, R, V, P, C	9-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
WELDING 2 Dual Credit Option Industry Certification Option <i>*Prerequisite: Earned C or better in Welding 1 or teacher's permission</i> This class continues to build upon the knowledge and skills learned in Welding 1 through more complex projects that include the use of more advanced tools and welding positions. The student will have assigned projects. This course requires specific safety attire and PPE prior to welding in the lab. This course will continue to build foundational skills to help prepare students to pass relevant industry certifications. \$, R, V, P, C	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
WELDING 3 Industry Certification Option <i>*Prerequisite: Earned C or better in Welding 2 or teacher's permission</i> This advance class provides students an opportunity to refine their welding skills and develop industry level welding techniques. Completing projects based on industry standards will help students progress though the mastery of welding positions that can lead to industry certifications. This course requires specific safety attire and PPE prior to welding in the lab. \$, R, V, P	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
WORKSITE EXPERIENCE SKILLED & TECHNICAL SCIENCES <i>*Prerequisite: At least age 16 and enrolled and passing (or successfully completed) a Skilled and Technical Sciences course</i> ☞ This course is an employment phase of a Skilled and Technical Sciences 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, P	10-12	<i>Prerequisite*</i>	see note☞
YEARBOOK <i>*Prerequisite: teacher permission</i> This class produces the <i>Tum Tum</i> , the yearbook for the school. Students will gather, prepare, interpret, and publish the records and history of the school without prejudice. R, FA, V, T, E	9-12	<i>Prerequisite*</i>	2 sem / 1 cr

Naval Junior Reserve Officer Training Corps (NJROTC)

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 if the cadet completes the entire year of Naval Science 2. 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.

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	PE or Vocational or Elective	PE or Vocational or Elective or Science
Naval Science - 3	PE or Vocational or Elective	PE or Vocational or Elective
Naval Science - 4	PE or Vocational or Elective	PE or Vocational or Elective
JROTC Drill	Fine Arts, Vocational or Elective	Fine Arts, Vocational or Elective
JROTC Marksmanship	Vocational or Elective	Vocational or Elective

Subject	Grade	Prerequisite	Length / Credit
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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. **PE, V**

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. **PE, V, S, P**

JROTC NAVAL SCIENCE 3 11-12 *Prerequisite** 2 sem / 1 cr
**Prerequisite: NS1, 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. **PE, V, P**

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. **PE, V, P**

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. **FA, V, P**

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. **V, P**

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 COLLEGE / ENGLISH 12	ENG 151/152	YEAR			◆	◆
√	√	√	√	CREATIVE WRITING	ENG 134	SEM			◆	◆
√	√	√	√	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			◆	◆
√	√	√	√	INTRO TO JOURNALISM	ENG 113	SEM			◆	◆

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.

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 COLLEGE/ English 12	12		2 sem / 1 cr
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 <u>may not</u> 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 three 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 <u>may not</u> 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 three or four major writing assignments and two or three speeches each semester in order to pass.

ENGLISH II – 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.

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	9	None	2 sem / 1 cr
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. **			
HONORS ENGLISH 10	10	None	2 sem / 1 cr
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. **			
AP LANGUAGE AND COMPOSITION	11	<i>Prerequisite*</i>	2 sem / 1 cr
<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. **			
AP ENGLISH LITERATURE AND COMPOSITION	12	<i>Prerequisite*</i>	2 sem / 1 cr
<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. **			

GENERAL ENGLISH ELECTIVES

Note: Students cannot enroll in Drama, Drama II, Drama III, Speech & Debate I, Creative Writing, or Introduction to Journalism without also enrolling in the appropriate required English class (English 9, English 10, English 11, or English 12).

Subject	Grade	Prerequisite	Length / Credit
CREATIVE WRITING	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.			

Honors

DRAMA

9-12

None

1 sem / 0.5 cr

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. Scene work and script analysis are emphasized second semester. Students may repeat this class. E, FA

DRAMA II

10-12

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, characterization and ensemble building, and play analysis of various genres. There will be one in-school production for district elementary school and middle school students—includes evening performance for the community. E, FA, R

DRAMA III ADVANCED ACTING

10-12

Prerequisite*

1 sem / 0.5 cr

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

Students must audition for entrance into this class. This class transfers and applies the knowledge and skills developed in Drama I and II to live performance and productions within the community. Course study will include literary analysis, theatre history, theatre production, directing, playwriting, and play script analysis. 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 and student written one-act plays for evening public performance
- Students engage in one production for multiple evening performances

E, FA, R

INTRODUCTION TO JOURNALISM

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.

