
2026 - 2027

Academic Planning Guide



Ponderosa High School

Home of the Mustangs

PROUD - PRODUCTIVE - PROVEN



Ponderosa High School
7007 East Bayou Gulch Road • Parker, Colorado 80134

Dear Student,

The Ponderosa High School 2026-2027 Course Guide is intended to assist you in thoughtfully selecting your classes for next year as part of your personalized four-year plan designed to meet your postsecondary goals.

Taking extra time and effort to make appropriate selections each year will be beneficial in preparing for college, internships, military commitments, travel, or any other post-secondary choices you make. Discuss your course selections with your parents, teachers, and counselor. Give special attention to the course descriptions, course levels, prerequisites, and the amount of credit earned per course.

The Course Guide provides essential information including the District's updated graduation requirements and educational opportunities throughout the school district. It is our intent to encourage a dynamic and challenging level of academic rigor and provide a compelling educational experience for each student. This can be achieved by communicating with your teachers, parents, and counselor about your goals, ability, past performance, and by trying new opportunities – such as an elective course that may be unusual.

Your high school years are a special time in your life - a time of academic challenge and profound personal growth, and a time to make important decisions about your present and future plans. We invite you to participate in our school community and to enjoy the excitement of learning.

Ponderosa High School has an excellent educational program taught by a talented and dedicated faculty. We are committed to providing each student with an education where essential information and skills are learned and applied, knowledge is explored, and ideas are critically analyzed and evaluated.

I hope you're looking forward to a challenging and productive year. If you have questions after reviewing this guide, please call us at 303-387-4000 so we may direct you to someone who can answer your question with expertise.

Go Mustangs!

Ryan Hollingshead

Principal, Ponderosa High School

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DEFINITIONS & POLICIES

Homeroom/Access: HOMEROOM/ACCESS is a required course for *all grade levels* held two times per week. HOMEROOM/ACCESS provides students an opportunity for:

- dedicated time to meet with teachers for extra support
- stronger relationships with classmates
- completion of school-wide initiatives
- further development as a high school student who is gaining familiarity with Ponderosa
- strengthening learning skills and providing extra study time
- preparation to transition to college, military, workforce, etc.

PONDEROSA HOMEROOM & ACCESS 2026 - 2027



TUESDAYS	
HOMEROOM	9:19am - 9:40am
• Relationships/Community Building • Academic Advisor • School Business & Events ◦ No Travel, No Visitors, No Exception ◦ NOT Study Hall or Access Time ◦ Link Crew Activities, Assemblies, & etc. ◦ Counselors Assigned to Specific Alpha Homerooms	
ACADEMIC SUPPORT TIME	9:45am - 10:15am
Silent Study Hall	or Travel <u>with a Pass</u> (9th - 12th grade) <i>Students must stay in their new location for a <u>minimum</u> of 30 minutes.</i>
ACCESS	10:20am - 10:52am
Study Hall	or Academic or Club/Activity Travel <u>with a Pass</u> (9th & 10th grade) <i>9th & 10th grade students must return to Homeroom by 10:50am.</i> Travel <u>with Student ID</u> (11th & 12th grade)

THURSDAYS	
HOMEROOM	9:19am - 9:50am
• Relationships/Community Building • Academic Advisor • School Business & Events ◦ Link Crew Activities, Assemblies, & etc. ◦ Counselors Assigned to Specific Alpha Homerooms ◦ No Travel, No Visitors, No Exception! ◦ NOT Study Hall or Access Time	
ACCESS	9:50am - 10:52am
Study Hall	or Academic or Club/Activity Travel <u>with a Pass</u> (9th & 10th grade) <i>9th & 10th grade students must return to Homeroom by 10:50am.</i> Travel <u>with Student ID</u> (11th & 12th grade)
SCHOOL SUCCESS CLASS (RESTRICTED HOMEROOM) • Students who are not using Homeroom/Access time and failing classes may be assigned a no-travel Homeroom with extra support. • Students may earn their way out with improved performance.	

Advanced Placement (AP): Advanced Placement is a national academic program sponsored by the [College Board](#). The AP program offers college-level classes and exams that students can take while still in high school. Students are required to take the national examination in May and earn a certain score to be eligible for Advanced Placement college credit. AP grades are weighted. Additional fees apply for these courses.

[Ponderosa High School Advanced Level Contract 2026-27](#) - Complete & turn in with your Registration Form

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Availability of Classes: Each school year, a new master schedule is created based on student course registrations. Every effort is made to accommodate student requests under the expectation that the desired classes represent decisions made collaboratively with the student, student's parents, teachers, and the student's counselor. Staffing decisions, textbook purchases, and room allocations are made based on class registration requests. While every effort will be made to provide the classes a student has selected during registration, some classes may not be available due to student enrollment numbers, staffing, and/or budget.

Career and Technical Education (CTE): Douglas County School District and Ponderosa High School offer Career & Technical Education (CTE) courses in

- Automotive Technologies
- Business & Marketing
- Engineering
- Family & Consumer Sciences
- Industrial Technologies

Information regarding Career & Technical Education courses available throughout the district can be found through the [DCSD Career & Technical Education Home Page](#).

Course Load: Students are required to be enrolled in the minimum number of classes per semester according to grade level:

- Freshmen - 7 classes
- Sophomores and Juniors - minimum of 6 classes
- Seniors - minimum of 5 classes

Concurrent Enrollment: Ponderosa High School has a concurrent enrollment agreement with Arapahoe Community College (ACC). This agreement allows students to take college level courses while still attending high school. Students who are concurrently enrolled in these courses receive both high school credit from Ponderosa and college credit from ACC. All concurrent enrollment classes are taught at Ponderosa High School by Ponderosa teachers who are certified to teach as adjunct faculty by Arapahoe Community College.

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Credit: One unit of credit equals two successfully completed semesters of high school coursework. All students must earn a minimum of 24 specific credits (per Board policy) to graduate and earn a diploma.

Fees: The costs associated with many of the courses at Ponderosa High School cover the expenses for non-reusable items or one-time use classroom supplies and aids. All fees are school board approved and subject to adjustment.

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GPA: Regular and Weighted Grading:

- Regular courses award the student on a traditional four point scale. A=4, B=3, C=2, D=1, F=0
- Honors courses in English, Math, Science, and Social Studies, as well as World Language Level III and above will be weighted on a 4.5 scale. A=4.5, B=3.5, C=2.5, D=1, F=0
- Advanced Placement and Approved Concurrent Enrollment courses will be weighted on a five point scale. A=5, B=4, C=3, D=1, F=0.

A student's earned grade point average (GPA) is based on letter grades earned for courses taken in the ninth through twelfth grades. The GPA is calculated at the end of each semester and made cumulative for reporting to the student, employers, and colleges.

Honors Courses: Ponderosa offers honors level courses in English, Mathematics, Science, and Spanish. These courses are for students who have a strong interest in the subject matter offered. These courses are offered when an Advanced Placement class is not available and are considered Pre-AP level coursework.

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High School Athletics: Ponderosa's athletic eligibility requires students to be enrolled in **AT LEAST 5 classes and pass all 5 in order to play**. Please note that serving as a student aid only counts as .25 credits.

NCAA Approved Courses: The National Collegiate Athletic Association is a membership-driven organization dedicated to safeguarding student-athlete well-being and equipping them with the skills to succeed on the playing field, in the classroom and throughout life. NCAA colleges and universities require college-bound student-athletes to build a foundation of high school courses to prepare them for the academic expectations in college. If a course offered by Ponderosa High School is NCAA approved, then it meets the standards set by the NCAA for a core course taken in high school. If eligible, the symbol to the right will be on the course description.



Pass/Fail Course: Pass/Fail courses are taken for elective credit towards graduation, but there is no weight given to their GPA.

Physical Education Waiver: High school students are eligible to request a waiver for the physical education (P.E.) graduation requirement. Students who qualify for a waiver are still required to replace the P.E. credit with another class in order to complete the total number of credits necessary to fulfill graduation requirements (24). Students who participate and successfully compete in a Colorado High School Activities Association (CHSAA) sponsored sport, spirit squad, or marching band are eligible to request a P.E. waiver. One successful season of a sport, spirit squad and/or marching band is equivalent to a .5 waiver of credit. Students must meet with the counselor if they are requesting a PE waiver. The counselor will ensure that all graduation requirements are met. The [PE Waiver Application](#) will only be accepted by the Counseling Office during the registration window.

Prerequisite: A prerequisite is a course or requirement(s) that must be successfully completed prior to enrolling in a higher level course. Prerequisites may require a placement exam, prior course, or teacher approval.

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ACADEMIC PLANNING

The first course of action upon entering high school is to evaluate your post-secondary goals. Some questions to consider might include:

- What kind of career do you want once your education is complete?
- Would you rather focus on technical training than attend college?
- Is there a particular university that you would like to attend?
- Would you like to start accumulating college credit while still in high school?

Questions such as these should be evaluated as you and your parents develop a comprehensive four-year plan for your high school career. Thoughtfully considering your educational and vocational goals can assist you in choosing the best high school program of study for successfully achieving your objectives.

Your counselor is the best resource for any questions you may have about your schedule or courses offered at Ponderosa. Get to know your counselor and use their knowledge to help you reach your goals. Ponderosa counselors are experts in assisting students in developing academic and career plans.

COUNSELING DEPARTMENT:

The Counseling Department at Ponderosa High School is dedicated to facilitating student growth by providing guidance in academic, social/emotional, and career development in order to assist each student in reaching his or her full individual potential.

Counseling Secretary: Mineko Zeidlhack
(303) 387-4032

Counselors and Student Assignments (by last name):

- Natalee Springer A-CL
- Julie Wright, CO-GL
- Diane Guidroz, GO-LAS
- Pamela Cheeseman, LAT-O
- Alicia Laughlin, P-SIL
- Christy Kidd, SIM-Z

GRADUATION REQUIREMENTS:

To graduate and receive a diploma from a high school in the Douglas County School District, a student must:

1. **Earn a minimum of 24 credits.** One credit (1.0) is equal to one course lasting the full year. One-half credit (0.5) is equal to one course lasting one-half year.
2. **Accrue a minimum of 20 hours of Community Service for Graduation.**
3. **Demonstrate competence in English and Math** via an approved method outlined on the [Graduation Competencies](#) chart.
4. ICAP - Individual Career and Academic Plan

The 24 credits required for graduation must be met in the following way according to [Superintendent File IKF-R-1](#):

Subject	Credits	Class Breakdown
Language Arts	4.0	Four English credits*
Mathematics	3.0	Three math credits, one of which must be Algebra I or higher
Science	3.0	Three science credits
Social Studies	3.0	World History - 0.5, US Government - 0.5, World Geography - 0.5, Economics - 0.5, US History - 1.0 *Students who take 3 year-long AP classes are exempt from .5 Economics credit
Fine Arts	1.0	Art, Music, Theatre, levels III or IV of a world language, AP and/or ACC Spanish
Practical Arts	1.0	Business, Engineering and Computer Science, Family and Consumer Sciences, Industrial Technology, levels III of IV of a world language, AP and/or ACC Spanish
Physical Education	1.0	Traditional PE classes, Dance, Athletic Training, Teen Choices
Elective	8.0	When above requirements are met, additional coursework will be assigned as elective credit
Minimum Total Credits	24.0	

Note: To earn course credit, students must demonstrate proficiency on the Content Standards embedded in the course. Documentation that these standards have been achieved will be through teacher judgment based on District assessments, end-of-course tests, or other measurements as well as meeting other stipulated course expectations. Students who do not achieve these standards will be enrolled in courses or programs as prescribed by the school principal and faculty.

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COMMUNITY SERVICE:

Every student attending a Douglas County High School is required to fulfill a 20-hour community service requirement outside of their home and family environment in order to graduate. To be counted toward the graduation requirement, this service must commence after the successful completion of eighth grade. All hours must be documented using the HelperHelper app.

View [the HelperHelper link](#) for instructions on downloading the app and instructions on submitting hours to community service contact to validate hours. Any activity that meets the DCSD Guidelines will be accepted. All hours documented will be noted on the student's transcript.



DCSD Community Service Guidelines

Acceptable	Not Acceptable
Any service commencing after the successful completion of eighth grade.	More than 5 hours of service learning being performed for a school team, club, activity, or faculty member. Any time over 5 hours in which community service is performed <u>by</u> school organizations or faculty members <u>for</u> an outside organization <i>may</i> count toward the 20 hours - for example, NHS coordinating volunteers to help at the local food bank.
Service learning hours which receive no academic credit.	Any service paid for or for credit for disciplinary or adjudicated purposes.
Recommended completion by end of third quarter of senior year, except by prior approval of the principal.	Any activity for family, friends, an employer or private business.
Any activity completed outside of regular school hours.	Non-approval or absence of approval by the parent or guardian.
All aspects of the service approved by parent or guardian.	Any activity completed during school hours except with prior approval of the principal.
	Any activity that is rewarded by a badge, such as Boy and Girl Scouts.
	Any activity that results in lettering at the school.

Note: Any student who is lacking transportation and would like information about service opportunities at school or has any questions about graduation requirements should contact the Counseling Department.

GRADUATION COMPETENCIES:

Beginning with the class of 2022, students will be required to demonstrate college and career readiness via one of the approved methods outlined below in order to receive a diploma. If a course is eligible to meet the competency requirement, the symbol on the right will appear with the course description.



Advanced Placement

English - 2 or higher
Math - 2 or higher
AP exams test students' ability to perform at a college level. Districts choose which AP exams will fulfill this menu option. Scores range from 1 (lowest) to 5 (highest). Only specific courses qualify.

ASVAB

English - 31
Math - 31
The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine a student's eligibility and suitability for careers in the military. Students who score at least 31 are eligible for service (along with other standards that include physical condition and personal conduct). Students who take the ASVAB are not required to enlist in the military.

ACT

English - 18
Math - 19
ACT is a national college admissions exam. It measures four subjects - English, reading, math, and science. The highest possible score for each subject is 36.

ACT WorkKeys (National Career Readiness Certificate)

English - Bronze or higher
Math - Bronze or higher
ACT WorkKeys is an assessment that tests students' job skills in applied reading, writing, mathematics, and 21st century skills. Scores are based on job profiles that help employers select, hire, train, develop, and retain a high-performance workforce. Students who score at the bronze level (3 or better) in applied mathematics, mapping, and reading earn the ACT's National Career Readiness Certificate.

Classic ACCUPLACER

English - 62 on Reading Comprehension or 70 on Sentence Skills
Math - 61 on Elementary Algebra
ACCUPLACER is a computerized test that assesses reading, writing, math, and computer skills. Counselors use the results of the test along with academic background and goals to place students in college courses that match their skill levels.

Next Generation ACCUPLACER

English - 241 on Reading or 236 on Writing
Math - 235 on AAF, 255 on AR, or 230 on QAS
The Next Generation ACCUPLACER test is an assessment system for measuring student's readiness for college courses in reading, writing, and mathematics. The test is multiple choice format and allows for proper placement in introductory classes.

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Concurrent Enrollment

English - Passing grade per district and higher education policy
Math - Passing grade per district and higher education policy
Concurrent Enrollment provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit.

District Capstone

English - Passing Score
Math - Passing Score
A capstone is a student's project or experience that demonstrates academic proficiency in math and English for post secondary workforce readiness.

Industry Certificate

English - Individualized
Math - Individualized
An industry certificate is a credential recognized by business and industry and measures a student's competency in an occupation. An Industry Certificate also validates a knowledge base and skills that show mastery in a particular industry.

International Baccalaureate

English - 4
Math - 4
IB exams assess students enrolled in the official IB Diploma Programme. Courses are offered only at authorized IB World Schools. Scores range from 1 to 7 (highest). Specific courses qualify.

Performance Based Assessment

English - State Criteria
Math - State Criteria
Performance Based Assessment is an authentic demonstration of student knowledge and skills through the creation of a complex product or presentation. The product and process are relevant to the student, and prepare them for success in the postsecondary and workforce world.

SAT

English - 470 for school years 2024-2026
Math - 480
The SAT is a college entrance exam that is accepted or required at nearly all four-year colleges and universities in the U.S. The current SAT includes sections on reading, writing, and math. The highest possible score for each section is 800.

Note: College and career demonstrations necessary to earn a standard high school diploma may be adjusted to accommodate English learners, gifted students, and students with disabilities.

Revised: September 12, 2024

FOUR YEAR ACADEMIC PLAN FOR COLLEGE PREPARATION:

To best prepare for the college admission process, we encourage students to consider the sample academic programs listed below based upon their target college or university. However, be aware that these are *sample* programs and that **completion does not guarantee admission**, especially at highly selective schools. It is best to contact the college or university of interest for specific requirements.

MOST SELECTIVE INSTITUTIONS (example: US Air Force Academy, Harvard, Yale, Stanford, Duke, etc.)

<i>Recommended Minimum Program of Study</i>	English Mathematics Social Studies Science Foreign Language	4 years at Honors/AP Level 4 years at Honors/AP Level 3-4 years at AP when possible 3-4 years at Honors/AP Level 3-4 years at Honors/AP Level
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HIGHLY SELECTIVE INSTITUTIONS (example: Colorado College, Colorado School of Mines, Pepperdine, UCLA, etc.)

<i>Recommended Minimum Program of Study</i>	English Mathematics Social Studies Science Foreign Language	4 years at Honors/AP Level 4 years at Honors/AP Level 3-4 years at AP when possible 3-4 years at Honors/AP Level 3-4 years at Honors/AP Level
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SELECTIVE INSTITUTIONS (example: University of Colorado - Boulder, University of Denver, Colorado State, etc.)

<i>Recommended Minimum Program of Study</i>	English Mathematics Social Studies Science Foreign Language	4 years 4 years 3-4 years 3-4 years 2 years minimum
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Note: It is recommended that students complete the minimum academic standards, which should match the DCSD requirements, but also challenge themselves further with additional and/or honors coursework when appropriate. Many applicants to “Selective” colleges and universities complete one to three AP classes at a minimum during their high school career.

LESS SELECTIVE INSTITUTIONS (example: Metro State University, Colorado Mesa University, Ft. Lewis College, etc.)

<i>Recommended Minimum Program of Study</i>	English Mathematics Social Studies Science Foreign Language	4 years 4 years 3 years 3 years 1 year per **HEAR requirements
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**Higher Education Admission Requirements

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Four Year Academic Plan

24 Credits total to Graduate, 20 Hours Community Service (Each box is worth .5 Credits) + English and Math Graduation Competencies

Student Name and Date:	
Graduation Competencies:	English: Math:
Community Service:	

Language Arts - 4 Credits Required

Social Studies - 3 Credits Required (1 credit US, .5 World, .5 Economics, .5 Government, .5 Geography)

World History		US History		Government	
Geography		US History		Economics	

Math - 3 Credits Required

Science - 3 Credits Required

PE - 1 Credit Required

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Fine Arts- 1 Credit Required

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Practical Arts - 1 Credit Required

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Electives- 8 Credits Required (2 Credits Required in Foreign Language for Colorado Commission on Higher Education)

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ACADEMIC PROGRAMMING

Ponderosa High School is committed to providing students a wide variety of advanced, technical, and college-level course offerings through the following categories:

- Advanced Placement (AP)
- Arapahoe Community College Concurrent Enrollment (CE)
- Career and Technical Education (CTE)

By participating in any of these programs, PHS students have the opportunity to graduate high school with earned college credit and/or industry certificates.