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/TRIG	MTH 311/312	YEAR	◆	◆	◆	
	√	√	√	ALGEBRA 2/TRIG, HONORS	MTH 321/322	YEAR	◆	◆	◆	
	√	√	√	ALGEBRA 2 TRIG LEARNING LAB	MTH 323/324	SEM				◆
		√	√	BRIDGE TO COLLEGE MATH	MTH 325/326	YEAR	◆	◆	◆	
√	√			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	◆	◆	◆	
		√	√	UW MATH 125	MTH 705/709	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. 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 a third year of math are now required for a high school diploma. There are a number of math electives in the CTE dept. Algebra 1 and/or Geometry taken prior to 9th grade (i.e. Algebra credit completed as a middle school class) are 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 will fulfill the Algebra 1 graduation requirement. Once the Algebra 1 course is added to the transcript it cannot be removed.

Math Graduation Requirements

- Students must have 3 credits of math. They are 1 algebra credit, 1 geometry credit, and 1 elective math credit.
- The Class of 2019 and beyond must pass the Smarter Balanced Math Assessment (SBA) or fulfill one of the alternate pathways. The SBA covers material from Algebra 1, Geometry, and Algebra 2.

Subject	Grade	Prerequisite	Length / Credit
ALGEBRA I LEARNING LAB	9-10	None	2 per / 1 elective cr
<i>Student placement from 8th grade placement exam and state test results and current enrollment in Algebra 1</i>			
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. 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 is offered both semesters.			
ALGEBRA 2 – TRIG LEARNING LAB	10-12	Prerequisite*	1 sem / 0.5 cr
<i>*Prerequisite: Current enrollment in Algebra II Trig</i>			
This course is designed to support students currently enrolled in Algebra II Trigonometry who struggle in math. This course is not a math credit, but an elective credit.			

Subject	Grade	Prerequisite	Length / Credit
ALGEBRA 2/TRIGONOMETRY	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: As a prerequisite for Algebra 2/Trigonometry, students must maintain a C in both semesters of Geometry or Teacher Approval if less than a C one semester with probationary status. Students on probationary status must earn a passing grade 1st semester in order to continue 2nd semester.</i> This course provides a review of first-year algebra concepts to application and integrated algebra and geometry. New functions covered in this class are polynomial, rational, radical, circular, logarithmic, and trigonometric functions as well as a review of linear, exponential, and quadratic functions. While studying these functions students will learn about imaginary and complex numbers and the unit circle. Scientific calculators are required, but graphing calculators are recommended. **This course will prepare a student for Pre-Calculus, UW Math 120 Pre-Calculus, ECC Math 146 Statistics, and AP Statistics.			
BRIDGE TO COLLEGE MATH	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Score below level 2.6 on the SBAC Math Assessment</i> This course is designed for juniors and seniors to improve their readiness for college-level math courses through building conceptual understanding, reasoning and mathematical skills. The course emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Learning Standards (the Common Core State Standards, CCSS-M). Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. Meets the baccalaureate admissions requirement for a 4th year quantitative reasoning course. Passing this class waives the SBA math test and a B or higher grade for seniors waives the college placement test.			
GEOMETRY LEARNING LAB	10-11	<i>Prerequisite*</i>	2 sem / 1 elective cr
<i>*Prerequisite: Algebra I and student placement from Algebra I math performance</i> 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: Passed both semesters of Algebra 1</i> Students study Geometric topics as well as reviewing Algebra 1 concepts. The topics covered in 1st semester Geometry are solving equations and applications of solving equations, transformations of shapes, angle relationships, the Pythagorean Theorem, solving systems of equations, perimeter and area simple and composite geometric shapes and finding linear equations. The 2nd semester has topics of applications of similar triangles, compound probability, right triangle trigonometry, The Sine Law, triangle congruency, characteristics of quadrilaterals, circumference and area of circles, and finding the midpoint. Scientific calculators are required. **This class prepares students for Algebra II-Trig, as well as successful completion of the Math portion of Smarter Balanced Assessment, which is a graduation requirement. Each semester of this course is offered both semesters.			
HONORS GEOMETRY	9-10	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Minimum of a B in both semesters of Algebra 1 with teacher recommendation</i> In Honors Geometry, students study new Geometric topics, a few more than the regular Geometry course, as well as reviewing Algebra 1 concepts. The topics covered in 1st semester Geometry are solving equations and applications of solving equations, transformations of shapes, angle relationships, the Pythagorean Theorem, solving systems of equations, perimeter and area of simple and composite geometric shapes and finding linear equations. During the 2nd semester, the students will study the applications of similar triangles, compound probability, right triangle trigonometry, The Sine and Cosine Laws, triangle congruency, characteristics of quadrilaterals, circumference and area of circles, and finding the midpoint between 2 points. Throughout the year, the Honors Geometry students learn more difficult concepts and complete more difficult problems than the students in the regular Geometry course. This class prepares students for successful completion of the Math portion of the Smarter Balanced Assessment, which is a graduation requirement. Scientific calculators are required. **			
HONORS ALGEBRA 2/TRIGONOMETRY	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: At least a C+ in Honors Geometry, or at least a B in Geometry with teacher recommendation</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 ECC/AP Statistics. **			
PRECALCULUS	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Algebra 2/Trigonometry with grade C or better</i> This course is a great preparation for college level math courses. The basic content is similar to Algebra 2 Trig giving an opportunity to review the same material and provide some application. The focus is on building confidence in math in order to be successful in college. This course will prepare students for UW Math 124, AP Calculus and AP Statistics. Graphing			