ADVANCED PLACEMENT:

Advanced Placement (AP) courses allow motivated students the opportunity to undertake college-level work while still in high school. Depending upon the college or university, students may earn college credit by scoring a 3 or higher on the end-of-year AP exam offered for each course. Students and parents should visit [CollegeBoard.org](https://collegeboard.org) for more information and free online AP resources such as learning tips, practice exams, and lists of colleges that grant credit for AP courses.

Students who enroll in AP courses should anticipate *rigorous coursework, substantial homework and study requirements*, and are *expected to take the AP Exam for each AP course in the spring*.

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Ponderosa is proud to offer AP courses in a variety of subjects, such as *art, math, science, social studies, and language arts*. Talk to your counselor or consult the Course Guide for more information on specific courses offered each year.

Advantages of Taking Advanced Placement Courses:

- AP courses and exams prepare students for college-level academic challenges.
- Collegiate institutions recognize that applicants with AP experience are better prepared for the demands of college.
- Tuition savings are realized for students whose AP performance earns them college credit. More than 1,400 collegiate institutions award a full year's credit (sophomore standing) to students presenting satisfactory grades on a specific number of AP exams.
- AP students are eligible for honors and other special programs in college.

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Advanced Placement at Ponderosa

***Art - Computer Science - English - Mathematics -
Music - Science - Social Studies - World Language***

9th Grade	10th Grade	11th Grade	12th Grade
Human Geography	- Art History - Human Geography - Precalculus - Psychology - US Government - US History - Music Theory - World History: Modern	- Art History - Biology - Calculus AB - Calculus BC - Chemistry - English Literature & Composition - Environmental Science - French Language & Culture - Human Geography - Macroeconomics - Microeconomics - Music Theory - Physics C: Mechanics - Precalculus - Psychology - Spanish Language & Culture - Ceramics - Drawing - Graphic Design - Jewelry - Sculpture - Photography - US Government - US History - World History: Modern	- Art History - Biology - Calculus AB - Calculus BC - Chemistry - English Language & Composition - Environmental Science - French Language & Culture - Human Geography - Macroeconomics - Microeconomics - Music Theory - Physics C: Mechanics - Precalculus - Psychology - Spanish Language & Culture - Statistics - Ceramics - Drawing - Graphic Design - Jewelry - Sculpture - Photography - US Government - US History - World History: Modern

CONCURRENT ENROLLMENT (CE) - ARAPAHOE COMMUNITY COLLEGE:

[Arapahoe Community College \(ACC\)](#) and Douglas County School District have partnered to provide high school students the opportunity to take courses that count for college credit and high school credit concurrently. ACC Concurrent Enrollment students will experience the same quality, support, and rigor in their classes as a full-time ACC student.

- No tuition is required when the CE class is taken at Ponderosa.
- ACC Concurrent Enrollment courses are taught at Ponderosa High School during regular school hours by ACC-qualified high school instructors.
- Concurrent Enrollment courses taught at other high schools are available to PHS students, if seats are available.
 - View the [District Catalog](#).
- College credit that is earned by successfully completing a concurrent enrollment course with ACC is guaranteed to transfer to 4-year institutions in Colorado, *saving students time and money in the future*.
- Most CE courses last just one semester each as compared to a year of AP.
- A grade of “C” or better is required to earn college credit.
- Students gain valuable college preparatory experience through completion of postsecondary-level coursework.

To begin the registration process, please visit: [Arapahoe Community College - Getting Started](#). **All students must apply and be accepted into ACC in order to take concurrent enrollment classes. An “S” number will be assigned to each student upon acceptance which will be required in order to register for class. Please schedule an appointment with your counselor for more information.**

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TREP - [Teacher Recruitment Education and Preparation](#)

The TREP program creates the opportunity for qualified students in an educator career pathway to concurrently enroll in postsecondary courses and earn college credit at no tuition costs to them or their families, for up to two years after the 12 grade year - must take one course in the Educational pathway.

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Concurrent Enrollment (CE) at Ponderosa

Earn college credit now! Dozens of courses offered!



**Concurrent
Enrollment**

Earn College Credit in High School

*Automotive Tech - Business & Marketing - English -
Family & Consumer Sciences - Math - Spanish*

Automotive Technologies	Credits	Business & Marketing	Credits
ACC ASE 1001 - Auto Shop Orientation	1	ACC BUS 1015 - Intro to Business	3
ACC ASE 1003 - Auto Maintenance I	1	ACC CIS 1018 - Intro to PC Applications	3
ACC ASE 1020 - Auto Electrical Safety Systems	2	ACC MAN 1028 - Human Relations in Organizations	3
ACC ASE 2050 - Auto Transmission & Transaxle	2	ACC MAR 1055 - Social Media for Business	3
ACC ASE 2064 - Intro to Auto HVAC	2	ACC MAR 2016 - Principles of Marketing	3
English		Engineering & Technology	
ACC LIT 1015 - Introduction to Literature	3	ACC CAD 2660 - 3D Printing	3
ACC ENG 1021 - English Composition I	3	ACC CAD 2455 - Fluid Power	3
ACC ENG 1020 - English Composition II	3	ACC CAD 2456 - Advanced Solidwork	3
Family & Consumer Sciences		Math	
ACC ECE 1011 - Intro to Early Childhood Education	3	ACC MAT 1340 - College Algebra	4
ACC ECE 1111 - Infant & Toddler Development	3	ACC MAT 1420 - College Trigonometry	3
ACC EDU 2088 - Internship	1	ACC MAT 1260 - Intro to Statistics	3
ACC EDU 2211 - Intro to Education/Teacher Cadet	3	ACC MAT 2430/2431 - Calculus III	3
		ACC MAT 2560/2561 - Differential Equations	3
Spanish			
ACC SPA 1011 - Spanish Language I	5		
ACC SPA 1012 - Spanish Language II	5		
ACC SPA 2011 - Spanish Language III	3		
ACC SPA 2012 - Spanish Language IV	3		
ACC SPA 2015 - Spanish for the Professional	3		

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CAREER AND TECHNICAL EDUCATION (CTE)

Douglas County School District offers a variety of Career & Technical Education (CTE) programming. CTE courses provide students with authentic, hands-on, project based learning opportunities that allow them to explore industries and gain real world knowledge and skills that they will need to compete for the college or career of their choice.

The CTE programs and associated courses are offered **throughout** the district to give students the experience they will need to be the best business and community leaders possible.

Please review the following STUDENT RESPONSIBILITIES and REQUIREMENTS with your counselor PRIOR TO applying to enroll in a CTE course:

- Please **completely** read the course description and/or expectations in the Academic Planning Guide or in the host high school's course planning guide. Many programs require attendance at an Open House or interest meeting.
- DCSD may pay the tuition costs for students attending any of these programs *subject to available dollars*.
- Some programs may have additional non-reimbursable fees.
- Certain programs will require an additional application. Once the application is submitted, the counselor will complete a recommendation.
- Students **ARE NOT** automatically accepted into a program. A limited number of slots are available for certain programs. Students will be notified of acceptance or denial into the program..

Review Important MUST DO's:

- Must provide own transportation to any of the programs listed
- Must visit certain programs prior to enrollment
- Must have parent(s) support and permission
- Must be enrolled in a DCSD high school as a full time student
- Must have a sufficient number of credits to graduate from high school on time
- Must stay in program for entire term (or reimburse DCSD the cost of program)

DCSD OPPORTUNITIES AT OTHER CAMPUSES

- [CTE Pathways for all schools](#)
- [CTE/CE Off Campus Registration student instructions](#)
- [ACC and CTE Opportunities at the Legacy Campus](#) and [Legacy Campus Course Guide](#)
- AP/CE/IB off campus [interest form](#)

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BE FUTURE READY

Career & Technical Education at Ponderosa

*Automotive Technologies - Business & Marketing - Engineering -
Family & Consumer Sciences - Computer Science - Industrial Technologies*

CTE Automotive Technologies Courses:	CTE Business & Marketing Courses:	CTE Engineering Courses:
Introduction to Auto Service (Level 0) MLR I (Auto Level 1) MLR II (Auto Level 2) * MLR III (Auto Level 5) MLR IV (Auto Level 6) *Auto Levels 3 & 4 are ACC courses offered at PHS	Intro To Business Principles of Marketing Intro to PC Applications Intro to Multimedia Personal Finance Legal Environment of Business Entrepreneurship Event Marketing & Communications (Sports Marketing) BAM Capstone (Business & Marketing Leadership) SBE Retail (School Store) ACE Bus & Entrepreneurship (Entrepreneurship for the Trades) Digital Media & Comm WBL (Sports Media & Game Day Production)	Principles of Engineering Tech Intro to Drafting & Design Intro to Tech Drawing/Design Applied Engineering Design Engineering & Tech Capstone Robotics & Automated Systems
CTE Family & Consumer Sciences Courses:	CTE Computer Science Courses:	CTE Industrial Technologies Courses:
Child and Adolescent Development Teen Choices Culinary Nutrition (Food) Life Management Interpersonal Relationships Catering I & II Baking & Pastry A and B Teacher Cadet Credit-for Work Experience Educ FCS Work-Based Learning (Internship)	Computer Science Foundations Coding I Coding II Introduction to Multimedia Animation I Game Design A Game Design B	Construction Tech Carpentry Tech Principles of Construction Woodworking Technology A Woodworking Technology B Introduction to Welding Welding Tech I A & I B Welding Tech II A & II B Welding Tech III A & III B



Ponderosa High School Advanced Level Contract 2026-2027
Required for all Advanced Placement (AP), Concurrent Enrollment (CE), & Honors Course Requests

Complete & turn in with your Registration Form

As a student enrolling in an AP, CE, or Honors course, you are choosing a curriculum that goes beyond the regular high school graduation requirements. Students who participate in these classes are exposed to a level of rigor that better prepares them for college and other post-graduate endeavors. In order to be successful, it is important to understand that you are making a commitment to a course that demands the following:

1. **Time Commitment** – weekends and long breaks can be used to stay on schedule with class content. Expect daily homework. Summer assignments are often required as well.
2. **Participation** – be prepared to take part in classroom discussions, simulations, and group work.
3. **Work Ethic** – having the discipline to meet the rigorous demands of these courses.
4. **AP Examination** – PHS students enrolled in AP classes are expected to register and take the corresponding AP exam in the spring. These exams are a major focus of the course content and instruction. There is a cost of \$99 (*subject to change*) for each AP exam taken.
5. **Fees & Materials** – Many AP/CE courses require that students purchase their textbook so they can be highlighted and annotated. Other AP/CE classes may have additional materials and/or lab fees.

Signed Statement of Participation Acknowledgements & Signatures

By signing on the line below, you are in agreement with the guidelines set forth by the PHS academic departments, school administration, and counseling department for enrollment and participation in an advanced course (AP, CE, or Honors). Please initial each statement below, indicating your understanding.

_____ I have read the above outline and understand the obligations required in a typical advanced course environment.
Student Initial Here

_____ I forego the immediate availability of dropping into a "regular" course during the school year.
Student Initial Here

_____ I recognize the type of academic rigor associated with an advanced course offering.
Student Initial Here

_____ I expect to be challenged and experience learning that prepares one for higher levels of education.
Student Initial Here

_____ I understand that I will need to pay fees and purchase textbooks for advanced courses.
Student Initial Here

List each advanced course (AP, CE, or Honors) you are registering for below:

Course 1 _____	Course 5 _____
Course 2 _____	Course 6 _____
Course 3 _____	Course 7 _____
Course 4 _____	Course 8 _____

Student Name (print) _____	Graduation Year _____
Student Signature _____	Date _____
Parent/Guardian Signature _____	Date _____

Business & Marketing Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
CTE Intro to Business (Business Mgmt)	✓	✓	✓	✓
CTE Principles of Marketing (Marketing I)	✓	✓	✓	✓
CTE Intro to PC Apps (Microsoft Office)	✓	✓	✓	✓
CTE Intro to Multimedia	✓	✓	✓	✓
CTE Personal Finance	✓	✓	✓	✓
ACC BUS 1015 - Introduction to Business		✓	✓	✓
ACC CIS 1018 - Introduction to PC Applications		✓	✓	✓
ACC MAN 1028 - Human Relations in Organizations		✓	✓	✓
CTE Legal Environment in Business (Business Law)		✓	✓	✓
ACC MAR 2016 Principles of Marketing & ACC MAR 1055 Social Media for Business (must be taken together)		✓	✓	✓
CTE Entrepreneurship		✓	✓	✓
CTE Event Marketing and Communications (Sports Marketing)		✓	✓	✓
CTE BAM Capstone (Business and Marketing Leadership)		✓	✓	✓
CTE SBE Retail (School Store)		✓	✓	✓
CTE ACE Business & Entrepreneurship (Entrepreneurship for the Trades)		✓	✓	✓
CTE Digital Media & Communication WBL (Sports Media & Game Day Production)		✓	✓	✓

"Some people dream of success, while other people get up every morning and make it happen."

-Wayne Huizenga

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Business and Marketing

ACC Concurrent Enrollment Courses (College—CE)
& Career & Technical Education—CTE Courses
(hands-on/project-based)



At Ponderosa High School



**JOIN OUR CLUBS!! FBLA & DECA—are National Organizations
for students in technology, computer, business, and marketing**

9th Grade (Semester-long)

- CTE Intro. To Business
- CTE Principles of Marketing (**Marketing 1**)
- CTE Event Marketing / Communications (**Sports Marketing**)
- *CTE Introduction to PC Applications (**Microsoft Office**)
- CTE Intro. To Multimedia
- CTE Personal Finance

*Can earn Microsoft Certification

10th, 11th, 12th Grade (Semester-long, except as indicated)

- CTE Intro. To Business
- CTE Principles of Marketing (**Marketing 1**)
- *CTE Introduction to PC Applications (**Microsoft Office**)
- ACC BUS 1015 – Introduction to Business **CE**
- ACC CIS 1018 – Introduction to PC Applications **CE**
- ACC MAN 1028 – Human Relations in Organizations **CE**
- CTE Intro. To Multimedia
- CTE Digital Media & Communication (**Sports Media**) **WBL**
(**New Course**)
- CTE Personal Finance
- CTE Legal Environment in Business (**Business Law**)
- ACC MAR 2016 Marketing 2 & **CE**
- ACC MAR 1055 Social Media (Yearlong)
- CTE Business Entrepreneurship
- CTE ACE Business & Entrepreneurship (**For Skilled Trades**) (**New Course**)
- CTE Event Marketing/Communications (**Sports Marketing**)
- CTE Business & Marketing Leadership (Yearlong) - By Invitation only
- CTE SBE Retail (**School Store Manager**) Mustang Market or Apparel - (**Approval Required**)

*Can earn Microsoft Certification

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Business & Marketing Course Descriptions

CTE Intro to Business (Business Management)

Course #(s): 79061102	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit			
Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.			

CTE Principles of Marketing (Marketing I)

Course #(s): 79061204	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$35	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit			
Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and the applications to businesses and the individual consumer.			

CTE Intro to PC Application (Microsoft Office Applications)

Course #(s): 79061104	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$35	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit			
This course introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet.			

ACC CIS 1018 - Intro to PC Applications (Microsoft Office) (CE) (College Course)			
Course #(s): 69020	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$15 + Cost of Book	Grade Level(s): 10-12
Prerequisites: It is suggested that students take CTE Intro to PC Applications. (must be familiar with Microsoft Office Applications to take this college course) Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Introduces computer concepts and components, as well as application-suite software and the Internet. Includes descriptions of and hands-on experiences with word processing, spreadsheets, databases, operating environments and other common PC application packages. Suggest students take CTE Introduction to PC Applications first.	

ACC MAN 1028 - Human Relations in Organizations (CE) (College Course)			
Course #(s): 69128S1 or 69128S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$15 + Cost of Book	Grade Level(s): 10-12
Prerequisites: None Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Introduces interpersonal relations most directly linked to attainment of organizational and individual goals in the business world. Other factors include motivation, career development, and conflict resolution. It explores the importance of effective communication in organizations. Addresses organizational issues such as employee motivation and customer complaints as related to product or service defects.	

CTE Legal Environment in Business (Business Law)			
Course #(s): 79061304	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business. Specific attention is devoted to economic regulation, social regulation, regulation and laws impacting labor-management issues, and environmental concerns. Students develop an understanding of the role of law in social, political, and economic change.	

CTE Intro to Multimedia			
Course #(s): 79123203	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$35	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course will explore multimedia application software for photo editing, web design, digital music, video production, and computer animation. This course will survey various electronic media areas to compare, analyze and combine software techniques.	

CTE Personal Finance			
Course #(s): 79061106	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes.	

ACC BUS 1015 Intro to Business (CE) (College Course)			
Course #(s): 69015	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$15 + Cost of Book	Grade Level(s): 10-12
Prerequisites: None Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, governmental regulations, tools of business, and social responsibilities.		

ACC MAR 2016 - Principles of Marketing - (FALL) (CE) & ACC MAR 1055 - Social Media for Business - (SPRING) (CE) (College Course)			
Course #(s): 69216S1 & 69217	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$15/semester + Cost of Books	Grade Level(s): 10-12
Prerequisites: None Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	ACC MAR 2016 Principles of Marketing COMBINED with ACC MAR 1055 Social Media for Business is designed for students interested in exploring advanced topics in marketing. Topics covered include physical distribution, purchasing, stock handling and inventory control, price planning and pricing strategies, marketing research, product planning, branding, packaging, and labeling, extended product features, entrepreneurial concepts, interpersonal management skills. An integral component of the Marketing II course involves the application of the concepts in the management and operation of the school store. Students will also develop employability and career development strategies. This course also addresses current trends, ethics, regulations, legal challenges, strategy, content development, and change management. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals. Active participation in DECA is an integral component of the curriculum. Membership in DECA is mandatory for all ACC Marketing students. MAR 2016 presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer. MAR 1055 teaches students how to use social media as a business strategy and covers how to match that strategy with the goals of the business. This course addresses current trends, ethics, regulations, legal challenges, strategy, content development, and change management. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals.		

CTE Entrepreneurship

Course #(s): 79061401	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30	Grade Level(s): 10-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Entrepreneurship is a course designed for those who are interested in exploring advanced topics in marketing and business ownership. This is a course that will require you to demonstrate your ability to work independently, identify and utilize available resources, and write and present an extensive formal business plan for a proposed business of your choice. Active participation in DECA is an integral component of the curriculum and is strongly encouraged.		

CTE SBE Retail (School Store)

Course #(s): 79061406S1 <u>or</u> 79061406S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30	Grade Level(s): 10-12
Prerequisites: None Highly recommend previous business or marketing class. Graduation Requirement: Practical Arts ☐ May be taken only once for credit ☒ May be repeated for credit	This course is an entrepreneurial operation in a school setting that provides goods/services to meet the needs of a market. Students will learn hands-on retail procedures including customer service, advertising, sales, merchandising and math.		