calculators are helpful, but not required for this course. The use of Desmos is also encouraged.

STATISTICS	11-12	Prerequisite*	2 sem / 1 cr
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**Prerequisite: Successful completion of Geometry.*

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. There are several topics that are not covered in this class that are covered in the ECC/AP Statistics class. Graphing calculators are required. If you need one, one will be provided for the entire school year at no cost.

ECC MATH 146 / AP STATISTICS	11-12	Prerequisite*	2 sem / 1 cr
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**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-Trig, 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 at Everett Community College and will cover all material for the AP exam. Graphing calculators are required for this course. If a graphing calculator is needed, it will be provided for the entire school year at no cost. For information on ECC CHS (College in the High School program at Everett Community College) courses visit <https://www.everettcc.edu/enrollment/hs-programs/college-in-the-high-school>.

UW MATH 124/(UW 125) (AP CALCULUS)	11-12	Prerequisite*	2 sem / 1.0 cr
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Prerequisite: B Honors Pre-Calculus or Pre-Calculus B+ with teacher recommendation

Math 124 covers differential and integral calculus of functions of a single variable. An emphasis will be placed on applications and problem solving using the tools of calculus. This course is available for optional **5 UW Math 124 college credits for free**. Students also have the option of accelerating their pace and earn an additional **5 UW Math 125 college credits for free**. Graphing calculators are helpful, but not required for this course. The use of Desmos is also encouraged. This course will prepare students for UW Math 125, AP Calculus, ECC Math 146 Statistics, and AP Statistics. ** For information on UWHS (University of Washington in the High School) courses visit www.uwhs.washington.edu

UW MATH 120 PRECALCULUS- HONORS	11-12	Prerequisite*	2 sem / 1 cr
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**Prerequisite: B+ in Honors Algebra / Trig 2 or at least a B+ in Algebra 2 / Trig*

This course is similar to PreCalculus with more intensive development of Algebra and problem solving skills. The course is application based covering the basic properties of functions and graphs with an emphasis on linear, quadratic, trigonometry, exponential functions and their inverses along with parametric, vector and polar relations. This course is available for optional **5 UW Math 120 college credits for free**. Graphing calculators are helpful, but not required for this course. The use of Desmos is also encouraged. This course will prepare students for UW Math 124, AP Calculus, ECC Math 146 Statistics and AP Statistics. ** For information on UWHS (University of Washington in the High School) courses visit www.uwhs.washington.edu

MATH TUTOR	11-12	Prerequisite*	1 sem / 0.5 cr
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**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 CTE course descriptions for further information.

AP COMPUTER SCIENCE A 9-12 Prerequisite* 2 sem / 1 cr

**Prerequisite: Algebra II*

Recommended: Video Game Design

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.

CABINETMAKING AND MILL-WORK 1, 2 10-12 Prerequisite* 1.0 cr per sem

Dual Credit Option

**Prerequisite: Intro to Trades or Fine Woodworking with a grade of C+ or better; 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. \$, T, R, V, 3M, C, P

MACHINE SHOP 3 10-12 Prerequisite* 1.0 cr per sem

Industry Certification Option

☞ Two periods for one or two semesters and receive 1 or 2 credits

**Prerequisite: Machine Shop 1 and 2 with a C or better; teacher permission*

Collaborate and refine your machining skills to showcase what you have learned in Machine Shop 1 and 2 as you design and manufacture projects. \$, FA, V, 3M, T, P, R

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 CTE course descriptions 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 CTE course description for further information.