CTE Event Marketing and Communications (Sports Marketing)			
Course #(s): 79061301	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30	Grade Level(s): 10-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Dive into the exciting industries of sports and entertainment through this engaging, hands-on course. Students will explore key marketing concepts like branding, sponsorships, event planning, ticket sales, and media strategies, learning how they are applied to sports teams, events, and entertainment brands. Using real-world examples and project-based activities, students will examine the impact of social media, emerging technologies, and data-driven strategies on marketing success. They will develop critical skills like creativity, teamwork, and problem-solving while designing their own marketing campaigns for real or hypothetical scenarios. This course is perfect for students interested in careers in marketing, public relations, or event management. By the end, students will understand how marketing drives the sports and entertainment industries and gain practical tools to succeed in future endeavors. Defines the importance and role of marketing, media and public relations in the event planning industry. Identify marketing and communication tools such as social media, promotional events, networking and blogs. Design a marketing plan to include target market research, communication tools, objectives, strategies, and implementation.		

CTE BAM Capstone (Business and Marketing Leadership)			
Course #(s): 79068888	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$30	Grade Level(s): 10-12
Prerequisites: A Business or Marketing course, teacher approval only Graduation Requirement: Practical Arts ☐ May be taken only once for credit ☒ May be repeated for credit	This course allows for individualized, advanced, and/or cumulative work in a program of study. It may include problem-/project-based learning or preparation for industry certification. The specific content and course design is determined by the instructor, in collaboration with the individual student.		

CTE ACE Business & Entrepreneurship (Entrepreneurship for the Trades)			
Course #(s): 79010205S1 & 79010205S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$30	Grade Level(s): 10-12
Prerequisites: A Business or Marketing course, teacher approval only Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course allows for individualized, advanced, and/or cumulative work in a program of study. It may include problem-/project-based learning or preparation for industry certification. The specific content and course design is determined by the instructor, in collaboration with the individual student.		

CTE Digital Media & Communication - Work Based Learning (Sports Media & Game Day Production)			
Course #(s): 79032999S1 & 79032999S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$30	Grade Level(s): 10-12
Prerequisites: A Business or Marketing course, teacher approval only Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education, as deemed developmentally appropriate.		

Computer Science & Engineering Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
Computer Science Course Titles				
CTE Computer Science Foundations	✓	✓	✓	✓
CTE Coding I	✓	✓	✓	✓
CTE Coding II		✓	✓	✓
CTE Animation I	✓	✓	✓	✓
CTE Intro to Multimedia	✓	✓	✓	✓
CTE Game Design A	✓	✓	✓	✓
CTE Game Design B	✓	✓	✓	✓
Engineering Course Titles				
CTE Principles of Engineering Technology	✓	✓	✓	✓
CTE Intro to Drafting & Design (Fall) and CTE Intro to Tech Drawing/Design (Spring)		✓	✓	✓
CTE Robotics & Automated Systems (Fall) and CTE Applied Engineering Design (Spring)			✓	✓
CTE Engineering & Technology Capstone				✓
ACC CAD 2455 Solidworks		✓	✓	✓
ACC CAD 2660 3D Printing/Additive Manufacturing		✓	✓	✓
ACC CAD 2456 Advanced Solidworks			✓	✓

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Engineering and Computer Science Courses

***CTE—Career and Technical Education**
(hands on, project based)

Engineering

ALL ARE YEARLONG CLASSES Unless Noted

9th grade

- CTE Principles of Engineering & Technology*

10th grade

- CTE Principles of Engineering & Technology*
- CTE Intro to Drafting & Design* (S1)
- CTE Introduction to Tech Draw/Design* (S2)

11th and 12th grade

- CTE Principles of Engineering & Technology*
- CTE Intro to Drafting & Design* (S1)
- CTE Introduction to Tech Draw/Design* (S2)
- CTE Robotics & Automated Systems (S1)
- CTE Applied Engineering Design (S2)
- CTE Engineering and Technology Capstone
- ACC 2455 Solidworks STEM (CE)* (S1)
- ACC 2456 Advanced Solidworks (CE)* (S2)
- ACC 2660 3D Printing/Additive Manufacturing (S2)

*can earn certifications in SolidWorks

Computer Science

9th grade (all are semester classes)

- CTE Computer Science Foundations
- CTE Coding I (recommend Alg. 1 first)
- CTE Animation I
- CTE Game Design A
- CTE Game Design B

10th, 11th and 12th grade (all are semester classes)

- CTE Computer Science Foundations
- CTE Coding I (Pre Req Alg. 1 first)
- CTE Coding II
- CTE Animation I
- CTE Game Design A
- CTE Game Design B



TSA—is a national organization for STEM,
Computer Science and Engineering students



E-Sports—a club for Gaming and
Computer Science students

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CTE Computer Science Foundations			
Course #(s): 79120001	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$15/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.		

CTE Coding I			
Course #(s): 79121201	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$15/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Coding I is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multi step procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution.		

CTE Coding II			
Course #(s): 79121301	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$15/Semester	Grade Level(s): 10-12
Prerequisites: Coding I Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Coding II challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In so doing, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.		

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CTE Animation I			
Course #(s): 7903104	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$35/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Animation I is an introduction to traditional animation. This course covers essential knowledge, skills, and concepts required for postsecondary fields of study. Upon completion of this course, students are able to describe various careers within animation, as well as admission requirements for postsecondary fields of study in Colorado. Students will digitally create both 2D animations and 3D computer-generated animations. The basic principles of design and animation will be covered that have been used by professionals. Students will have drawing assignments to help them in character design, layout, and story development. With the approval of the instructor, students may have the choice to complete major projects in either 2D or 3D.	

CTE Game Design A			
Course #(s): 79121303S1	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Game Design combines problem-solving techniques with computer game design and implementation to introduce the student to basic gaming and computer science concepts. Students design, implement, and test computer games using software that allows for basic game creation through a wide variety of game creation tools.	

CTE Game Design B			
Course #(s): 79121303S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 9-12
Prerequisites: Game Design A Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Game Design B continues with problem-solving techniques with computer game design and implementation to advance the student to gaming and computer science concepts. Students continue to design, implement, and test computer games using software that allows for basic game creation through a wide variety of game creation tools, furthering their advancement.	

CTE Intro to Multimedia			
Course #(s): 79123203	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$35/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course will explore multimedia application software for photo editing, web design, digital music, video production, and computer animation. This course will survey various electronic media areas to compare, analyze and combine software techniques.		

CTE Principles of Engineering Technology			
Course #(s): 79140101	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$50/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course is a year-long class designed to open the door on engineering foundations and their application to the real world using a Project Based Learning structure. Topics of study may include, but are not limited to, engineering analysis, testing, physics, planning and design, digital manufacturing design and fabrication, intelligent systems bio robotics, dynamic logic and sensory imaging, and aerospace rocketry-aerodynamic engineering. Students will work in small teams to compete against classmates with their projects. Students will use the 12 - step engineering design process to develop their projects. Principles of Engineering and Technology is designed to introduce students to the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others.		

CTE Intro to Drafting & Design (Fall)			
Course #(s): 79140102S1	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 10-12
Prerequisites: CTE Principles of Engineering Technology, Intro to Drafting and Design or teacher approval Students must plan on taking Intro to Tech Drawing/Design when signed up for Intro to Drafting & Design. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course offers students the opportunity to combine design principles with technology to produce authentic projects. The initial focus will be on developing an understanding of the visual elements and the principles of design. Students will study both two and three-dimensional applications and problems. Students will explore areas such as: graphic design, architectural design, landscaping design, manufacturing design and interior design. Students will use drafting skills to produce detailed working drawings, sectionals, auxiliary, fasteners, and simple architectural floor plans. Students will also work in design teams to create pattern development and design and produce prototypes. They will be introduced to computer design software such as Google Sketch, SolidWorks, AutoCAD, and ArchiCad.		

CTE Intro to Tech Drawing/Design (Spring)			
Course #(s): 79140203S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 10-12
Prerequisites: CTE Principles of Engineering Technology, Intro to Drafting and Design or teacher approval Students must plan on taking Drafting & Design when signed up for Intro to Drawing/Design. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course offers students the opportunity to practice engineering concepts in a modular lab design. Students will complete short introductory rotations on modules designed to provide hands-on experience with engineering applications. The focus is on developing skills that the students can apply to their projects. Further motivating students to continue their learning in math and science. Solidworks introduces basic non-parametric 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. The student learns to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models. This year-long course develops skills in drafting and design of structures and products. This is accomplished by introducing a design process of refining sketches through technical hand and computer-aided drafting. The use of a CAD-CAM program will allow students to visually apply creative design elements to specific projects.		

CTE Robotics & Automated Systems (Fall)			
Course #(s): 79140302	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 11-12
Prerequisites: CTE Introduction to Tech Drawing/Design or teacher approval Students must plan on taking Applied Engineering Design when signed up for Robotics & Automated Systems. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Robotics & Automated Systems is an applied course for students who wish to explore how robots and automated systems are used in industry. Upon completion of this course, students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robot and automated systems.		

CTE Applied Engineering Design (Spring)			
Course #(s): 79140301	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 11-12
Prerequisites: CTE Robotics & Auto Systems or teacher approval Students must plan on taking Robotics & Automated Systems when signed up for Applied Engineering Design. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Applied Engineering Design is an applied course for students interested in further developing their skills as future engineers. This course covers knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to explain the differences between scientists and engineers, understand the importance of ethical practices in engineering and technology, identify components of control systems, create simple free body diagrams, use measurement devices employed in engineering, conduct basic engineering economic analysis, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.		

CTE Engineering & Technology Capstone			
Course #(s): 79148888S1 & 79148888S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$50/Semester	Grade Level(s): 12
Prerequisites: CTE Applied Engineering Design or teacher approval Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Students will work in teams to complete a year-long project: Topics may include pneumatics, programmable logic controllers, measurement tools, materials testing, design and testing of structures, electronics, wind tunnel testing, sensors and mechanical systems. Projects may include advanced robotics and electric cars, solar cells, Maglev trains, automated hydroponic garden, home security systems and water desalination. The overall goal is to provide students a background to make informed career choices about their interest and ability in pursuing math, science and engineering.		

ACC CAD 2455 Solidworks			
Course #(s): 69075	Credit: .5 semester ☒ yearlong ☐	Fee Info: \$50/Semester + textbook	Grade Level(s): 10-12
Prerequisites: Teacher Approval Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Introduces parametric feature-based solid modeling 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. This course provides instruction on how to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models. Students will have the opportunity to earn a Certified Solidworks Associate (CSWA) and Certified Solidworks Professional (CSWP) Industry Certification.		

ACC CAD 2660 3D Printing/Additive Manufacturing			
Course #(s): 69164	Credit: .5 semester ☒ yearlong ☐	Fee Info: \$50/Semester + textbook	Grade Level(s): 10-12
Prerequisites: Teacher Approval Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Provides the student with the ability to blend the virtual and real design worlds together through the use of 3D CAD Modeling, and 3D Printing. Students will utilize the MVHS 3D Printing lab with all types of printing with specialization in part bonding and fit, finishing techniques, design for 3D printing and safety. Students will create a personal web portfolio to highlight projects created within the course.		

ACC CAD 2456 Advance Solidworks

Course #(s): 69076	Credit: .5 semester ☒ yearlong ☐	Fee Info: \$50/Semester + textbook	Grade Level(s): 11-12
Prerequisites: Teacher Approval Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Introduces advanced applications of the 3D parametric software SolidWorks. Focuses include management of design data, advanced assembly, analysis of model creations, documentation of bill of materials and parts lists, rendering, animation, and dynamic simulation and testing a model assembly. Students will have the opportunity to earn CSWPA Certifications in Weldments, Drawing Tools, Surfacing, Mold Tools and Sheet Metal as well as prepare for the Certified Solidworks Expert Exam.		

English Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
English I	✓			
Honors English I	✓			
English II		✓		
Honors English II		✓		
English III			✓	
AP Literature & Composition			✓	
Contemporary Literature (Fall) & ACC LIT 1015 Intro to Literature (Spring)			✓	
English IV				✓
AP Language & Composition				✓
ACC ENG 1021 English Comp I (Fall) & ACC ENG 1022 English Comp II (Spring)				✓
Creative Writing	✓	✓	✓	✓
Content Reading & Writing	✓	✓	✓	✓
ELD English I	✓	✓	✓	✓
ELD English II		✓	✓	✓
Public Speaking	✓	✓	✓	✓
Newspaper	✓	✓	✓	✓
Yearbook	✓	✓	✓	✓

"The art of art, the glory of expression, and the sunshine of the light of letters, is simplicity."

-Walt Whitman

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PHS ENGLISH CURRICULUM FLOWCHART

After careful consideration by students, parents, and teachers, students may transition between programs and pathways (e.g. students may move from Honors English I to Traditional English II or from Traditional English I to Honors English II) at the conclusion of an academic year.

TRADITIONAL, COLLEGE PREPARATORY, AND CONCURRENT ENROLLMENT

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II Prerequisite: successful completion of English I.	ENGLISH III Prerequisite: successful completion of English I/Honors English I and/or English II/Honors English II.	ENGLISH IV Prerequisite: successful completion of English I/Honors English I, English II/Honors English II, English II/Contemp Lit & Comp.
↳	HONORS ENGLISH II Prerequisite: successful completion of Honors English I or English I with teacher recommendation.	Contemporary Lit. & Comp. & ACC LIT Prerequisite: successful completion of English I/Honors English I, English II/Honors English II, 3.0 GPA, 470 Eng. PSAT, and teacher recommendation.	ACC COMP I & II Prerequisite: successful completion of Eng. I/Honors Eng. I, Eng. II/Honors Eng. II, Eng. III/Contemp. Lit. and Comp & ACC LIT., 3.0 GPA, 470 Eng. SAT, and teacher recommendation.

ACCELERATED, HONORS/AP, AND CONCURRENT ENROLLMENT

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
HONORS ENGLISH I	HONORS ENGLISH II Prerequisite: successful completion of Honors English I or English I with teacher recommendation.	Contemporary Lit. & Comp. & ACC LIT Prerequisite: successful completion of English I/Honors English I, English II/Honors English II, 3.0 GPA, 470 Eng. PSAT, and teacher recommendation.	ACC COMP I & II Prerequisite: successful completion of Eng. I/Honors Eng. I, Eng. II/Honors Eng. II, Eng. III/Contemp. Lit. and Comp & ACC LIT., 3.0 GPA, 470 Eng. SAT, and teacher recommendation.
	↳	AP Lit. and Comp. Prerequisite: an A in English II or an A/B in Honors English II as well as teacher recommendation.	AP Lang. and Comp. Prerequisite: an A in English II or an A/B in Honors English II as well as teacher recommendation.

ALTERNATIVE, ELECTIVE, AND CONCURRENT ENROLLMENT

Alternative Offerings	Elective Courses	Concurrent Enrollment
Content Read Write (9-12) English Language Development (9-12)	Creative Writing (9-12) Public Speaking (9-12) Yearbook (9-12) Application Required Newspaper (9-12) Application Required	ACC LIT 1015 - Intro. to Literature (11) *Prerequisite: successful completion of Contemp. Lit. and Comp. ACC ENG 1021 & 1022 - College Composition I & II (12) *Prerequisite: successful completion of previous English courses, a 3.0 GPA, 470 Eng. SAT, and teacher recommendation.

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English Course Descriptions

AP Language & Composition

Course #(s): 50390S1 & 50390S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$98/AP Exam, Cost of Novels	Grade Level(s): 12
Prerequisites: Juniors must earn an A or B in AP Literature & Composition, an A or B in Contemporary/ACC Lit, or earn an A in English III, as well as, be recommended by the teacher. Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit  	This course follows the College Board curriculum for Advanced Placement English Language and Composition. This is a rigorous year-long course that places classroom attendance and participation at a premium. A college level reading ability and a firm grasp of the academic essay in both form and function is mandatory. This accelerated year-long course prepares students for the AP English Language and Composition exam through reading and analysis of nonfiction essays and literature in addition to polishing critical thinking and writing skills. Because students who pass the AP exam may earn college credit, the degree of difficulty is high. At the same time, the course introduces students to critical reading, productive discussion, time management, and rhetorical skills vital for success in college and the workplace. The position paper, analysis paper, and synthesis paper are the focus of the course. Students will learn to analyze and utilize rhetorical strategies and stylistic devices in the context of a variety of types of essays. They will be expected to complete summer reading/writing in preparation for the course. Students are expected to take the AP Exam and have the opportunity to earn college credit. Students are expected to purchase books for the course. Check out this informational video on this course : AP Language Course Description Video Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for English.		

AP Literature & Composition

Course #(s): 50400S1 & 50400S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$98 AP Exam, \$30/year	Grade Level(s): 11
Prerequisites: Sophomores must complete Honors English II with an A or B or English II with an A <u>as well as</u> be recommended by the teacher. Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit  	This course follows the College Board curriculum for Advanced Placement English Literature and Composition. This is a rigorous year-long course that places classroom attendance and participation at a premium. This accelerated year-long course prepares students for the AP English Literature and Composition exam through reading and analysis of classic literature (primarily world literature). Students have the opportunity to polish critical thinking and writing skills. This course has a high degree of difficulty. Students use both a writing process approach and a timed-writing approach in order to build fluency, control, and effectiveness in their writing, and they will be expected to complete summer reading in preparation for the course. Students are expected to take the AP Exam and have an opportunity to earn college credit. Students are expected to purchase novels and books for the course. Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for English.		

Contemporary Literature & Composition - (FALL) & ACC LIT 1015 Introduction to Literature - (SPRING) (CE)			
Course #(s): 50461S1 & 69027	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Novels	Grade Level(s): 11
Prerequisites: Sophomores must complete Honors English II with an A or B, English II with an A, a recommendation from their current teacher, and have 3.0 GPA or 470> on Evidence-Based Reading & Writing PSAT. Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	CONTEMPORARY LITERATURE AND COMPOSITION - This semester-long advanced course focuses on literary theory using a mix of contemporary and classical literature. Students participate in critical reading and examine effective models for writing while learning to write clearly and effectively. This course is considered a step in the pathway toward Advanced Placement Language and/or ACC ENG 1021 and ACC ENG 1022. ACC LIT 1015 - This writing intensive, college-level course is for students who wish to develop a strong understanding of literary studies, inquiry, and analysis. This course will focus on literary theory and, because it is a college-level course, the books, plays, and poetry may contain mature topics and themes. Students are expected to purchase novels and books for the course. This is a statewide guaranteed transfer course: GT-AH2.		

ACC ENG 1021 English Composition I -(FALL)(CE) & ACC ENG 1022 English Composition II - (SPRING) (CE)			
Course #(s): 69025 & 69026	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of textbook (students are expected to purchase books for this course)	Grade Level(s): 12
Prerequisites: 3.0 GPA or 470> on Evidence Based Reading & Writing SAT, Teacher Recommendation. Students must be concurrently enrolled in ACC. Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	ACC ENG 1021 - This writing-intensive, college-level course is for students who wish to develop their critical and logical thinking skills as well as their analytical research skills focusing on planning, writing, and revising compositions. This course includes a minimum of four compositions that stress analytical, evaluative, and persuasive/argumentative writing. Students are expected to purchase books for the course. This is a statewide guaranteed transfer course: GT-CO1. Students enrolled in this course must be concurrently enrolled in ACC. ACC ENG 1022 - Expands and refines the objectives of ACC 1021 English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or argumentative compositions. This is a statewide Guaranteed Transfer course in the GT-CO2 category.		

Creative Writing

Course #(s): 50470	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	This course focuses on the creative genres of writing: poetry, fiction and drama. Students are taught structures and models from each genre and are then assigned various writing activities within the genres. Students are also expected to engage in extensive critiquing, editing, and rewriting activities. Writers are encouraged to share their writing with classmates and express their own creative writing style.		