MUSIC



9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	CADR	Fine Arts
		√	√	AP MUSIC THEORY	MUS 533/534	SEM				♦
	√	√	√	BELLA VOCE	MUS 641/642	YEAR	♦	♦	♦	♦
	√	√	√	CHAMBER ORCHESTRA	MUS 511/512	YEAR	♦	♦	♦	♦
√	√	√	√	CONCERT BAND	MUS 401/402	YEAR			♦	♦
√				CONCERT ORCHESTRA	MUS 501/502	YEAR			♦	♦
√	√	√	√	GUITAR ENSEMBLE	MUS 451/452	YEAR	♦	♦		
	√	√	√	JAZZ ENSEMBLE	MUS 441/442	YEAR	♦	♦	♦	♦
√	√	√	√	MEN'S CHOIR	MUS 601/602	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	♦	♦	♦	♦
	√	√	√	WIND EMSEMBLE	MUS 431/432	YEAR	♦	♦	♦	♦
√	√	√	√	WOMEN'S CHOIR	MUS 611/612	YEAR			♦	♦

Subject	Grade	Prerequisite	Length / Credit
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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.

AP MUSIC THEORY

11-12

None

2 sem / 1 cr

The AP Music Theory course focuses on concepts and skills emphasized within introductory college music theory courses, with the goal of helping students become sophisticated and thoughtful music listeners, performers, and composers. AP Music Theory students learn to recognize, understand, describe and produce the basic elements and processes of performed and notated music. To become proficient with these skills, students need to consistently practice applying course concepts through aural analysis, score analysis, sight-singing, dictation, and composition.

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

Subject	Grade	Prerequisite	Length / Credit
CHAMBER ORCHESTRA	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Participation in school orchestra in the preceding year, successful audition, and teacher permission</i> This is a select string orchestra class with limited instrumentation. Meeting high performance standards, this group performs in concerts adjudicated festivals/contests, and various community events. Repertoire represents a wide variety of styles from within and beyond standard string orchestra repertoire. Performances outside of class time will be required and graded. Required performances include Solo & Ensemble contest (regional and, if selected, state) as well as concerts required of other orchestra ensembles. Semi-independent small ensemble work is also required as directed. R			
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 football and basketball Pep Bands. Although membership in the marching band is not required, all students are eligible and are encouraged to participate. R			
CONCERT ORCHESTRA	9	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Participation in school orchestra in the preceding year or teacher permission.</i> 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	<i>Prerequisite*</i>	1 sem / 0.5 cr
<i>*Prerequisite: Department Chairperson permission</i> 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			
GUITAR ENSEMBLE	9-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Requires teacher permission. Students must have an acoustic guitar at school each day.</i> This class is designed for students who wish to learn and improve their guitar fundamentals including fingerpicking and strumming techniques, locating notes on the fretboard, 1 st position chords, bar chords, ensemble playing, music theory and ear training.			
JAZZ ENSEMBLE	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Audition and teacher permission</i> 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 football and basketball Pep Bands. 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	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Teacher permission</i> 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 basketball Pep Band. Students not wishing to march may sign up for the Concert or Symphonic band with teacher permission. R			
SYMPHONIC BAND	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
<i>*Prerequisite: Teacher permission</i> 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 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Participation in school orchestra in the preceding year or teacher permission*

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 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Audition and teacher permission*

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

WIND ENSEMBLE 10-12 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Audition and teacher permission*

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 football and basketball 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

Physical Education

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Physical Education	Health	CTE
✓	✓	✓	✓	HEALTH EDUCATION	PHE 000	SEM			♦	♦
✓	✓	✓	✓	PERSONAL FITNESS	PHE 201/202	SEM		♦		
✓	✓	✓	✓	STRENGTH & CONDITIONING	PHE 301/302	SEM		♦		

✓	✓	✓	✓	TEAM SPORTS	PHE 401/402	SEM		♦		
✓				FRESHMAN SEMINAR	PHE 800	SEM				

All students at Port Angeles High School are 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. All activity courses 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 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.

A student can take no more than one PE course per semester without teacher pre-approval.