English I

Course #(s): 50300S1 & 50300S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9
Prerequisites: None Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	This year-long course is designed to help students transition to the high school English program by refining and strengthening reading, writing, and communication skills. It gives students the opportunity to develop an understanding and appreciation of world literature. Students will study literature through the genres of novel, drama, short story, nonfiction, and poetry, as well as through common themes. The study of grammar, usage, and mechanics will be integrated with the students' writing. Homework and attendance play an essential role in the course.		

Honors English I

Course #(s): 899100S1 & 899100S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Novels	Grade Level(s): 9
Prerequisites: Students must earn 2 A's in content knowledge and work habit grades in 8th grade Language Arts each quarter or at least 2 B's in 8th grade A Language Arts each quarter. Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	This year-long, accelerated course includes the literature and writing experiences of English I as well as additional texts, at an accelerated level. The course is intended for students capable of a challenging curriculum, and it provides a strong foundation for subsequent Honors, ACC, and Advanced Placement English classes. In Honors English I, students will be expected to handle a greater amount of assigned reading than in English I and will compose more sophisticated essays, including the critical analysis essay and persuasive essay. Homework and attendance are an essential part of the course, and students will be expected to complete summer reading in preparation for the school year. Students are expected to purchase novels for this course.		

English II			
Course #(s): 50330S1 & 50330S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 10
Prerequisites: English I Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	English II is a year-long course intended to help students strengthen their writing, reading, and communication skills. Students will study the elements of fiction and will explore the genres of novel, short story, nonfiction, poetry, essay, speeches, and drama. In addition, students will be expected to successfully complete multi-paragraph, thesis-driven essays; critical analysis essays, and first person, narrative accounts. Homework and attendance play an essential role in the course.		

Honors English II			
Course #(s): 899101S1 & 899101S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Novels	Grade Level(s): 10
Prerequisites: Freshmen must complete Honors English I with an A or B or English I with an A <u>as well as</u> be recommended by the teacher. Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	This year-long, accelerated course includes much of the literature and writing experiences of English II but at an accelerated level (reading assignments, homework, and complexity of writing will be augmented). This course is intended for students capable of a challenging curriculum and provides a strong foundation for subsequent Advanced Placement and ACC English classes. In addition to the increased homework load, Honors English II students will be expected to complete a summer reading component. Students are expected to purchase novels for the course. Homework and attendance play an essential role in this course.		

English III			
Course #(s): 50360S1 & 50360S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 11
Prerequisites: English II Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	This year-long course will challenge students to improve the sophistication of their writing by asking students to write for a variety of purposes and audiences. The course will stress the critical study of fiction and nonfiction. Students will also study rhetorical strategies and research practices.		

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English IV			
Course #(s): 50440S1 & 50440S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 12
Prerequisites: English III Graduation Requirement: Language Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	In this year-long course, students will continue to improve writing for a multitude of audiences, including college admission boards and future career prospects, and will focus on the reading analysis of non-fiction texts.		

Content Reading & Writing			
Course #(s): 50640S1 & 50640S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: TEACHER RECOMMENDATION ONLY. Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	This is a year-long English <i>elective</i> course for students interested in developing their literacy (reading and writing) strategies, skills, and abilities. They will define what it means to be a strategic reader and writer. They will read and write for a variety of purposes ranging from academic to real-world. (Students will be formally assessed using iReady three times a year.)		

ELD - English I			
Course #(s): 40600S1 & 40600S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Language Arts ☐ May be taken only once for credit ☒ May be repeated for credit	ELD English is a year-long English class for beginning English learners, students whose first language was not or is not English. The purpose of this class is to support students in building language and academic skills that will help them be successful in their course work. This class covers the mechanics of the English language, such as sentence structure, verb tense, and parts of speech. Students will do weekly vocabulary related to their academic classes such as science, math, and social studies. There is a heavy focus on writing for a variety of purposes, paragraph structure and MLA citation. Students will have an opportunity to present to their classmates and work collaboratively on writing and presentation pieces. Students will read extensively and they will develop skills in all four language domains (speaking, listening, reading, and writing).		

ELD - English II			
Course #(s): 40601S1 & 40601S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 10-12
Prerequisites: ELD - English I Graduation Requirement: Language Arts ☐ May be taken only once for credit ☒ May be repeated for credit	ELD English II is designed to support English Learners new to the English language transition to the high school English program by strengthening reading, writing, listening, and communication skills. They will also explore the genres of novel, short story, nonfiction, poetry, essay, speeches, and drama. In addition, students will be expected to successfully complete a major research project; multi-paragraph, thesis-driven essays; critical analysis essays; essay tests; and first person, narrative accounts.		

Public Speaking			
Course #(s): 50700	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is to prepare students for the variety of speaking situations they will inevitably encounter in their academic and professional careers. Emphasis is placed on improving confidence and self-esteem while developing and practicing communication skills. By giving presentations to the class, students will learn presentation techniques, organizational patterns, use of evidence and research, and listening skills.		

Newspaper			
Course #(s): 50413S1 & 50413S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Students must have a GPA of 3.0 or above, a minimum grade of B in their prior year's English course, and complete the application/interview Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit	During this year-long course, students will plan, write, layout, and produce the high school newspaper, The Mustang Express. Students will practice and learn journalistic skills such as interviewing, writing, revising, editing, layout and design, photography, and composing captions, headlines, and stories. This course requires students to be available outside of normal school hours. An application is required for all students who are interested in this course. Application		

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Yearbook			
Course #(s): 50420S1 & 50420S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Students must have a GPA of 3.0 or above, and an A or B in their prior year's English course, prior year's English teacher approval, application/interview Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit	During this year-long course, students will plan, write, layout, and produce the school yearbook. Students will practice and learn journalism skills such as interviewing, writing, revising, editing, layout and design, and photography. Students will be expected to handle all business aspects including sales and advertising. This course requires students to be available outside of normal school hours. Current 8th grade students interested in the Yearbook class must make themselves available to interview in the Spring. Applications are to be submitted to Emma Michel. Application		

Family & Consumer Sciences Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
CTE Child & Adolescent Development	✓	✓	✓	✓
CTE Teen Choices	✓	✓		
CTE Culinary Nutrition (Food)	✓	✓	✓	
CTE Life Management			✓	✓
CTE Interpersonal Relationships			✓	✓
CTE Catering I & II		✓	✓	✓
CTE Baking & Pastry A and CTE Baking & Pastry B			✓	✓
ACC ECE 1011 Introduction to Early Childhood Education & ACC ECE 1111 Infant & Toddler Development (not offered 2026-27, offered 2027-28)			✓	✓
CTE Teacher Cadet 1A & ACC EDU 2211 Intro to Education & ACC EDU 2088 Practicum II (offered 2026-27, not offered in 2027-28)			✓	✓
CTE Credit-for-Work Experience			✓	✓
CTE Educ FCS Work-Based Learning (Internship)			✓	✓

Mission Statement

DCSD Career and Technical Education programs provide students with real world knowledge, career and technical skills, and occupational experience through project based learning to enable them to lead with integrity and influence the future as productive and employable citizens.

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Family Consumer Sciences Course Descriptions

CTE Child & Adolescent Development

Course #(s): 79102107	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Whether there is an interest in working with children, applying knowledge to a future family, or even learning more about younger family members, this course is designed to introduce students to early childhood development. It provides an overview of intellectual, physical, social, and emotional development from birth to elementary age. In addition, parenting and prenatal development are essential components to the course. An exciting aspect of this course is getting the opportunity to participate in the infant simulator.		

CTE Teen Choices

Course #(s): 79102105	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-10
Prerequisites: None Graduation Requirement: Practical Arts or Physical Education ☒ May be taken only once for credit ☐ May be repeated for credit	In this course, you will learn how to make healthy decisions throughout your teen years. You will learn skills and practices required by individuals to develop, manage and strengthen social, psychological and physical wellness, interpersonal relationships, safe sexual decision making, anti-substance use practices and understanding teens and the law.		

CTE Culinary Nutrition (Food)

Course #(s): 79101102	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-11
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Culinary Nutrition provides students the opportunity to develop lifelong and health habits with an understanding of nutritious food preparation techniques utilizing various resources and skills. Emphasis is placed on implementing healthy nutritional choices, preparing nutrient-dense seasonal foods, sports nutrition, exploring careers related to culinary nutrition and practicing wise consumer decisions.		

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CTE Educ Life Management (Personal Finance)			
Course #(s): 79102106	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Students will develop decision-making skills to become educated consumers with an understanding and academic knowledge of consumer resources and financial organizations. The course focuses on personal and family resources, job and career, personal and family finances, and wellness. (Relevant topics include: independent living, healthy lifestyles, career research and job portfolios, personal financial literacy, investments, credit, insurance, leasing vs. purchasing of autos and homes.)		

CTE Interpersonal Relationships			
Course #(s): 79102104	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	The focus of this course is establishing and maintaining healthy relationships throughout your lifespan. This class is designed to help students understand the relationships they have with peers, family and in the workplace. Students will recognize the components of healthy relationships. This course also covers the principles of effective communication skills, teamwork, and offers coping strategies for everyday life.		

CTE Catering I & Catering II			
Course #(s): 79101202S1 & 79101203S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$100/Semester	Grade Level(s): 10-12
Prerequisites: Recommended to take Culinary Nutrition. Students must plan on taking Catering II when enrolled in Catering I. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Catering is a culinary class designed for beginning to advanced students. Students will develop skills in safety, sanitation, basic food preparation techniques, knife skills, baking, cooking methods, creative meal planning, plate presentation and customer service. Second semester expands on techniques and skills, providing students with the opportunity to expand their culinary expertise, cater events and discover food traditions from around the world. Students will apply their knowledge in the numerous culinary areas through weekly labs. This class is geared towards students entering the restaurant, hospitality or lodging fields.		

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CTE Baking & Pastry A and CTE Baking & Pastry B			
Course #(s): 79101301S1 & 79101301S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$40/Semester	Grade Level(s): 11-12
Prerequisites: Completion of Catering 1 & 2 with a grade of "C" or better Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This two-semester course, based on Family and Consumer Sciences standards, is designed for students with career interests in the food industry, as well as owning their own culinary business. Students will develop skills in quantity, food preparation, safety and sanitation, planning, customer service, and entrepreneurship. The National Restaurant Association Food Safety Manager Certificate attainment is part of this course.		

ACC ECE 1011 Introduction to Early Childhood Education (CE) (College Course) (FALL) & ACC ECE 1111 Infant & Toddler Development (CE) (College Course) (SPRING)			
Course #(s): 69070 & 69060	Credit: 0.5 & 0.5 semester ☐ yearlong ☒	Fee Info: Cost of Books	Grade Level(s): 11-12
Prerequisites: Child Development, Accuplacer sentence skill score of 70 or ACT minimum of 17 Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	ACC ECE 1011 Introduction to Early Childhood Education provides an introduction to Early Childhood Education. Includes the eight key areas of professional knowledge: Child Growth and Development; Health, Nutrition and Safety; Developmentally Appropriate Practices; Guidance; Family and Community Relationships; Diversity; Professionalism and Supervision. Focuses on birth through age eight. ACC ECE 1111 Infant & Toddler Development presents an overview of theories, applications (including observation), and issues pertinent to infant and toddler development in group and/or family settings. Includes state requirements for licensing, health, safety and nutrition. Focuses on birth through age three. Courses will not be offered in 2026-27.		

**CTE Teacher Cadet 1A (FALL) &
ACC EDU 2211 Intro to Education (SPRING) (College Course)
ACC EDU 2088 Practicum (SPRING) (College Course)**

Course #(s): 79102201 & 6902211 & 6902288	Credit: 0.5 & 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Books	Grade Level(s): 11-12
Prerequisites: Instructor Approval, 3.0 GPA and application process Students must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	CTE Teacher Cadet 1A - Presents an overview of theories, applications (including observation), and issues pertinent to infant and toddler development in group and/or family settings. Includes state requirements for licensing, health, safety and nutrition. Focuses on birth through age three. ACC EDU 2211 Intro to Education & ACC EDU 2088 Practicum - Interested in teaching as a possible profession? Get a head start on your college career. College credit for this honors introduction to education course is available pending approval. Students will be involved in a fast-paced, innovative, hands-on curriculum where they gain knowledge about teaching and learning. The teacher cadets will develop and master effective skills that will be helpful in college and beyond, such as public speaking, writing, communication, and reasoning skills. The curriculum explores education as a career by investigating numerous positions and their duties in the education field, from central administration to principals, counselors, and teachers at various levels and subjects. During extended field experience students will plan, present, and assess lessons in collaboration with an experienced teacher. Courses will be offered in 2026-27.		

CTE Credit-for-Work Experience

Course #(s): 79827S1 or 79827S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: Administrator or Counselor Approval Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Students work on the job in a business related area and receive credit plus pay from employers. Students must provide their own transportation, have proper insurance forms, and work a minimum number of hours per semester. Students must successfully complete classroom requirements in order to receive credit for work experience hours. If a student completes 120 hours, 0.5 credit is awarded. If a student completes 240 hours, the amount of credit given is changed to 1.0 credit.		

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CTE Educ FCS Work-Based Learning (Internship)			
Course #(s): 79102999S1 & 79102999S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: Instructor Invitation Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education. Students will continue to increase their specific CTE Pathway skills in an instructor approved, non-paid internship.		

Fine Arts Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
AP Art History		✓	✓	✓
AP Drawing			✓	✓
AP 2D Art & Design: Graphic Design			✓	✓
AP 2D Art & Design: Photography			✓	✓
AP 3D Art & Design: Ceramics			✓	✓
AP 3D Art & Design: Jewelry			✓	✓
AP 3D Art & Design: Sculpture			✓	✓
Ceramics I	✓	✓	✓	✓
Ceramics II	✓	✓	✓	✓
Ceramics III		✓	✓	✓
Ceramics IV		✓	✓	✓
Drawing & Painting I	✓	✓	✓	✓
Drawing & Painting II	✓	✓	✓	✓
Drawing & Painting III		✓	✓	✓
Drawing & Painting IV		✓	✓	✓
Graphic Design I	✓	✓	✓	✓
Graphic Design II	✓	✓	✓	✓
Graphic Design III		✓	✓	✓
Graphic Design IV		✓	✓	✓
Jewelry I	✓	✓	✓	✓
Jewelry II	✓	✓	✓	✓
Jewelry III		✓	✓	✓
Jewelry IV		✓	✓	✓
Photography I	✓	✓	✓	✓

Photography II	✓	✓	✓	✓
Photography III		✓	✓	✓
Photography IV		✓	✓	✓
Sculpture I	✓	✓	✓	✓
Sculpture II	✓	✓	✓	✓
Sculpture III		✓	✓	✓
Sculpture IV		✓	✓	✓
TV Broadcast	✓	✓	✓	✓

“Creativity is allowing yourself to make mistakes. Art is knowing which ones to keep.”

-Scott Adams

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Fine Arts Course Descriptions

AP Art History			
Course #(s): 15485S1 & 15485S2	Credit: 1.0 semester yearlong ☐ ☒	Fee Info: \$20/Semester, Textbook and \$98 AP Exam Fee	Grade Level(s): 10-12
Prerequisites: None	This course is a chronological survey of art history starting with prehistoric art and ending with 21st century art. Students will gain knowledge and understanding of architecture, sculpture, painting, and other art forms within historical and cultural contexts. Contextual issues such as politics, religions, patronage, gender, function, and ethnicity will be addressed. Selected works from beyond the Western tradition will be included. Analysis of art will include the understanding of the elements of art and the principles of design. Students should be aware that Advanced Placement Art History involves significantly more time than the average high school course. Students who have excelled in Humanities, such as history, literature, and Studio Art, are encouraged to enroll in this course for their junior or senior year.		
Graduation Requirement: Fine Arts			
☐ May be taken only once for credit ☒ May be repeated for credit			
AP Drawing			
Course #(s): 15476S1 & 15476S2	Credit: 1.0 semester yearlong ☐ ☒	Fee Info: \$40/Semester, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Instructor Approval	The Advanced Placement Program in art is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement work involves significantly more time than the typical high school course and that the program is not for the casually interested. Drawing and painting projects include a wide spectrum of media and methods. Students will complete an area of concentration with theme and media development.. Students will complete an AP Portfolio in 2D Design or Drawing.		
Graduation Requirement: Fine Arts			
☐ May be taken only once for credit ☒ May be repeated for credit			
AP 2D Art & Design: Graphic Design			
Course #(s): 15477S1 & 15477S2	Credit: 1.0 semester yearlong ☐ ☒	Fee Info: \$40/Semester, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Instructor Approval	The Advanced Placement Program in art is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement work involves significantly more time than the typical high school course and that the program is not for the casually interested. Graphic Design projects include a wide spectrum of media and methods. Students will complete an area of concentration with theme and media development. Students will complete an AP Portfolio in 2D Design.		
Graduation Requirement: Fine Arts			
☐ May be taken only once for credit ☒ May be repeated for credit			

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AP 2D Art & Design: Photography			
Course #(s): 15478S1 & 15478S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$40/Semester, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Instructor Approval Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		The Advanced Placement Program in art is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement work involves significantly more time than the typical high school course and that the program is not for the casually interested. Photography projects include a wide spectrum of media and methods. Students will complete an area of concentration with theme and media development. Students will complete an AP Portfolio in 2D design.	

AP 3D Art & Design: Ceramics			
Course #(s): 15479S1 & 15479S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$40/Semester, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Instructor Approval Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		The Advanced Placement Program in art is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement work involves significantly more time than the typical high school course and that the program is not for the casually interested. Ceramics projects include a wide spectrum of media and methods. Students will complete an area of concentration with theme and media development. Students will complete an AP Portfolio in 3D design.	

AP 3D Art & Design: Jewelry			
Course #(s): 15480S1 & 15480S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$40/Semester, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Instructor Approval Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		The Advanced Placement Program in art is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement work involves significantly more time than the typical high school course and that the program is not for the casually interested. Jewelry projects include a wide spectrum of media and methods. Students will complete an area of concentration with theme and media development. Students may choose to complete an AP Portfolio in 3D Design.	

AP 3D Art & Design: Sculpture			
Course #(s): 15481S1 & 15481S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$40/Semester, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Instructor Approval Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		The Advanced Placement Program in art is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement work involves significantly more time than the typical high school course and that the program is not for the casually interested. Sculpture projects include a wide spectrum of media and methods. Students will complete an area of concentration with theme and media development. Students will also complete an area of breadth demonstrating a variety of skills, ideas, and media. Students will complete an AP Portfolio in 3D Design.	

Ceramics I			
Course #(s): 15425	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Ceramics I is an introduction to design, glazes, basic hand building, and introduction of the ceramics process.	

Ceramics II			
Course #(s): 15430	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: Ceramics I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is a continuation of Ceramics I with an emphasis on creativity, skill, technique, form and design.	

Ceramics III			
Course #(s): 15435	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Ceramics II Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course is a continuation of Ceramics II with an emphasis on advanced technique, form and design.		

Ceramics IV			
Course #(s): 15440	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Ceramics III Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Students will work through a mug series learning new advanced skills and techniques.		

Drawing & Painting I			
Course #(s): 15500	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course focuses on basic drawing techniques and an introduction to painting. Students will work with various drawing and painting media, working on the elements of art and principles of design.		

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Drawing & Painting II			
Course #(s): 15505	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: Drawing & Painting I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Students will focus on a more intense involvement in drawing and painting media, techniques, and artistic styles. Increased individual expression and artistic awareness will be encouraged.	

Drawing & Painting III			
Course #(s): 15510	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Drawing & Painting II Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course allows the serious art student to further develop skills, ideas, personal philosophy and creativity in drawing and painting.	

Drawing & Painting IV			
Course #(s): 15515	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Drawing & Painting III Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		Students will work on individual advanced projects with an emphasis on portfolio development.	

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Graphic Design I			
Course #(s): 15450	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Graphic Design courses will introduce students to various tools, techniques, and concepts employed by the graphic artist. Students will learn design and layout while completing professional projects such as typeface, business identity, publication layout, packaging, digital illustration, and advertising.	

Graphic Design II			
Course #(s): 15455	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: Graphic Design I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course continues the creative and technical experiences introduced in Graphic Design I along with more advanced projects.	

Graphic Design III			
Course #(s): 15460	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Graphic Design II Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is designed for the serious art student, possibly considering art as a career. Students will develop and design professional graphic art projects while further developing computer competence.	

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Graphic Design IV

Course #(s): 15465	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Graphic Design III Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Students will work on individual advanced projects with an emphasis on portfolio development.		

Jewelry I

Course #(s): 15525	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course is an introduction to the construction of jewelry designs and metalsmithing involving a variety of basic techniques and materials.		

Jewelry II

Course #(s): 15530	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: Jewelry I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course is designed to allow students a continued experience in jewelry making and metalsmithing. Conceptual design development and advanced jewelry techniques will be explored.		

Jewelry III			
Course #(s): 15535	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Jewelry II Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is directed to advanced jewelry students. Further techniques will be explored and students will work to develop a personal style.	

Jewelry IV			
Course #(s): 15540	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Jewelry III Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		This course is directed to advanced jewelry students. Techniques and mediums will continue to be explored. Students will work on advanced projects and develop an artistic style.	

Photography I			
Course #(s): 15575	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is an introduction to photography as a fine art medium and develops skills necessary for basic camera, studio operation, and digital manipulation.	

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Photography II			
Course #(s): 15580	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: Photography I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Photography II is a further exploration of photographic elements with an emphasis on developing individual creativity and visual communication skills.	

Photography III			
Course #(s): 15582	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Photography II Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course requires the serious student to develop an in-depth exploration of complex photographic and digital techniques.	

Photography IV			
Course #(s): 15585	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Photography III Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		Students will work on individual advanced projects with an emphasis on portfolio development.	

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Sculpture I			
Course #(s): 15550	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Sculpture I is designed to give students the opportunity to express their thoughts and ideas in a three dimensional form through the use of various materials including wire, metal, cardboard, plaster, etc. If you are interested in working with clay, check out the Ceramic courses.	

Sculpture II			
Course #(s): 15555	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: Sculpture I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		In this course, students will gain practical experience in traditional and experimental approaches to creating and constructing sculpture. Building upon foundation created in Sculpture I.	

Sculpture III			
Course #(s): 15560	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Sculpture II Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is directed to the advanced sculpture student. Various techniques and mediums will be further explored. Students will work on advanced projects with an emphasis on developing an artistic style.	

Sculpture IV

Course #(s): 15565	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: Sculpture III Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	This course is directed to advanced sculpture students. Various techniques and mediums will be further explored. Students will work on advanced projects and begin to develop a studio practice.		

TV Broadcast

Course #(s): 50781	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	This course offers an overview of the broadcast media industry, including an introduction to anchoring, directing, editing, interviewing, news writing, photojournalism/videotaping, and reporting. This course is designed to provide students with advanced knowledge and skills related to the television broadcasting industry. This includes instruction and hands-on assignments in the following areas: newscasts, camera operation, audio systems, lighting systems, pre-production, studio operations, control room operations, post-production, visual effects and graphics, and copyright laws.		

Industrial Technology Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
CTE Introduction to Auto Services	✓	✓	✓	✓
AUTO LEVEL 1 - CTE MLR I (Level 1)		✓	✓	✓
AUTO LEVEL 2 - CTE MLR II (Level 2)		✓	✓	✓
AUTO LEVEL 3 - ACC ASE 1001, ACC ASE 1003 & ACC ASE 1020			✓	✓
AUTO LEVEL 4 - ACC ASE 2050 & ACC ASE 2064			✓	✓
AUTO LEVEL 5 - CTE MLR III				✓
AUTO LEVEL 6 - CTE MLR IV				✓
CTE Introduction to Welding	✓	✓	✓	✓
CTE Welding Tech I A		✓	✓	✓
CTE Welding Tech I B		✓	✓	✓
CTE Welding Tech II A			✓	✓
CTE Welding Tech II B			✓	✓
CTE Welding Tech III A			✓	✓
CTE Welding Tech III B			✓	✓
CTE Construction Tech - Level 1	✓	✓	✓	✓
CTE Carpentry Tech - Level 2	✓	✓	✓	✓
CTE Principles of Construction	✓	✓	✓	✓
CTE Woodworking Tech A	✓	✓	✓	✓
CTE Woodworking Tech B		✓	✓	✓

Ponderosa High School is the only NATEF accredited automotive program to offer college credit through a partnership with Arapahoe Community College in Douglas County.

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PHS Auto Course Offerings

CTE Introduction to Auto Services (Course #79150101S1 or S2)		
Level 0	9th - 12th Grade	1st OR 2nd semester

1st Semester Auto Courses (Fall) <i>See Course Descriptions for Prerequisite Information</i>	2nd Semester Auto Courses (Spring) <i>See Course Descriptions for Prerequisite Information</i>
CTE MLR I (Course #79150201S1) Level 1 10th - 12th Grade	CTE MLR II (Course #79150202S2) Level 2 10th - 12th Grade
ACC ASE 1001 (Course #69203) ACC ASE 1003 (Course #69204) ACC ASE 1020 (Course #69208) <i>ACC ASE 1001, 1003, & 1020 must be taken together.</i> Level 3 11th - 12th Grade	ACC ASE 2050 (Course #69206) ACC ASE 2064 (Course #69207) <i>ACC ASE 2050 & 2064 must be taken together.</i> Level 4 11th - 12th Grade
CTE MLR III (Course # 79150301S1) Level 5 12th Grade	CTE MLR IV (Course #79150401S2) Level 6 12th Grade

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Auto Course Descriptions

CTE Intro to Auto Services (Automotive Systems I) (Level 0) (FALL or SPRING)

Course #(s): 79150101S1 or 79150101S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course introduces students to the basics of vehicle ownership in both classroom and shop environments. Upon completion of the course, students will have an understanding of normal vehicle care and maintenance. Topics of study include basic tool usage, roadside safety, basic vehicle maintenance, and responsible vehicle ownership.		

CTE MLR I (Automotive Technology III) (Auto Level I) - (FALL)

Course #(s): 79150201S1	Credit: 1.0 semester ☒ yearlong ☐	Fee Info: \$80/Semester, Cost of Workbook	Grade Level(s): 10-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course prepares students for taking the Automotive Service Excellence (ASE) student certification exams. Students study advanced theory, operation, & repair of the engine, brake, steering, and suspension systems. This fall semester course is double blocked and must be taken with spring semester course Automotive Technology IV.		

CTE MLR II (Automotive Technology IV) (Auto Level 2) - (SPRING)

Course #(s): 79150202S2	Credit: 1.0 semester ☒ yearlong ☐	Fee Info: \$80/Semester, Cost of Workbook	Grade Level(s): 10-12
Prerequisites: CTE MLR I with a grade of 60 % or higher Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Students taking CTE MLR II will take the Automotive Service Excellence (ASE) student certification exams. Students study advanced theory, operation, & repair of the engine, ignition, fuel delivery, and emissions control systems. This spring semester course is double blocked and must be taken with the fall semester course CTE MLR I.		

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ACC ASE 1001 - Auto Shop Orient., ACC ASE 1003 - Auto Maint. I & ACC ASE 1020 - Basic Auto Electricity (Auto Level 3) - (FALL) (CE) (College Course)			
Course #(s): 69203 & 69204 & 69208	Credit: 0.5 + 0.5 + semester ☒ 0.5 yearlong ☐	Fee Info: \$15, Cost of Books for each course	Grade Level(s): 11-12
Prerequisites: Students must attend a program orientation meeting offered in the spring prior to enrollment. Co-enrolled with ACC ASE 1003 and ACC ASE 1020. Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	ACC ASE 1001 - FALL - Auto Shop Orientation provides students with safety instruction in the shop and on the automobile. Emphasis is placed on the proper use and care of test equipment, precision measuring and machining equipment, gaskets, adhesives, tubing, wiring, jacks, presses, and cleaning equipment and techniques. ACC ASE 1003- FALL - Auto Maintenance I course addresses three primary areas of concern for the average car owner. The first is the basics of how various systems on the automobile work. The second is the maintenance required for the vehicle. The third is the financial concerns of owning the vehicle. ACC ASE 1020 - FALL - Basic Auto Electricity introduces vehicle electricity, basic electrical theory, circuit designs, and wiring methods. This course focuses on multimeter usage and wiring diagrams. This course meets MLR/AST/MAST requirements.		

ACC ASE 2050 - Auto Trans/Axle & ACC ASE 2064 - Intro to Auto HVAC (SPRING) (Auto Level 4) - (CE) (College Course)			
Course #(s): 69206 & 69207	Credit: 1.0 semester ☒ yearlong ☐	Fee Info: \$15, Cost of Books for each course	Grade Level(s): 11-12
Prerequisites: ACC ASE 1001, ACC ASE 1003, and ACC ASE 1020. Co-enrolled with ACC ASE 2064. Students enrolled in this course must be concurrently enrolled in ACC. Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	ACC ASE 2050 - SPRING - Automatic Transmission/Transaxle Service focuses on practical methods of maintaining, servicing and performing minor adjustments on an automatic transmission and transaxle. ACC ASE 2064 - SPRING - Covers basic operation of the Heating and Air Conditioning components.		

CTE MLR III (Automotive Technology V)(Auto Level 5) - (FALL)			
Course #(s): 79150301S1	Credit: 1.0 semester ☒ yearlong ☐	Fee Info: \$80/Semester	Grade Level(s): 12
Prerequisites: CTE MLR II with a grade of 60% or higher Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		CTE MLR III provides students with training in shop management practices including inventory controls, OSHA and EPA compliance, and the soft skills necessary to strong interpersonal skills. Please note this is a semester long, double block schedule course meeting 5 times per week.	

CTE MLR IV (Automotive Technology VI) (Auto Level 6) - (SPRING)			
Course #(s): 79150401S2	Credit: 1.0 semester ☒ yearlong ☐	Fee Info: \$80/Semester Cost of Books	Grade Level(s): 12
Prerequisites: CTE MLR III with a grade of 60% or higher Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		CTE MLR IV is a final class to prepare students for the auto repair industry and trade school. CTE MLR I through IV will be reviewed to reinforce basic knowledge and skills, then put to use by performing major repairs on vehicles. Please note this is a semester long, double block schedule course meeting 5 times per week.	

PHS Welding Course Offerings

CTE Introduction to Welding (Course #79130101)		
Level 1	9th - 12th Grade	1st OR 2nd semester

1st Semester Welding Courses (Fall) <i>See Course Descriptions for Prerequisite Information</i>	2nd Semester Welding Courses (Spring) <i>See Course Descriptions for Prerequisite Information</i>
CTE Welding Tech I A (Course#79130201S1) Level 2 10th - 12th Grade	CTE Welding Tech I B (Course #79130201S2) Level 3 10th - 12th Grade
CTE Welding Tech II A (Course#79130301S1) Level 4 11th - 12th Grade	CTE Welding Tech II B (Course#79130301S2) Level 5 11th - 12th Grade
CTE Welding Tech III A (Course#79130401S1) Level 6 11th - 12th Grade	CTE Welding Tech III B (Course#79130401S2) Level 7 11th - 12th Grade

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Welding Course Descriptions

CTE Introduction to Welding - Level 1

Course #(s): 79130101	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This introductory welding class teaches students the basics of Oxy-Acetylene welding and cutting, Wire Feed/Mig welding, SMAW (stick arc welding) and Plasma cutting. It also covers general and welding safety as well as general metal working procedures.		

CTE Welding Tech I A - Level 2 (FALL)

Course #(s): 79130201S1	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 10-12
Prerequisites: CTE Metal Working Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Welding Technology I A provides the foundational understanding of welding and welding processes. In this course students will learn industry based safety standards and become familiar with the following welding processes; Oxyacetylene torch cutting, plasma cutting, and advanced positions for GMAW and SMAW welding. Students will become familiar with basic blueprint reading, welding procedure specifications, weld symbols, welding related math and measurements.		

CTE Welding Tech I B - Level 3 (SPRING)

Course #(s): 79130201S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 10-12
Prerequisites: CTE Welding Tech 1 A Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Welding Technology I B provides the foundational understanding of welding and welding processes. In this course students will learn industry based safety standards and become familiar with the following welding processes; Oxyacetylene torch cutting, plasma cutting, and advanced positions for GMAW and SMAW welding. Students will become familiar with basic blueprint reading, welding procedure specifications, weld symbols, welding related math and measurements.		

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CTE Welding Tech II A - Level 4 (FALL)

Course #(s): 79130301S1	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$75/Semester	Grade Level(s): 11-12
Prerequisites: CTE Welding Tech I B Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Welding Technology II A students will be exposed to more advanced welding processes such as MIG/GMAW, as well as introduction to TIG welding. In addition, they will have the opportunity to refine from level 1 to a higher standard. Students will identify welding symbols on drawings, read detailed drawings, identify physical characteristics and mechanical properties of metal, explain pre and post heating of metals, identify equipment and filler metals utilized in GWAM as well as prepare test plates. Through the course of the year, the students will have the opportunity to create more advanced welding projects for the community as well as private individuals.		

CTE Welding Tech II B - Level 5 (SPRING)

Course #(s): 79130301S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$75/Semester	Grade Level(s): 11-12
Prerequisites: CTE Welding Tech II A Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Welding Technology II B students will be exposed to more advanced welding processes such as MIG/GMAW, as well as introduction to TIG welding. In addition, they will have the opportunity to refine from level 1 to a higher standard. Students will identify welding symbols on drawings, read detailed drawings, identify physical characteristics and mechanical properties of metal, explain pre and post heating of metals, identify equipment and filler metals utilized in GWAM as well as prepare test plates. Through the course of the year, the students will have the opportunity to create more advanced welding projects for the community as well as private individuals.		

CTE Welding Tech III A - Level 6 (FALL)

Course #(s): 79130401S1	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$75/Semester	Grade Level(s): 11-12
Prerequisites: CTE Welding Tech II B Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Welding Technology III A students will build upon their prior learning in Level II and can expect to engage in more advanced welding processes. These processes include advanced TIG welding including alloys such as aluminum and stainless steel, advanced blueprint reading, drawing and design, specifications, billing of materials, and Welding Procedure Specifications (WPS). Students will engage in advanced layout and fabrication processes to create projects for the community as well as private individuals.		

CTE Welding Tech III B - Level 7 (SPRING)			
Course #(s): 79130401S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$75/Semester	Grade Level(s): 11-12
Prerequisites: CTE Welding Tech III A Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Welding Technology III B students will build upon their prior learning in Level II and can expect to engage in more advanced welding processes. These processes include advanced TIG welding including alloys such as aluminum and stainless steel, advanced blueprint reading, drawing and design, specifications, billing of materials, and Welding Procedure Specifications (WPS). Students will engage in advanced layout and fabrication processes to create projects for the community as well as private individuals.		

PHS Construction Course Offerings

See Course Descriptions for Prerequisite Information

CTE Construction Tech (Course #79070201) <i>*formerly Basic Repair for Home & Apartment</i>		
Level 1	9th - 12th Grade	1st OR 2nd semester

CTE Carpentry Tech (Course #79070203) <i>*formerly Fundamentals of Carpentry</i>		
Level 2	9th - 12th Grade	1st OR 2nd semester

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Construction Course Descriptions

CTE Construction Tech (Basic Repair for Home & Apartment) Level 1

Course #(s): 79070201	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$45/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Construction Technology will provide students with the opportunity to learn essential skills to perform maintenance and repair tasks in a personal dwelling. In addition to general safety, the curriculum will include the following non-code topics: pouring and finishing a small concrete pad, laying wood flooring, setting tile, framing and finishing walls, basic wiring and electrical topics, introductory plumbing, and basic drywall finishing and repair.		

CTE Carpentry Tech (Fundamentals of Carpentry) Level 2

Course #(s): 79070203	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: CTE Construction Technology or Principles of Construction Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Carpentry Technology students will learn the fundamentals of safe tool use, construction materials, and scale drawing. These skills, along with carpentry techniques, are applied to the building of structures. The Primary focus of this class is learning the trade of commercial construction. Students will learn and build framing, roofing, concrete finishing and many other common skills used in the construction industry. Additionally, students will learn bidding projects and project management skills. Students will receive an OSHA 10 and an HBI Pact Core Certificate.		

PHS Woodworking Course Offerings

CTE Principles of Construction (Course #79070101) <i>*formerly Woodworking I</i>		
Level 1	9th - 12th Grade	1st OR 2nd semester
CTE Woodworking Technology A (Course #79070102S1) <i>*formerly Woodworking II</i>		
Level 2	9th - 12th Grade	1st OR 2nd semester
CTE Woodworking Technology B (Course #79070102S2) <i>*formerly Woodworking III</i>		
Level 3	10th - 12th Grade	1st OR 2nd semester

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Woodworking Course Descriptions

CTE Principles of Construction (Woodworking I) Level 1

Course #(s): 79070101 (offered S1 & S2)	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Principles of Construction serves as an introduction to woodworking methods, properties of wood and wood products, and a strong foundation for safe and effective use of woodworking tools and machinery. The areas covered in this course include wood finishing, lamination, wood identification, and safety. Projects include, but are not limited to, jewelry boxes, mallet making, wall shelves, chess and cutting boards.		

CTE Woodworking Tech A (Woodworking II) Level 2

Course #(s): 79070102S1 (offered S1 & S2)	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 9-12
Prerequisites: CTE Principles of Construction Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Woodworking Technology A is an advanced level course for individuals who are interested in progressing their woodworking skills and core knowledge. Emphasis will be placed on joinery, individual design and construction of a variety of projects, such as cabinetry and small furniture construction. Projects may include, but are not limited to: segmented bowl making, outdoor/indoor furniture, cabinet making, wall shelves and organizers.		

CTE Woodworking Tech B (Woodworking III) Level 3

Course #(s): 79070102S2 (offered S1 & S2)	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$40/Semester	Grade Level(s): 10-12
Prerequisites: CTE Principles of Construction and CTE Woodworking Technology A Graduation Requirement: Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit	Woodworking Technology B provides continuing instruction in woodworking with a blend of historic and modern technology skills. This course includes in-depth instruction of hand tools, power tools, custom made tools, advanced woodworking techniques, drafting and wood science. Students will be required to design and build a complex piece of furniture. In addition, students will be introduced to 21st century technology options that are and will be available in real-world situations.		