Subject	Grade	Prerequisite	Length / Credit
HEALTH EDUCATION	9-12	None	1 sem / 0.5 cr
The intent of this class is to help students make independent and informed decisions concerning their overall Health and Wellness. Information covered includes: reasoning for self and others, nutrition and wellness practices that enhance individual and family well being, human growth and development, health related career exploration, substance use, and comprehensive sexual education. NJROTC students are exempt from Health, if they are enrolled in NJROTC Sciences I and end with passing grade.			
INDIVIDUAL / TEAM SPORTS	9-12		1 sem / 0.5 cr
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 and skill-related fitness: Activities may include, but are not limited to tennis, pickleball, badminton basketball, flag football, soccer, lacrosse, and floor hockey. Individual assessments will be taken.			
NUTRITION & WELLNESS	9-12		.5 cr
This course is designed to help students develop eating behaviors and physical activity choices that will have a positive effect on their current and future lifestyle. You will be provided with essential skills needed to plan and make healthy and delicious meals, evaluate current health status, and develop plans with goals based on individual needs. You will learn how to fuel your body to maintain your mental, emotional, and physical health. You will learn how to budget for your meals, shop for groceries, and fit meal prep into a busy schedule of school, work, and other obligations. We will also find better practices for finding balance with daily stress.			
PERSONAL FITNESS	9-12		1 sem / 0.5 cr
Personal Fitness is designed for students interested in improving themselves in an environment that stresses keep trying, keep moving, and always have fun. Students are asked daily "What are you doing to support your own fitness goals?" Students learn, set, practice, reflect, and revise goals they set in class.			
STRENGTH AND CONDITIONING	9-12		1 sem / 0.5 cr
Strength and Conditioning courses focus on a core lifting program directed toward athletic performance but are not limited to athletes. Workouts are expected to be intense. Students will lift in the weight room on three days of the week while participating 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.			
FRESHMAN SEMINAR	9		1 sem / 0.5 cr
The intent of this class is to help 9 th grade students acclimate to the high school and inspire success. Information covered includes: learning of Adult Core skills to prepare for success in the classroom and beyond; how to become more self-aware, resilient, and approach challenges with a healthy mindset; the importance of ethical behavior within the classroom including integrity, respect, empathy, collaboration and teamwork.			

Science

9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	CADR	Science	CTE
✓				INTEGRATED SCIENCE	SCI 001/002	YEAR			♦	♦	
	✓			BIOLOGY	SCI 341/342	YEAR	♦		♦	♦	
	✓	✓	✓	MARINE BIOLOGY	SCI 345/346	YEAR			♦	♦	♦
	✓	✓	✓	UW CHEMISTRY	SCI 415/416	YEAR	♦		♦	♦	
	✓	✓	✓	PHYSICS	SCI 421/422	YEAR	♦		♦	♦	
		✓	✓	ASTRONOMY	SCI 429/430	YEAR	♦		♦	♦	
		✓	✓	ENVIRONMENTAL SCIENCE 1	SCI 455	SEM	♦		♦	♦	♦
		✓	✓	ENVIRONMENTAL SCIENCE 2	SCI 456	SEM	♦		♦	♦	♦
	✓	✓	✓	HUMAN ANATOMY AND PHYSIOLOGY	SCI 343/344	YEAR	♦		♦	♦	♦
		✓	✓	AP BIOLOGY (2021-22)	SCI 395/396	YEAR	♦	♦	♦	♦	
	✓	✓	✓	MEDICAL TERMINOLOGY	MED648	SEM				♦	♦

Three years of science are required for graduation. If you are planning to attend a four-year college you should consider taking additional science courses. If you are pursuing a science-related college major you may want to double-up and take more than one science course each year. UW Chemistry and Physics 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).

Subject	Grade	Prerequisite	Length / Credit
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INTEGRATED SCIENCE 9 None 2 sem / 1 cr

This class is required 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.

BIOLOGY 9-10 *Prerequisite** 2 sem / 1 cr

**Prerequisite: Integrated Science or concurrently enrolled*

Students in this lab-based biology class develop understanding of key concepts that help them make sense of life science. The ideas are building upon students' science understanding of disciplinary core ideas, science and engineering practices, and crosscutting concepts from earlier grades. There are five topics: 1) Structure and Function, 2) Inheritance and Variation of Traits, 3) Matter and Energy in Organisms and Ecosystems, 4) Interdependent Relationships in Ecosystems, and 5) Natural Selection and Evolution.