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Math Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
Algebra I	✓	✓	✓	
Algebra I Part I	✓	✓	✓	
Algebra I Part 2		✓	✓	✓
Applied Geometry		✓	✓	✓
Topics/Algebra/Geometry/Trigonometry		✓	✓	✓
Geometry	✓	✓	✓	✓
Honors Geometry	✓	✓	✓	
Algebra II			✓	✓
Algebra II with Trigonometry		✓	✓	✓
Honors Algebra II with Trigonometry	✓	✓	✓	✓
Data & Decisions				✓
Probability & Statistics				✓
High School College Algebra		✓	✓	✓
ACC MAT 1340 - College Algebra		✓	✓	✓
ACC MAT 1420 - College Trigonometry		✓	✓	✓
ACC MAT 1260 - Introduction to Statistics				✓
AP Precalculus		✓	✓	✓
AP Statistics				✓
AP Calculus AB			✓	✓
AP Calculus BC			✓	✓
ACC MAT 2430 - Calculus III & ACC MAT 2560 - Differential Equations				✓

“Mathematics takes us into the region of absolute necessity, to which not only the actual word, but every possible word, must conform.”

-Bertrand Russel

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Ponderosa High School Mathematics Course Pathways

- DCSD requires 3 years of mathematics credits to graduate, one of which must be Algebra 1 or higher. Most universities require 4 years of math credit for entrance.
- Please reference the course guide descriptions for specific prerequisites, fees, and grade requirements.
- **Students may move from one pathway to another depending on student needs, accomplishments, future plans, and teacher recommendations. There are many different options for students as they progress, so be sure to work with your math teacher or the Math Department Chair if you have questions about what is right for you.**
- *Classes in **GOLD** are Concurrent Enrollment classes with college credit offered through Arapahoe Community College (ACC). They are taught at Ponderosa with tuition paid for by the district. Students are responsible for any student fees and textbook purchase. *Students MUST have a GPA of 3.0 or pass the entrance exam to qualify for Concurrent Enrollment courses.*
- Classes in **BLUE** are Advanced Placement (AP) courses. Students can receive college credit for these courses upon successful completion of the AP exam taken near the end of Spring Semester.

Traditional Pathway			
Freshman	Sophomore	Junior	Senior
Algebra 1	Geometry	Algebra 2 w/Trig	Choose ONE of the following:
			Option 1 High School College Algebra
			Option 2 SEMESTER 1 *College Algebra (ACC MAT 1340) AND SEMESTER 2 *College Trig (ACC MAT 1420) OR *Intro to Statistics (ACC MAT 1260)
			Option 3 AP Statistics OR AP Precalculus

Advanced Pathway			
Freshman	Sophomore	Junior	Senior
Honors Geometry	Honors Algebra 2 w/Trig	AP PreCalculus	Choose ONE of the following:
			Option 1 AP Calculus AB
			Option 2 AP Calculus BC

Supported Pathway			
Freshman	Sophomore	Junior	Senior
Algebra 1 Part 1	Algebra 1 Part 2	Choose BOTH:	Choose ONE of the following:
		SEMESTER 1 Topics in Algebra/Geometry /Trigonometry AND SEMESTER 2 Applied Geometry	Option 1 Algebra 2
			Option 2 SEMESTER 1 Data & Decisions AND SEMESTER 2 Probability & Statistics

NOTE: Algebra 1 Part 1 and Part 2 are specifically designed for students who need math remediation. These courses each count as 1 math credit towards PHS graduation, and .5 NCAA math credit. By taking Algebra 1 Part 1, you are committing to take Algebra 1 Part 2 the following year. A TEACHER RECOMMENDATION AND DEPARTMENT CHAIR APPROVAL IS REQUIRED to enroll in this course.

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Math Course Descriptions

Algebra I			
Course #(s): 60400S1 & 60400S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 9-11
Prerequisites: 8th grade math Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 		Algebra I covers the following topics: operations with and use of variables; order of operations with real numbers; linear, exponential and quadratic relationships and inequalities; factoring; operations; operations with polynomials; exponents and radicals; basic probability and statistics. Students in this course should master these skills, along with a variety of other mathematical skills, necessary to move into a Geometry course.	

Algebra I Part 1			
Course #(s): 60380S1 & 60380S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 9-11
Prerequisites: 8th grade math, TEACHER RECOMMENDATION ONLY. Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 		Algebra I covers the following topics: operations with and use of variables; order of operations with real numbers; linear, exponential and quadratic relationships and inequalities; factoring; operations; operations with polynomials; exponents and radicals; basic probability and statistics. Students in this course should master these skills, along with a variety of other mathematical skills, necessary to move into a Geometry course. (NCAA recognizes this course as 0.5 Algebra credit)	

Algebra I Part 2			
Course #(s): 60385S1 & 60385S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 10-12
Prerequisites: Algebra I Part 1, TEACHER RECOMMENDATION ONLY. Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is a full year long course and students should register for both semesters. Successful completion of both Algebra I Part 1 and Part 2 will fulfill the Algebra I graduation requirement. In addition, completion of both Algebra I Part 1 and Algebra I Part 2 will count as one credit for CCHE and NCAA requirements. In this year-long course, students study the second half of Algebra I, continuing work with variables, real numbers, first and second degree equations and inequalities, factoring, polynomials, radicals, and graphing. (NCAA recognizes this course as 0.5 Algebra credit)		

Applied Geometry (Spring)			
Course #(s): 60525	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: Teacher recommendation only and must register with Topics/Algebra/Geometry/ Trigonometry (course #60340) Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit	The focus of this course is to build on the knowledge gained in Topics in Algebra/Geometry/Trigonometry including geometric foundations, measurement, and applications. Students will focus on polygon theorems, similar figures, right triangle trigonometry and volume of 3D figures. Students taking this course will use a variety of tools and techniques to communicate the reasoning involved in solving problems and continue to develop their skills learned in the first semester.		

Topics/Algebra/Geometry/Trigonometry (Fall)			
Course #(s): 60340S1	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: Teacher recommendation only, and must register with Applied Geometry (course #60525) Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit	This course is an extension of topics learned in algebra with introductions to and applied geometry, and will include basic concepts of trigonometry. Students will learn the basics of geometry including segment and angle theorems, reasoning, angle pair relationships and transformations. Students will also develop note-taking, studying and test-taking strategies.		

Geometry			
Course #(s): 60475S1 & 60475S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 9-12
Prerequisites: Algebra I Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is concerned with spatial relationships of two and three-dimensional figures. It is the study of mathematics by logical deduction, the construction of geometric figures, and applications to problem solving. Also included are topics from Algebra, an introduction to Trigonometry, and Statistics.		

Honors Geometry			
Course #(s): 899201S1 & 899201S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 9-11
Prerequisites: Algebra I and teacher recommendation Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	This is an accelerated Geometry course for students who want a challenging, fast-paced math course that will prepare them for math classes on the honors track. In addition to the topics in Geometry, Honors Geometry emphasizes the proof of geometric and algebraic properties, the construction of geometric figures with a compass, solving problems algebraically using geometric properties, and emphasizes real-world applications to geometric concepts.		

Algebra II			
Course #(s): 60440S1 & 60440S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 11-12
Prerequisites: Geometry Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	Students study algebraic equations and functions. Other topics include linear inequalities, systems of equations, polynomials, factoring, rational expressions, radicals, and solving quadratic equations. Real world applications are included.		

Algebra II with Trigonometry			
Course #(s): 60590S1 & 60590S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 10-12
Prerequisites: Geometry or teacher recommendation Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	This is a rigorous course for highly motivated students. It is a comprehensive study of functions, including linear and quadratic functions, exponential, logarithmic, rational and irrational algebraic functions, piecewise, periodic, and higher degree functions. It also includes complex numbers, sequences, series, and probability. The students will explore concepts using a TI-83/84 graphing calculator.		

Honors Algebra II with Trigonometry			
Course #(s): 899202S1 & 899202S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 9-12
Prerequisites: Honors Geometry or teacher recommendation Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	This is a rigorous course for highly motivated students. It is a comprehensive study of functions, including linear and quadratic functions, exponential, logarithmic, rational and irrational algebraic functions, piecewise, periodic, and higher degree functions. It also includes complex numbers, sequences, series, and probability. The students will explore concepts using a TI-83/84 graphing calculator.		

Data and Decisions			
Course #(s): 60305	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 12
Prerequisites: Geometry Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	The purpose of this course is to explore the meaning of statistics encountered in everyday life. The emphasis will be on understanding and interpreting, rather than computing, through exploration of real life situations that involve statistical concepts. This course is designed for Seniors. Strong analytical skills are necessary.		

Probability and Statistics			
Course #(s): 60775	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 12
Prerequisites: Geometry Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	Students will study topics in probability and statistics, including experimental design and presentation and interpretation of data. Strong analytical skills are necessary.		

High School College Algebra			
Course #(s): 60570S1 & 60570S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TI-83/84 Graphing Calculator	Grade Level(s): 10-12
Prerequisites: Algebra II Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	In this course students study algebraic functions and their graphs (linear, quadratic, cubic, exponential, logarithmic, and absolute value). Other topics may include series and sequences, conic sections, matrices, probability and statistics.		

ACC MAT 1340 - College Algebra - (FALL) (CE) (College Course)			
Course #(s): 69030	Credit: 1.0 semester ☒ yearlong ☐	Fee Info: Cost of Book, TI-83/84 Graphing Calculator	Grade Level(s): 10-12
Prerequisites: Successful completion of Algebra II with Trigonometry and either 3.0 GPA or pass the College Accuplacer for math. Students must be concurrently enrolled in ACC. Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	ACC MAT 1340- Focuses on a variety of functions and the exploration of their graphs. Topics include: equations and inequalities, operations on functions, exponential and logarithmic functions, linear and nonlinear systems, and an introduction to conic sections. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. This is a statewide Guaranteed Transfer course in the GT-MA1 category. **<u>Graduation Competency Eligible</u> - A passing grade in this course will satisfy the graduation competency requirement for math.		

ACC MAT 1420 - College Trigonometry - (SPRING) (CE) (College Course)			
Course #(s): 69032	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: Cost of Book, TI-83/84 Graphing Calculator	Grade Level(s): 10-12
Prerequisites: Successful completion of Algebra 2 with Trigonometry and either 3.0 GPA or pass the College Accuplacer for math. Students must be concurrently enrolled in ACC. Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	ACC MAT 1420 - Explores trigonometric functions, their graphs, inverse functions and identities. Topics include: trigonometric equations, solutions of triangles, trigonometric form of complex numbers, and polar coordinates. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. This is a statewide Guaranteed Transfer course in the GT-MA1 category. **<u>Graduation Competency Eligible</u> - A passing grade in this course will satisfy the graduation competency requirement for math.		

ACC MAT 1260 - Introduction to Statistics (CE) (CollegeCourse)			
Course #(s): 690135	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$95 Cost of Book, TI-83/84 Graphing Calculator	Grade Level(s): 12
Prerequisites: Successful completion of Algebra II with Trigonometry and either 3.0 GPA or pass the College Accuplacer for math. Students must be concurrently enrolled in ACC. Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	ACC MAT 1260 - Includes data presentation and summarization, introduction to probability concepts and distributions, statistical inference-estimation, hypothesis testing, comparison of populations, correlation and regression. This is a statewide Guaranteed Transfer course in the GT-MA1 category. **<u>Graduation Competency Eligible</u> - A passing grade in this course will satisfy the graduation competency requirement for math.		

AP Precalculus			
Course #(s): 60612S1 & 60612S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$98 AP Exam Fee, TI-83/84 Graphing Calculator	Grade Level(s): 10-12
Prerequisites: Algebra II with Trigonometry Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	Students study the topics as outlined by College Board listed in the AP Pre Calculus Course and Exam Description (Course at a Glance). AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students are expected to take the AP Exam for college credit. **<u>Graduation Competency Eligible</u> - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.		

AP Statistics			
Course #(s): 60801S1 & 60801S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$98 AP Exam Fee, TI-83/84 Graphing Calculator	Grade Level(s): 12
Prerequisites: Algebra II with Trigonometry, Precalculus with Trigonometry, or AP Calculus AB Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit  		Students study the topics as outlined by College Board listed in the AP Statistics Course and Exam Description (Course at a Glance). The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to broad conceptual themes such as: exploring data, sampling and experimentation design, anticipating patterns, and statistical inference. Students are expected to take the AP Exam for college credit. **Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.	

AP Calculus AB			
Course #(s): 60625S1 & 60625S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$98 AP Exam Fee, Cost of Book, TI-83/84 Graphing Calculator	Grade Level(s): 11-12
Prerequisites: Precalculus with Trigonometry Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 		Students study the topics listed as outlined by College Board listed in the AP Calculus AB Course and Exam Description (Course at a Glance). Major topics covered include differentiation, indefinite and definite integration, and problem solving involving calculus concepts. This course is the equivalent of one semester of a college calculus course and leads to the national AP exam in May. **Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.	

AP Calculus BC			
Course #(s): 60650S1 & 60650S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$98 AP Exam Fee, Cost of Book, TI-83/84 Graphing Calculator	Grade Level(s): 11-12
Prerequisites: Calculus A or AP Calculus AB Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit  		Students study the topics listed as outlined by College Board listed in the AP Calculus BC Course and Exam Description (Course at a Glance). Major topics covered include differentiation, indefinite and definite integration, and problem solving involving calculus concepts, and sequence and series and their applications. This course is the equivalent of one semester of a college calculus course and leads to the national AP exam in May. **Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.	

ACC MAT 2430 - Calculus III - (FALL) (CE) & ACC MAT 2560 - Differential Equations - (SPRING) (CE) (College Course)			
Course #(s): 69225 & 69227	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: ACC Cost of Book	Grade Level(s): 12
Prerequisites: AP Calculus BC or AP Calculus AB with teacher recommendation. Students must be concurrently enrolled in ACC. Graduation Requirement: Math ☒ May be taken only once for credit ☐ May be repeated for credit 	Calculus III is a semester-long course that represents the continuation of the calculus sequence. It is a systematic approach to the understanding of multivariable calculus. Topics include: vectors and vector valued functions, functions of several variables, multiple integrals, and vector analysis. This is a statewide Guaranteed Transfer course in the GT-MA1 category. Differential Equations is a semester-long course that further represents the continuation of the calculus sequence. Differential equations are widely used as a tool for modeling diverse phenomena ranging from population growth to elementary particles. Topics include first order equations, linear equations with constant coefficients, higher order equations, Laplace transforms, and systems of equations and applications. This is a statewide Guaranteed Transfer course in the GT-MA1 category. These courses are offered through ACC so students will need to travel to the Parker ACC campus to take the course.		

Performing Arts Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
AP Music Theory (not offered 2026-2027)		✓	✓	✓
Music Theory		✓	✓	✓
Symphonic/Marching Band	✓	✓	✓	✓
Orchestra	✓	✓	✓	✓
Jazz Ensemble	✓	✓	✓	✓
Percussion Tech (Spring)	✓	✓	✓	✓
Concert Band (Fall)	✓	✓	✓	✓
Guitar I	✓	✓	✓	✓
Guitar II	✓	✓	✓	✓
Piano I (max 24 students)	✓	✓	✓	✓
Piano II (max 20 students)	✓	✓	✓	✓
Tenor/Bass Choir	✓	✓	✓	✓
Treble Choir	✓	✓	✓	✓
Select Treble Choir		✓	✓	✓
Pegasus Choir		✓	✓	✓
Jazz Choir		✓	✓	✓
Tech Theatre I	✓	✓	✓	✓
Tech Theatre II	✓	✓	✓	✓
Tech Theatre III		✓	✓	✓
Theatre I	✓	✓	✓	✓
Theatre II	✓	✓	✓	✓
Theatre III		✓	✓	✓
Theatre Production Ensemble			✓	✓
Mass Media Video Production I (Film)	✓	✓	✓	✓
Mass Media Video Production II (Film)	✓	✓	✓	✓

Ponderosa Performing Arts is a community for you to create, perform, and connect. To learn more about the courses, pathways, and extracurricular opportunities offered by the Ponderosa Performing Arts Department, [click here](#).

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Performing Arts Course Descriptions

Music Theory			
Course #(s): 70660	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$12 Book Fee	Grade Level(s): 10-12
Prerequisites: Concurrent enrollment in a core music ensemble or instructor approval Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This class is meant for music students wishing to develop a deeper understanding of the mechanics of music. Students will study the fundamentals of music such as rhythm, melody, harmony, form, structure, and instrumentation. A strong background in reading music is highly recommended.	

AP Music Theory			
Course #(s): 70659S1 & 70659S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$98 AP Exam Fee	Grade Level(s): 10-12
Prerequisites: Successful completion of Music Theory class with a B grade or higher, music note reading experience, and/or instructor approval. Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		AP Music Theory is an introductory college-level music theory course. Students cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design. This class will simulate the first few semesters of a college Music Theory course. Not offered in the 2026-2027 school year.	

Symphonic/Marching Band			
Course #(s): 70325S1 & 70325S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Marching Band Activity Fee, Instrument Rental Fee (as applicable)	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Symphonic/Marching Band is the primary band ensemble at Ponderosa High School and is open to all students who play woodwind, brass, or percussion instruments. Select students may also participate in Color Guard during the marching season, adding visual performance elements to the ensemble's shows. Throughout the year, the course emphasizes the development of overall musicianship, instrumental technique, and ensemble performance skills. The course curriculum is marching band-focused through October, providing students with the skills and experience needed for field performances, parades, and competitions. After October, the ensemble transitions back to a traditional concert band setting, allowing students to perform a wide range of challenging and engaging wind band repertoire. Students will have multiple performance opportunities, and attendance at all concerts and performances is required. Marching Band participation can also count for P.E. credit. Select instruments may be available for rent. Percussion students should register for fall Symphonic/Marching Band (70325S1) and spring Percussion Tech (70400S2) to ensure full ensemble experience and technical development.		

Orchestra			
Course #(s): 70460S1 & 70460S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$10 Method Book Fee, Instrument Rental Fee (as applicable)	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	String Orchestra is for violin, viola, cello, and bass students who want to study and perform traditional and contemporary orchestral music. Open to all grade levels, this ensemble focuses on developing strong technical foundations, refined tone production, and expressive musicality. Students will explore repertoire from all major style periods, gaining experience with a wide range of musical cultures and genres. This is a performance-based course, and participation in all scheduled concerts is a required part of the curriculum. Select instruments may be available for rent.		

Jazz Ensemble			
Course #(s): 70375S1 & 70375S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$10 Method Book Fee, Instrument Rental Fee (as applicable)	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Jazz Ensemble offers students the opportunity to study and perform both traditional and contemporary jazz while developing strong fundamentals in rhythm, style, and improvisation. Through rehearsals and performances, students will explore a wide range of musical styles including swing, bebop, latin jazz, funk, and more. Emphasis is placed on listening, creativity, and learning the language of jazz through both written music and ear training. Because Jazz Ensemble is a performance-based class, attendance at all concerts and scheduled performances is mandatory. Concurrent enrollment in a core music ensemble (such as Marching Band, Symphonic Band, or Orchestra) is highly encouraged, as it supports students' overall musical development and strengthens their skills within the jazz setting. Select instruments may be available for rent.		

Percussion Tech (Spring)			
Course #(s): 70400S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: Students will need to make a one time purchase of their own percussion essentials kit (approx. \$45)	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Percussion Tech is a spring semester course designed to be paired with fall Symphonic/Marching Band. This course provides in-depth study of percussion methods and techniques, helping students develop proficiency on mallet, auxiliary, and stick-based instruments. Students will refine technical skills, improve musicality, and expand their versatility as percussionists. Participation in all spring Symphonic Band concerts is required, and attendance at every performance is a key component of the course. All percussionists should register for fall Symphonic/Marching Band (70325S1) and spring Percussion Tech (70400S2).		

Concert Band (Fall)			
Course #(s): 70355S1	Credit: .05 semester ☒ yearlong ☐	Fee Info: \$10 Method Book Fee, Instrument Rental Fee (as applicable)	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Concert Band is an alternative ensemble for students who are unable to participate in the fall Symphonic/Marching Band. While this class offers a flexible option for those with schedule conflicts, incoming students are strongly encouraged to register for fall Symphonic/Marching Band whenever possible. In Concert Band, students will continue building strong musicianship and technical skills through the study and performance of music from a wide range of cultures, styles, and historical periods. The ensemble regularly rehearses essential wind ensemble repertoire, helping students grow as well-rounded performers. This is a performance-based course, and participation in all scheduled concerts is a required part of the curriculum. Select instruments may be available for rent. Fall Semester only. Students will also need to register for Spring Symphonic Band (70325S2).		

Guitar I			
Course #(s): 70487	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: Instrument rental/repair costs as needed	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course is designed for the student with little or no guitar experience. Basic guitar skills including reading music, chords, strumming patterns, and tablature will be taught. Students must provide their own acoustic guitar. Students should have little or no previous guitar background. If you have already taken a guitar class/private lessons and are familiar with the chords of D/G/A/E/C/Em/Am/F and notes from 16th thru whole notes, please sign up for Guitar II.		

Guitar II			
Course #(s): 70488	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: Instrument rental/repair costs as needed	Grade Level(s): 9-12
Prerequisites: Guitar I or instructor approval Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		Guitar II is for the intermediate to advanced guitar student. The course will focus on different styles of guitar playing and emphasize the various techniques that guitarists use in the music world. Students will get the opportunity to perform in class individually and with each other.	

Piano I			
Course #(s): 70485	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$35 Workbook Fee	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is designed as a beginning piano class. This one semester class includes individual and class instruction. Adequate time is allotted during class for practice. Emphasis is on correct piano technique, basic music notation, and development of repertoire. Students should have little or no previous piano background. If you have already taken a piano class/private lessons and are familiar with Keys of C/F/G and notes from 16th through whole notes, please sign up for PIANO II.	

Piano II			
Course #(s): 70486	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$25 Cost of Book	Grade Level(s): 9-12
Prerequisites: Successful completion of Piano I and/or instructor approval Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is intended for experienced students already capable of note playing and chord playing. Thru keys of C/F/G. Students will build upon basic knowledge learned in Piano I or private lessons by exploring specific keyboard styles and techniques, more advanced structures, and small group playing. If you have already taken a piano class/private lessons and are familiar with Keys of C/F/G and notes from 16th through whole notes, please sign up for PIANO II.	

Tenor/Bass Choir			
Course #(s): 70513 & 70513XX	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Performance Attire	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Tenor/Bass choir is an entry-level singing group. This is a semester-long course open to all tenor/bass voices, grades 9-12. The fundamentals of good vocal technique and choral performance will be covered through the study of many different styles of music. Emphasis will be placed on experiencing the excitement of performance during concerts held throughout the school year.		

Treble Choir			
Course #(s): 70512S1 & 70512S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Performance Attire	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Treble Choir is an entry-level singing group. This is a year-long course open to all treble voices, grades 9-12; The fundamentals of good vocal technique and choral performance will be covered through the study of many different styles of music. Emphasis will be placed on experiencing the excitement of performance during concerts held throughout the school year.		

Select Treble Choir			
Course #(s): 70550S1 & 70550S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Performance Attire	Grade Level(s): 10-12
Prerequisites: Audition and teacher approval Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	Select Treble Choir is composed of intermediate choir students selected through auditions based upon technical and aesthetic qualities. This choir performs classical, jazz, and show music at various concerts. Rehearsals and performance schedules are a part of the class.		

Pegasus Choir			
Course #(s): 70551S1 & 70551S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Performance Attire	Grade Level(s): 10-12
Prerequisites: Audition and teacher approval Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		This select mixed choir is composed of 16-24 advanced choir students selected through auditions based upon voice quality and development, interest in performance at an advanced level, and musicianship. Pegasus performs choral, classical, jazz and popular music at various concerts, festivals, contests and community group events throughout the state and nation. Rehearsal and performance schedules require extracurricular commitment.	

Jazz Choir			
Course #(s): 70615S1 & 70615S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 10-12
Prerequisites: Audition and teacher approval. Must be concurrently enrolled in another large performing choir Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit		This course is for 12-18 singers and rhythm section. The emphasis of the course is to expose these students to the professional standards of vocal jazz in the area of literature, basic musical knowledge, and proper stylization for performing for public audiences. There will be extra sectional rehearsals required. Concurrent membership in another performance ensemble is required. Participation in all performances is required.	

Tech Theatre I			
Course #(s): 70780	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This semester-long course offers students the opportunity to participate in phases of stagecraft activities. Course work may include the following: scenery construction, costumes, stage lighting, make-up, sound, publicity, design, theatre organization management, and maintenance. Students will learn practical skills as well as contribute to the technical elements of the extracurricular productions (no after-school participation required.)	

Tech Theatre II			
Course #(s): 70795	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 9-12
Prerequisites: Tech Theatre I Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This is a course designed for students to practically implement skills learned in Tech I. Advanced scene design, lighting, sound, stagecraft, make-up, and costume techniques will be explored. Students will create and carry out their own theatrical elements and designs as well as contributing to the after-school productions and advanced class one-acts (during class). Completion or current enrollment of this course will be required in order to be selected as a crew head or technical director for productions.	

Tech Theatre III			
Course #(s): 70792S1 & 70792S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$30/Semester	Grade Level(s): 10-12
Prerequisites: Tech Theatre II Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This year-long course will allow students to learn and apply leadership and management skills related to the technical theatre field. This class focuses on self-motivation and inspiration to take previously attained technical knowledge of the crew and designer to the next level of professionalism. Students will work to develop artistic and conceptual design skills within their chosen area of study. Upon completion of this course, students should have the knowledge, skills and materials (such as portfolios) to apply for jobs within a technical theatre career. This course will be connected to participation/leadership within after-school productions and end-of-year one acts.	

Theatre I			
Course #(s): 70700	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This semester-length course offers the opportunity for a variety of performance experiences, which include but are not limited to ensemble building, acting fundamentals, character development, monologues, scene work, and improvisation. Major emphasis of the class is on developing beginning acting skills, confidence, and self awareness in theatre.	

Theatre II			
Course #(s): 70710	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 9-12
Prerequisites: Theatre I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course extends development of acting skills and digs deeper into methods and personal goals as an actor. Coursework may include but is not limited to the following: scene work, monologues, prop work, play and character analysis, auditioning, and Shakespeare.		

Theatre III			
Course #(s): 70720S1 & 70720S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$30/Semester	Grade Level(s): 10-12
Prerequisites: Theatre II Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit	This course emphasizes the development of higher level acting skills. Coursework includes, but is not limited to: directing, theatre history and styles, and advanced acting techniques. This class culminates in public student-directed one-act performances at the end of the year.		

Theatre Production Ensemble			
Course #(s): 70755S1 & 70755S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$30/Semester	Grade Level(s): 11-12
Prerequisites: Teacher signature required Graduation Requirement: Fine Arts ☐ May be taken only once for credit ☒ May be repeated for credit	This approval-only course is for the advanced theatre student. Students will develop advanced production techniques and leadership skills. Play production is the core of this class. Students will work on personal goals, explore the creation of theatre and storytelling, write an original short play, and present a student-directed one-act at the end of the year. Students will select and support the after-school children's show-leadership (director, tech director, and producers) will be selected from this class.		

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Mass Media Video Production I (Film)			
Course #(s): 70899S1	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is designed to acquaint students with key aspects of video and film production. The emphasis is on storytelling, production techniques, and editing with authentic media projects such as music videos and a variety of short films.	

Mass Media Video Production II (Film)			
Course #(s): 70899S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Mass Media Video Production I Graduation Requirement: Fine Arts ☒ May be taken only once for credit ☐ May be repeated for credit		This course is designed to cover advanced elements of video production. Students will master and explore the principles, mechanics, techniques, tools, processes, and aesthetics of video production and script writing for short films. In addition, students will work on submissions for film festivals.	

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Physical Education Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
Advanced Dance	✓	✓	✓	✓
Advanced Team Sports			✓	✓
Athletic Training I		✓	✓	✓
Athletic Training II		✓	✓	✓
Beginning Dance	✓	✓	✓	✓
Individual Sports	✓	✓	✓	✓
Peer Coach/Adaptive PE	✓	✓	✓	✓
Power Weights		✓	✓	✓
Shape Up	✓	✓	✓	✓
Strength & Conditioning	✓	✓	✓	✓
Team Sports	✓	✓		

“Leave all the afternoon for exercise and recreation, which are as necessary as reading. I will rather say more necessary, because health is worth more than learning.”

-Thomas Jefferson

Physical Education Course Descriptions

Advanced Dance			
Course #(s): 75460	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20/Semester	Grade Level(s): 9-12
Prerequisites: Strong dance background or teacher approval Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course is designed for students who have a strong studio dance background. Dance units include jazz, lyrical and funk. Students will learn more advanced elements and combinations, choreographed dance patterns and will lead warm-ups, teach dances and choreograph their own dances.	

Advanced Team Sports - (FALL)			
Course #(s): 75480	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course will offer a variety of sports as well as lifetime skills. The components of fitness (cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition) will be implemented daily.	

Advanced Team Sport - (SPRING)			
Course #(s): 75480XX	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course will offer a variety of sports as well as lifetime skills. The components of fitness (cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition) will be implemented daily.	

Athletic Training I			
Course #(s): 75330	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 10-12
Prerequisites: None Graduation Requirement: Physical Education ☒ May be taken only once for credit ☐ May be repeated for credit		This course is designed for students interested in athletic training, accident prevention, injury evaluation, first aid care and CPR.	

Athletic Training II			
Course #(s): 75340	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$30/Semester	Grade Level(s): 10-12
Prerequisites: Successful completion of Athletic Training I, instructor approval Graduation Requirement: Physical Education ☒ May be taken only once for credit ☐ May be repeated for credit		This course builds on the concepts learned in Athletic Training I. Students will develop advanced techniques of athletic training and gain further knowledge of how to recognize and treat athletic injuries.	

Beginning Dance			
Course #(s): 75453	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course is designed to introduce students to various dance forms. Dance units primarily include jazz, lyrical and funk. Students will be required to learn basic dance elements and choreographed dance patterns.	

Individual Sports - (FALL)			
Course #(s): 75313	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course is for all ability levels who are interested in a variety of lifetime sports and the continued involvement in lifetime fitness.	

Individual Sports - (SPRING)			
Course #(s): 75310XX	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course is for all ability levels who are interested in a variety of lifetime sports and the continued involvement in lifetime fitness.	

Peer Coach/Adaptive PE			
Course #(s): 75477	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Application & instructor approval Graduation Requirement: Physical Education ☒ May be taken only once for credit ☐ May be repeated for credit		This class offers a unique opportunity for students to work with physically or health challenged peers enrolled in the Adaptive P.E. class on an individual or small group basis through the enjoyment of team and individual sport activities. Peer coaches will have the opportunity to research and experience various disabilities while collaborating to create lessons to deliver to the class. Application	

Power Weights - (FALL)			
Course #(s): 75376	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 10-12
Prerequisites: Strength And Conditioning Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This is an advanced weight training class intended to prepare students for athletic competition. It is designed to help students who are in-season and out-of-season with sport specific training.	

Power Weights - (SPRING)			
Course #(s): 75376XX	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$50/Semester	Grade Level(s): 10-12
Prerequisites: Strength And Conditioning Graduation Requirement: Physical Education ☒ May be taken only once for credit ☐ May be repeated for credit		This is an advanced weight training class intended to prepare students for athletic competition. It is designed to help students who are in-season and out-of-season with sport specific training.	

Shape Up -(FALL)			
Course #(s): 75322	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course is administered in a group exercise format. Students will learn various ways to exercise and improve overall fitness and health. Hi-low aerobics, hip hop aerobics, salsa aerobics, step aerobics, weight training, yoga, and tabata will be taught. Additionally, students will learn the components of fitness along with the principles of each and how lack of exercise and poor nutrition can affect their overall health.	

Shape Up - (SPRING)			
Course #(s): 75322XX	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit	This course is administered in a group exercise format. Students will learn various ways to exercise to improve overall fitness and health. Hi-low aerobics, hip hop aerobics, salsa aerobics, step aerobics, weight training, yoga, and tabata will be taught. Additionally, students will learn the components of fitness along with the principles of each and how lack of exercise and poor nutrition can affect their overall health.		

Strength & Conditioning - (FALL)			
Course #(s): 75360	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit	This is a beginning weight training class which focuses on health related fitness development in the areas of flexibility, strength training, speed, agility, quickness and cardiovascular endurance.		

Strength & Conditioning - (SPRING)			
Course #(s): 75360XX	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20/Semester	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit	This is a beginning weight training class which focuses on health related fitness development in the areas of flexibility, strength training, speed, agility, quickness and cardiovascular endurance.		

Team Sports - (FALL)			
Course #(s): 75302	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-10
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course will offer a variety of sports as well as lifetime skills. The components of fitness (cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition) will be implemented daily.	

Team Sports - (SPRING)			
Course #(s): 75300XX	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-10
Prerequisites: None Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit		This course will offer a variety of sports as well as lifetime skills. The components of fitness (cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition) will be implemented daily.	

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Science Courses

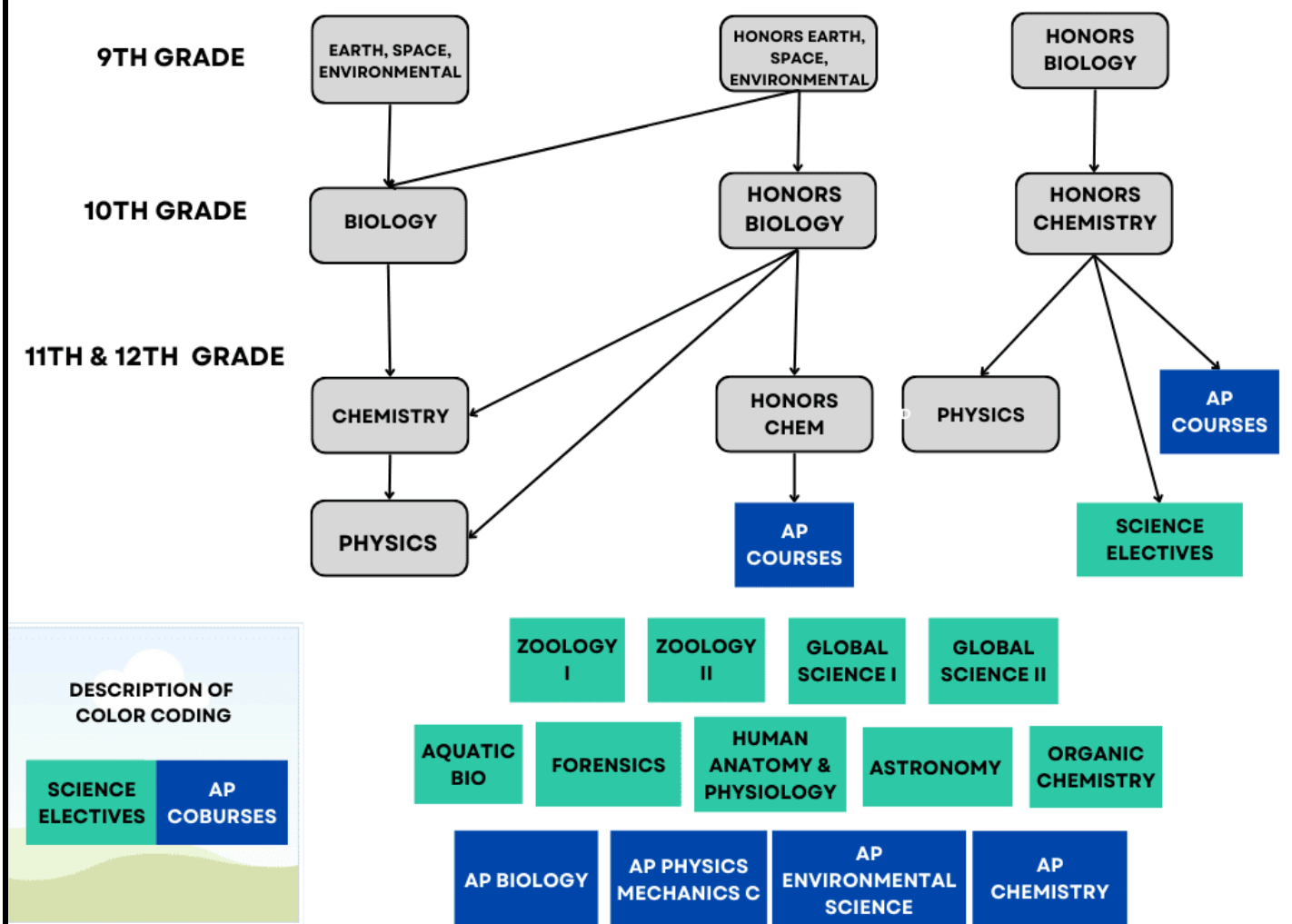
Course Title	9th Grade	10th Grade	11th Grade	12th Grade
AP Biology			✓	✓
AP Chemistry			✓	✓
AP Environmental Science			✓	✓
AP Physics C - Mechanics			✓	✓
Aquatic Biology			✓	✓
Astronomy		✓	✓	✓
Biology - 10 Grade		✓		
Honors Biology	✓	✓		
Chemistry		✓	✓	✓
Earth, Space & Environmental Science	✓			
Forensic Science		✓	✓	✓
Global Science			✓	✓
Honors Chemistry		✓	✓	✓
Honors Earth, Science & Environmental Science	✓			
Human Anatomy & Physiology			✓	✓
Organic Chemistry			✓	✓
Physics			✓	✓
Zoology		✓	✓	✓
Zoology II		✓	✓	✓

“Science is a way of thinking much more than it is a body of knowledge.”

-Carl Sagan

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SCIENCE PROGRESSIONS



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Science Course Descriptions

AP Biology

Course #(s): 80365S1 & 80365S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$10 Lab Fee, Cost of Books, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Successful completion of Algebra II, Biology or Honors Biology, and Chemistry or Honors Chemistry Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit  	This course is designed to be the equivalent of a college freshman biology course. Concepts studied include biochemistry, cells, heredity, molecular genetics, evolutionary biology, biodiversity, and ecology. Laboratory activities are an important aspect of the course. Students will be expected to take the AP Biology exam. **Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.		

AP Chemistry

Course #(s): 80400S1 & 80400S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Books, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Successful completion of Chemistry or Honors Chemistry Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit  	This course is designed to be equivalent to a freshman college level chemistry course both conceptually and in the laboratory and is very demanding in both time and effort required. Topics covered in this course include: types of matter, reaction types, equilibrium, kinetics and thermodynamics. Lab work is a large part of the class. The course will go into more detail of the basic principles of chemistry that were learned during general chemistry. The class will emphasize chemical calculations, mathematical formulation of chemical principles, stoichiometry, gasses, bonding, kinetics, equilibrium, acids and bases, thermochemistry, electrochemistry, and organic chemistry. This course will also include advanced laboratory work which may require outside class time. Students are expected to take the AP Chemistry exam. Purchase of an AP Review book will also be recommended. Extensive outside class time will be necessary for successful completion in this class. **Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.		