MARINE BIOLOGY 10-12 2 sem / 1 cr

A program that focuses on the scientific study of the ecology and behavior of microbes, plants, and animals inhabiting oceans, coastal waters, and saltwater wetlands. There will also be a connection to local watersheds, such as the rivers and creeks in the local area. Instruction will include chemical and physical properties of the oceans and seas; marine botany; ichthyology including both cartilaginous and bony fishes, marine mammalogy; marine population dynamics, biodiversity, study of phyla and specific species both local to our waters and other areas; different habitats, kelp forest, wetlands, coral reefs, deep sea, and polar oceans; and field studies and research techniques. V, S

UW CHEMISTRY (Chemistry 110) 10-12 *Prerequisite** 2 sem / 1 cr

Prerequisite: Successful completion or concurrent enrollment in Algebra 2/Trigonometry

5.0 College Credits. UW Chemistry 110 is a great opportunity for students to complete a general college science requirement while in high school. The class matches the curriculum used at the University of Washington for their Chemistry 110 course, and introduces other topics such as organic chemistry and thermochemistry. Topics covered include scientific measurement, atomic structure, bonding, chemical reactions, acid- base reactions, and chemical energy transfers. Students will perform many labs to further their understanding of each topic. Students are not required to take the course for college credit.

PHYSICS	10-12	<i>Prerequisite*</i>	2 sem / 1 cr
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**Prerequisite: Algebra 2/Trigonometry or concurrent enrollment in Algebra 2/Trigonometry*

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, UW 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 Algebra 2/Trigonometry or be concurrently enrolled.**

ASTRONOMY	11-12	<i>Prerequisite*</i>	2 sem / 1 cr
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**1 credit in any previous science.*

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

ENVIRONMENTAL SCIENCE 1	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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**1 credit in any previous science. This course is offered first semester only.*

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.

ENVIRONMENTAL SCIENCE 2	11-12	<i>Prerequisite*</i>	1 sem / 0.5 cr
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**1 credit in any previous science. This course is offered second semester only.*

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.

HUMAN ANATOMY AND PHYSIOLOGY	10-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
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**Prerequisite: Biology with a C or better.*

This course provides a comprehensive study of the anatomy and physiology of all the systems that make up the human body. Studies include body organization, homeostasis, cytology, & histology. Upon completion, students should be able to demonstrate an in-depth understanding of body systems and their interrelationships. Laboratory work includes dissections of preserved specimens, microscopic study, physiologic experiments, computer simulations, case studies, disease research, and multimedia presentations.

AP BIOLOGY	11-12	<i>Prerequisite*</i>	2 sem / 1.0 cr
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**Prerequisite: B+ or better in biology, and UW 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. It is designed for the student who is highly motivated and interested in UW chemistry or planning to enter a science-related career. AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. \$15 lab fee required.**

MEDICAL TERMINOLOGY	9-12		1 sem/ 0.5 cr
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Course Description: This course introduces the vocabulary, abbreviations, and symbols used in the language of medicine. Emphasis is placed on building medical terms using prefixes, suffixes, and word roots using a body systems approach. Upon completion, students should be able to pronounce, spell, and define accepted medical terms and abbreviations. Knowledge of medical terminology enhances a student's ability to successfully secure employment or pursue advanced education in health science. This course is a fundamental course for students who are pursuing a career in the health care profession. It is the basic language required for all areas of health science and is required for any health care profession beginning with entry-level staff.

SCIENCE DEPARTMENT ASSISTANT	12	<i>Prerequisite*</i>	1-2 sem /0.5- 1 cr
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**Prerequisite: B+ or better in UW 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; Naval Science 2, Robotics and Computer Science.

SOCIAL SCIENCES

9	10	11	12	Courses	Course Codes	Length	Prerequisite	Teacher Permission	CADR	English	Social Studies
	√	√	√	WORLD HISTORY A & B	SOC 179/180	SM/YR			◆		◆
	√	√		EWU HISTORY 102/103	SOC 177/178	YEAR			◆		◆
		√		US HISTORY	SOC 161/163	YEAR			◆		◆
		√	√	EWU 111/112 AM HIST	SOC 193/194	YEAR			◆		◆
√	√	√	√	NATIVE AMERICAN STUDIES	SOC 210	SEM			◆		◆
		√		NATIVE AMERICAN/ US HISTORY	SOC 165/166	YEAR			◆		
			√	CIVICS	SOC 151	SEM			◆		◆
			√	CONTEMPORARY ISSUES INTERNATIONAL	SOC 152	SEM			◆		◆
			√	EWU/POLI 100	SOC 100	SEM			◆		◆
			√	EWU/INST 200	SOC 102	SEM			◆		◆

The Port Angeles School District requires 3.0 credits in Social Sciences for graduation. Social Studies classes are designed to encourage students to think about the world around them, speak respectfully about controversial issues, and read widely about history and current events. We are pleased to offer College in the Classroom credits through Eastern Washington University by highly qualified teachers.

Subject	Grade	Prerequisite	Length / Credit
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WORLD HISTORY

10-12

None

2 sem / 1 cr

The World History course covers World History from 1450 CE to the present. The course involves study of world history and cultures, paying close attention to change over time and comparing the effects of different cultures. Students will read and analyze primary source documents. The geography of each area will be emphasized as well. This is a grade 10 course.

EWU/HIST 102/103 WORLD HISTORY

10

None

2 sem / 1 cr

EWU World History is a college-level course in World History covering the period from 1450 CE 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 of different cultures. Students will be expected to read and analyze primary and secondary source documents. EWU College credit may be earned by successful completion of this course. This is a grade 10 course.

US HISTORY

11

None

2 sem / 1 cr

This course includes the history of the United States from the time of early settlement until the present day and traces the political, economic, and social development of the United States. Following a chronological timeline, students will evaluate and discuss historical voices, both primary and secondary, in national events as the American Revolution, the Antebellum era, the Civil War, the Progressive Era, Civil Rights and globalization. Required for graduation. This is a grade 11 course.

EWUIII/AM HIST 11 None 1 sem / 0.5 cr

This course examines the changes and continuities of early American history from the development of colonial societies to the end of Reconstruction. Following a chronological timeline, students will evaluate and discuss historical voices, both primary and secondary, in national events as the American Revolution, political and cultural transformations of the Antebellum era, and the Civil War. Students will examine primary sources to produce a research project. Credits from Eastern Washington University may be earned by successful completion of this course. This is a grade 11 course and is designed to be taken with EWU II2/AM HIST.

EWUII2/AM HIST 11 None 1 sem / 0.5 cr

American History since 1877

This course examines changes and continuities of modern American history from the Reconstruction era to the present day. Following a chronological timeline, students will evaluate and discuss historical voices, both primary and secondary, in national events such as Progressivism, World War II, the Civil Rights Movement, and globalization. Students will examine secondary and primary sources to produce a research project. EWU College credit may be earned by successful completion of this course. This is a grade 11 course and is designed to be taken with EWU III/AM HIST.

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. This is a grade 11 course.

CIVICS 12 12 None 1 sem / 0.5 cr

This is a one-semester 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. This is a grade 12 course.

CONTEMPORARY WORLD PROBLEMS 12 None 1 sem / 0.5 cr

This is a one-semester social science course 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. This is a grade 12 course.

EWU / POLII00 MODERN GOVERNMENT IN AMERICAN CONTEXT

12 None 1 sem / 0.5 cr

This course provides students with a comprehensive understanding of the design and operation of the American Government. Subjects such as 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 will be covered. This course is run through Eastern Washington University's College in the High School program. Successful completion of the course will earn the student five college credits.

EWU INST 200/GLOBAL ISSUES 12 None 1 sem / 0.5 cr

This course will introduce students to important global issues and conditions which are active in the contemporary world. The curriculum will include global perspectives on political, ecological, economic, and social issues. The objective of this course is to encourage students to think critically about current world affairs, to analyze these issues through objective study, and to recommend substantive policy proposals to solve these seemingly intractable problems. Simulating the United Nations Security Council, students will study the issues in five global geographical regions (Africa, Asia, Oceania, Europe, and Latin America and the Caribbean). Each of these regions presents a unique set of problems for the world and

American foreign policy. We will examine several pressing environmental issues, including global hunger, population growth, and emerging infectious diseases. Each area of study will culminate in Model United Nations. This is a dual credit course in which students who successfully complete the course will earn 4 credits from Eastern Washington University.

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		◆			◆
✓	✓	✓	✓	TRANSITION ENGLISH	MOD 132	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
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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
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**Prerequisite: Teacher permission*

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
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**Prerequisite: Department permission, Teacher permission*

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
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**Prerequisite: Teacher permission*

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 10th grade state test.

TRANSITION ENGLISH	9-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
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**Prerequisite: Teacher permission*

Emphasis in this course is on improving basic reading skills through direct instruction decoding lessons and guided comprehension activities. Life skills reading will include reading such sources as the local newspaper, drivers manual and job applications. Transition English is by recommendation only.

MODIFIED ALGEBRA	9-12	<i>Prerequisite*</i>	1 or 2 sem / 0.5-1 cr
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**Prerequisite: Teacher permission*

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
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**Prerequisite: Teacher permission*

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
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**Prerequisite: Teacher permission*

This is a course designed to address the practical side of math in everyday life. The course includes such areas as working with percentages, ratios, graphs, analyzing data, budgeting and personal finance. **R**

SELF-CONTAINED SPECIAL NEEDS CLASSROOMS	<i>Prerequisite*</i>	1-6 periods / 1-6 cr 2 semesters
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**Prerequisite: Teacher permission*

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	<i>Prerequisite*</i>	2 or more periods 2 sem/ 1-2 cr
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**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: Student must pass each semester with a 60% or better to continue to the next semester or next year of world language.

Note: Students who wish to enroll in a world or heritage language course beyond the first level must progress to the subsequent level. (e.g. French 1 to French 2, Klallam 1 to Klallam 2, Spanish 1 to Spanish 2)

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: Pass 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 C or better in French 2 or teacher permission</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 C or better in French 3 or teacher permission</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: Pass 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 or teacher permission</i> 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,	11-12	<i>Prerequisite*</i>	2 sem / 1 cr

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 or teacher permission

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: Pass 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
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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

BUSINESS ADMINISTRATIVE ASSISTANT

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

*Prerequisite: Teacher permission, application

This is a one or two-period course in which juniors and seniors work in conjunction with a cooperating teacher or secretary in one of our elementary schools or SMS. This course provides students with first-hand experience in working in an office environment working with PASD staff, the public, and students.

Grading will be on a satisfactory, unsatisfactory basis. V, R, T

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, V

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

HOME LIVING CENTER 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.

TEACHER'S ASSISTANT 11-12 Prerequisite* 1 sem / 0.25 cr

**Prerequisite: Teacher permission*

Students in this class assist teachers as needed. R

2024-2025 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	C/ADR	Career & Tech Ed	Dual Credit	Fine Arts	English	Mathematics	Science	Social Studies	Physical Education	Elective Only	Special Programs	Health
		√	√	ACCOUNT I A & B	BUS 451/452	SM/YR					♦	♦			♦						
		√	√	ACCOUNTING II A & B	BUS 453/454	SM/YR					♦				♦						
√	√	√	√	ADVISORY – MULTIPLE DEPTS		SEM													♦		

[illegible]

	√	√	√	SPORTS MEDICENE 1	MED 621	YEAR					♦									
	√	√	√	SPORTS MEDICENE 2	MED 622	YEAR					♦									
		√	√	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	♦			♦				♦						
√	√	√	√	SURVEY HEALTH CARE CAREERS	MED 640	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	♦										♦			
√	√	√	√	THEATRE TECHNOLOGY	TRD371/372	YR			♦					♦						
√	√	√	√	TRANSITION ENGLISH	MOD 132	SM/YR		♦						♦					♦	
		√		US HISTORY	ESS 201/202	YEAR				♦							♦			
		√	√	UW CALC/UW 124 (AP CALCULUS)	MTH 701/702	YEAR	♦			♦					♦					
	√	√	√	UW CHEMISTRY	SCI 415/416	YEAR	♦			♦						♦				
√	√	√	√	VIDEO GAME DESIGN	TRD 353/354	YEAR					♦			♦						

	9	10	11	12	Courses	Course Codes	Length	Pre-Requisite	Teacher Permission	Repeatable for Credit	CADR	Career & Tech Ed	Dual Credit	Fine Arts	English	Mathematics	Science	Social Studies	Physical Education	Elective Only	Special Programs	Health
√	√	√	√	√	VIDEO PRODUCTION	TRD 363/364	YEAR					♦	♦	♦								
		√	√	√	VISUAL DESIGN	ART 712	SEM	♦			♦			♦								
√	√	√	√	√	VISUAL COMMUNICATIONS DESIGN	BUS 357	SEM				♦		♦									
		√	√	√	VOCAL UNLIMITED	MUS 631/632	YEAR	♦	♦		♦			♦								
		√	√	√	WELDING 1	TRD 751/752	YEAR	♦				♦										
			√	√	WELDING 2	TRD 753/754	YEAR	♦	♦		♦	♦										
			√	√	WELDING 3	TRD 755/756	YEAR	♦			♦											
	√	√	√	√	WIND EMSEMBLE	MUS 431/432	YEAR	♦	♦		♦			♦								
√	√	√	√	√	WOMEN'S CHOIR	MUS 611/612	YEAR				♦			♦								
		√	√	√	WOODWORKING, INDEPENDENT	TRD 851/852	SM/YR	♦	♦	♦		♦										
		√	√	√	WORLD HISTORY A & B	SOC 179/180	SM/YR				♦							♦				
		√	√	√	WORKSITE EXPERIENCE SKILLS & TECHNICAL SCIENCES	TRD 901/902	SEM	♦	♦	♦		♦										
√	√	√	√	√	YEARBOOK	TRD 209/210	YEAR		♦	♦	♦	♦		♦	♦							

Welcome to
Port Angeles High
School

Home
of the
Roughriders