AP Environmental Science			
Course #(s): 80370S1 & 80370S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Books, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Successful completion of one year of life science, one year of physical science, and a minimum of Algebra I.		Students cultivate their understanding of the interrelationships of the natural world through inquiry based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.	
Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit  		**Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.	

AP Physics C - Mechanics			
Course #(s): 80655S1 & 80655S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Books, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: Chemistry and co-enrollment in AP Calculus BC <u>OR</u> the completion of AP Calculus AB (or higher)		This course is designed to be equivalent to a freshman college level physics course both conceptually and in the laboratory and is very demanding in both time and effort required. It is highly recommended that students have a TI-83 (or newer) graphing calculator. Topics include the motion of particles, forces, work, energy, collisions, rotation, rolling, torque, angular momentum, gravitation, and oscillations. Calculus will be used extensively. Students are expected to take the AP Physics C Mechanics Exam.	
Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit  		**Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.	

Aquatic Biology			
Course #(s): 80475	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$10 Fee	Grade Level(s): 11-12
Prerequisites: Successful completion of Biology, teacher recommendation Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 		Aquatic Biology is a course designed to acquaint students with the biology and ecology of freshwater and/or marine environments. The course is designed for the student who has a general interest in science. Students will study the ecological importance and interrelations of aquatic organisms. Laboratory investigations and multiple dissections will be performed.	

Astronomy			
Course #(s): 80600	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$5 Fee	Grade Level(s): 10-12
Prerequisites: Earth, Space, and Environmental Science, Recommendation required if student is in 10th grade and/or has not passed biology Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 		This lab-based course includes the motion of celestial objects, planets, moons, stars, galaxies, and cosmology, the study of our place in the universe. The materials draws upon the student's current knowledge of earth science and chemistry. Much of the course requires students to apply lab and graphing skills with a strong understanding of basic algebraic concepts.	

Biology			
Course #(s): 80350S1 & 80350S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$10 Fee	Grade Level(s): 10
Prerequisites: 9th Grade Science Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	Biology is a laboratory course. It is the study of living organisms, their life processes and their relationship with the environment. Students develop an understanding of the process of biology through science inquiry. Topics studied may include, but are not limited to: Nature of Science, Cell, Bioenergetics, Homeostasis, Biodiversity, Genetics and Evolution, and Ecology.		

Honors Biology			
Course #(s): 899300S1 & 899300S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$10 Fee	Grade Level(s): 9-10
Prerequisites: Co-enrollment in Algebra I or higher Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is designed to prepare students for AP (Advanced Placement) courses. Students will be expected to successfully investigate and perform higher cognitive demands tasks that maintain the complexity of the discipline. They must make a commitment to put forth the required effort to move from acquisition to application of knowledge at a faster pace, with greater depth, and increasing complexity. Honors Biology is a laboratory course. It is the study of living organisms, their life processes and their relationship with the environment. Students develop an understanding of the process of biology through science inquiry. Topics studied may include, but are not limited to: Nature of Science, Cell, Bioenergetics, homeostasis, Biodiversity, Genetics and Evolution, Ecology. Honors Biology and Biology will study the same topics, but the sequence may be different. It is not recommended to make a level change mid-year as this will create gaps and overlaps in the student's learning.		

Chemistry			
Course #(s): 80375S1 & 80375S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$10 Goggle Fee Scientific Calculator (TI-84 or similar) recommended	Grade Level(s): 10-12
Prerequisites: Biology or Honors Biology and Algebra I Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	Chemistry at Ponderosa is a rigorous course that prepares students for college level science. Chemistry covers the broad concepts upon which modern chemistry rests including the mathematics of science, atomic structure, naming and writing formulas, chemical reactions, stoichiometry, gas laws, periodicity, bonding, kinetics and equilibrium, solutions and concentrations, acids and bases, with possible enrichment in: redox, thermochemistry, nuclear chemistry, and organic chemistry/biochemistry. Laboratory work is an essential part of the course requiring extensive data analysis. Extensive time outside of class is required to be successful in this course.		

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Earth, Space & Environmental Science - ESE - Grade 9			
Course #(s): 80325S1 & 80325S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$5 Goggle Fee	Grade Level(s): 9
Prerequisites: None Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	Earth, Space, & Environmental Science is a High School Level course in which students will investigate essential learnings related to cycles, systems, and energy flow related to the topics: geology, weather, astronomy, natural resources, physics, and chemistry. The relationship between these earth systems and living systems will be explored so that students will be able to make informed decisions regarding the use and care of the resources the earth provides.		

Forensic Science			
Course #(s): 80420	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$10 Fee	Grade Level(s): 10-12
Prerequisites Biology with teacher recommendation or successful completion of Chemistry. Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	In this upper level science elective, students will learn how forensic scientists process evidence and analyze their findings in the context of crime scene investigation. Topics include fingerprinting analysis, serology and blood analysis, human remains, hair and fiber analysis, toxicology, and questioned document analysis. This is a laboratory-based science class. We will also have guest speakers in the field.		

Global Science			
Course #(s): 80624S1 & 80624S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 11-12
Prerequisites: Biology Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	Global Science is an integrated science course combining life, earth, and physical science topics in a lab-based and inquiry-driven environment enriched by basic chemistry and physics principles. Students will apply data collected in laboratory investigations to understand and interpret the scientific and social challenges of the future. This course is recommended for students that are deficient in Science credits in order to graduate. Students that have successfully completed Chemistry or Physics are NOT eligible to enroll in this course.		

Honors Chemistry			
Course #(s): 899302S1 & 899302S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$10 Goggle Fee	Grade Level(s): 10-12
Prerequisites: Biology or Honors Biology and Algebra I Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is designed to prepare students for AP (Advanced Placement) courses. Students will be expected to successfully investigate and perform higher cognitive demand tasks that maintain the complexity of the discipline. They must make the commitment to put forth the required effort to move from acquisition to application of knowledge at a faster pace, with greater depth, and increasing complexity. Honors Chemistry covers the broad concepts upon which modern chemistry rests, including the mathematics of science, atomic structure (periodicity, bonding) chemical nomenclature, chemical reactions, stoichiometry, gases, kinetics and equilibrium, acids and bases, Energy processes (electrochemistry, thermochemistry, nuclear chemistry). Laboratory work is an essential part of the course requiring extensive data analysis. Transfer at semester time to different levels of Chemistry will not be recommended due to gaps and overlaps in the curriculum. Extensive outside class time will be required to be successful in this course.		

Honors Earth, Space & Environmental Science - ESE - Grade 9			
Course #(s): 899301S1 & 899301S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$5 Goggle Fee	Grade Level(s): 9
Prerequisites: Students must have an A in 8th grade science class and be recommended by an 8th grade science teacher. This class is for high-achieving students who cannot take Honors Biology due to the math requirement. Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is designed to prepare students for AP (Advanced Placement) courses. Students will be expected to successfully investigate and perform higher cognitive demand tasks that maintain the complexity of the discipline. They must make the commitment to put forth the required effort to move from acquisition to application of knowledge at a faster pace, with greater depth, and increasing complexity. Honors Earth/Environmental Science is a course in which students will master concepts related to earth, atmosphere, and oceans. Important science ideas, such as cycles, systems, and energy flow will be applied to the study of topics including geology, weather, astronomy, and natural resources. The relationship between these earth systems and living systems will be explored so that students will be able to make informed decisions regarding the use and care of the resources the earth provides.		

Human Anatomy & Physiology			
Course #(s): 80525	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20 Fee, \$10 Dissection Fee	Grade Level(s): 11-12
Prerequisites: "C" or better in Biology/Honors Biology and Chemistry/Honors Chemistry or concurrent enrollment in Chemistry/Honors Chemistry Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	Anatomy and Physiology is an advanced course for students who are interested in exploring human body structures and functions in greater depth. This course focuses on an integrated study of the human body including the histology, anatomy, physiology, pathology, and hemostasis of specific systems. The course begins with an overview of the body systems. Included are mandatory hands-on experiences involving experimentation, microscopy, observations, and dissection. Students will select systems to dive deeper in their understanding. The course is designed for the biology/health care related student; however, the non-biology major will benefit as well.		

Organic Chemistry			
Course #(s): 80373	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$20 Fee	Grade Level(s): 11-12
Prerequisites: Successful completion of biology and chemistry (minimum of a C). Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit 	Organic Chemistry is a lab based course where the students will apply their knowledge of chemistry and biology to understand nomenclature, functional groups, isomerism, organic reaction types and mechanisms, polymers, biochemical compounds and analytical techniques to determine structures.		

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Physics			
Course #(s): 80430S1 & 80430S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 11-12
Prerequisites: Algebra II (C or better)		In this lab-based course, students will study the structure and behavior of the physical world and how these ideas relate to human society. Students will study physical principles of dynamics, light, electricity, magnetism, and atomic structure. The emphasis of this course will be on understanding the mathematical relationships that characterize the behavior of the physical world.	
Graduation Requirement: Science		This course is challenging in both the time and effort required; students should be able to demonstrate strong Algebra II skills.	
☒ May be taken only once for credit ☐ May be repeated for credit 			

Zoology			
Course #(s): 80500	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$25 Fee	Grade Level(s): 10-12
Prerequisites: Biology or Honors Biology		Zoology is a course designed to present the student with representatives of all the major animal groups, their comparative anatomy, evolutionary origins and record, ecology, and behavior. It is primarily lab-oriented with dissections.	
Graduation Requirement: Science			
☒ May be taken only once for credit ☐ May be repeated for credit 			

Zoology II			
Course #(s): 80501	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: \$25 Fee	Grade Level(s): 10-12
Prerequisites: Zoology I or teacher approval to bypass Zoology I, if student has successfully completed AP Biology, Anatomy, or Aquatic Biology		Zoology II will be a continuation of the study of representatives of all major animal groups integrating the anatomy, physiology, ecology, evolution and behavioral adaptations that enable them to survive effectively in their natural environment. Zoology II will be a project based class with dissections and guest speakers in the field.	
Graduation Requirement: Science			
☒ May be taken only once for credit ☐ May be repeated for credit 			

Social Studies Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
AP Human Geography	✓	✓	✓	✓
AP Macroeconomics			✓	✓
AP Microeconomics			✓	✓
AP Psychology		✓	✓	✓
AP US Government		✓	✓	✓
AP US History		✓	✓	✓
AP World History: Modern		✓	✓	✓
Literature of Film			✓	✓
Modern European History		✓	✓	✓
Psychology			✓	✓
Rise of Nation/State: England		✓	✓	✓
Rise of Nation/State: Germany		✓	✓	✓
Sociology		✓	✓	✓
Sports Psychology		✓	✓	✓
US Economics			✓	✓
US Government			✓	✓
US History Since 1954		✓	✓	✓
US History to 1877		✓	✓	✓
US History 1877 to 1953	✓			
World Geography	✓	✓	✓	✓
World History		✓	✓	✓

“Live as if you were to die tomorrow. Learn as if you were to live forever.”

-Mahatma Gandhi

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Social Studies Course Descriptions

AP Human Geography			
Course #(s): 85905S1 & 85905S2	Credit: 1.0 semester yearlong ☐ ☒	Fee Info: Cost of Book, \$98 AP Exam Fee	Grade Level(s): 9-12
Prerequisites: Teacher recommendation Graduation Requirement: Social Studies Meets .5 Geography requirement Meets 0.5 Elective credit ☒ May be taken only once for credit ☐ May be repeated for credit 	AP Human Geography is a college prep course that provides students with an academic experience equivalent to a college level freshman course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.		

AP Macroeconomics			
Course #(s): 85631	Credit: 0.5 semester yearlong ☒ ☐	Fee Info: Cost of Book, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: 10th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 Economics requirement ☒ May be taken only once for credit ☐ May be repeated for credit 	The purpose of this course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will gain a deeper understanding of their place in the US and world economy. This class will require approximately 3-4 hours a week of outside study and homework. **Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.		

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AP Microeconomics			
Course #(s): 85630	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: Cost of Book, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: 10th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 Economics requirement ☒ May be taken only once for credit ☐ May be repeated for credit  	The purpose of this course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will gain a deeper understanding of their place in the US and world economy. This class will require approximately 3-4 hours a week of outside study and homework. <i>**Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for math.</i>		

AP Psychology			
Course #(s): 85760S1 & 85760S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, \$98 AP Exam Fee	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Elective Meets 1.0 Elective requirement ☒ May be taken only once for credit ☐ May be repeated for credit 	AP Psychology is a college prep course that provides students with an academic experience equivalent to a college level freshman course in psychology. The course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice.		

AP US Government			
Course #(s): 85720S1 & 85720S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, \$98 AP Exam Fee	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 Government requirement Meets 0.5 Elective credit ☒ May be taken only once for credit ☐ May be repeated for credit  	This course provides students with an analytical perspective on government and politics in the United States. It involves the study of general concepts used to interpret U.S. institutions, groups beliefs and ideas that constitute U.S. politics. This is a college level course with potential for college credit, thus extensive college level reading and writing is required. Students will take the Advanced Placement Test at the end of the year.		

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AP US History			
Course #(s): 85625S1 & 85625S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, \$98 AP Exam Fee	Grade Level(s): 10-12
Prerequisites: 10th Grade Social Studies Graduation Requirement: Social Studies Meets 1.0 US History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  	This survey of U.S. History is taught in chronological sequence and emphasizes social, political, and economic themes tested on the Advanced Placement United States History Exam. College level writing and study skills will be emphasized. Extensive college level reading is required. <i>**Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for English.</i>		

AP World History: Modern			
Course #(s): 85340S1 & 85340S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, \$98 AP Exam Fee	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 World History requirement Meets 0.5 Elective credit ☒ May be taken only once for credit ☐ May be repeated for credit  	AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. <i>**Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for English.</i>		

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Literature of Film II			
Course #(s): 70747	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: 10th Grade Social Studies Literature of Film I is NOT a prerequisite for this course. Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit	In this class, students will study Modern American History through the medium of film. This course will look at how various aspects of history are portrayed in films and contrast that with “how it really was.” A major goal of this course is to determine what is valid in contemporary films and historical dramas. Grouped thematically students will examine the historiography of slavery, the Great Depression, the Holocaust, WWII, the Civil Rights Movement, Vietnam and others. Besides examining these historical events, students will investigate the legacy of racism, poverty, corruption, patriotism and contemporary American culture. In addition to each film’s historical and cultural importance, the course will also concentrate on film appreciation and the study of cinematography.		

Modern European History			
Course #(s): 85375	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 World History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  	This course will chronicle the history of Europe from 1500 to present and the impact that extremist ideologies and modern warfare have had on the continent. Special attention will be given to the political philosophies of Marxism-Leninism, Fascism, National Socialism, and parliamentary democracy. Special attention will also be given to reading skills and the methods used in historical research. (This course will be offered in the 2026-2027 school year.)		

Psychology			
Course #(s): 85750	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: 10th Grade Social Studies Graduation Requirement: Elective Meets 0.5 Elective credit ☒ May be taken only once for credit ☐ May be repeated for credit 	The goals of psychology are to describe, understand, and predict individual human behavior. In this course, students will be introduced to the history and application of psychology research methods, sensation and perception, altered states of consciousness, sleep and dreaming, learning, development, theories of personality, and abnormal behavior. Students will also learn and demonstrate successful communication and group interaction skills.		

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Rise of Nation/State: England			
Course #(s): 85410	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 World History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		This course traces the development of England and the political, economic, social, and cultural factors that contributed to its development as a nation-state. The course will focus on English history and English institutions, such as parliament and constitutional government, which have had an impact on American history. (This course will not be offered in the 2026-2027 school year.)	

Rise of Nation/State: Germany			
Course #(s): 85420	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 World History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		This course examines the development of the nation-state with special attention focused on Germany and the Three German Reichs. Curriculum includes the impact of language, culture, geography, economics, and government in nation building, and surveys the chronological emergence of the German States from the Fall of Rome to the Fall of the Berlin Wall. Students will apply research and reference skills for emphasis in the European Medieval period; the German High Renaissance/ Reformation; the Age of Bismarck Realpolitik; the World Wars; and up to the role played by Germany today in the New World Order. (This course will be offered in the 2026-2027 school year.)	

Sociology			
Course #(s): 85770	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Elective Meets 0.5 Elective credit ☒ May be taken only once for credit ☐ May be repeated for credit 	This course provides students with an overview and general understanding of sociology. Students will examine patterns of social behavior and interactions in society. Since these patterns are often found when groups interact, they will be a focus of study. Other possible topics include: social interactions, methods used by sociologists to study social patterns, the nature and impact of culture, the socialization of individuals in society, marriage and family, collective behavior in society, and the nature of social change.		

Sports Psychology			
Course #(s): 85755	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Elective Meets 0.5 Elective credit NOT NCAA approved ☒ May be taken only once for credit ☐ May be repeated for credit	Sports Psychology and Performance provides students with in-depth exposure to the world of sports and athletes by examining the psychology behind athletes, fans, corporations and the general population's interest in professional and amateur competition. Students will engage in classroom experiences including researching career pathways and degrees, usage of technology in sports performance, analysis of current sports related trends, exploration of current therapy used to help athletes obtain their goals, and interaction with psychology experts whose expertise is in sports and athletes.		

US Economics			
Course #(s): 85800	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: 10th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 Economics requirement ☒ May be taken only once for credit ☐ May be repeated for credit  	This course will focus on the economic principles and concepts that enable students to gain a greater economic understanding of current events and issues in the U.S. and around the world. Economic reasoning skills will be emphasized. We will look at the political and economic philosophies that have helped to shape our current systems as well as examine personal financial responsibility.		

US Government			
Course #(s): 85700	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 11-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 Government requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		Students will study why there is government, types of governments, the U.S. Constitution, the three branches of government (legislative, executive and judicial) and the concept of separation of powers. Students will also study the function and structure of the court system, political parties, and the role of a citizen in a government. Current events will be emphasized as they apply to the study of U.S. Government. Instruction will also focus on essay writing. Students will learn and apply research and reference skills and will be required to complete a research project.	

US History Since 1954			
Course #(s): 85533	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 credit of 1.0 US History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		This course will trace major events, which have occurred since World War II with emphasis on the political events and personalities involved. Topics covered in the course include: the Cold War, the civil rights movement, Korean and Vietnam Wars, Watergate, and contemporary issues. Students will apply research reference skills and may be required to write a research paper.	

US History to 1877			
Course #(s): 85530	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 credit of 1.0 US History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		This course includes political, social, and military history from Colonial America to 1865.	

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US History Since 1877 - 1953			
Course #(s): 85531	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9
Prerequisites: 8th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 credit of 1.0 US History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		The content of this course includes topics in U.S. History since 1865. Topics covered are reconstruction, industrialism, immigration, the emergence of big business, the labor movement, Progressive Era reforms, World War I, the Twenties, the Great Depression, the New Deal and U.S. involvement in WWII. Research and study skills will be taught and applied in this class.	

World Geography			
Course #(s): 85835	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: 8th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 Geography requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		In this course students will examine the world's regions and explore the many facets of geography. The region's economy, geography, history, and culture will be studied, as well as issues affecting the area and its relationship with the rest of the world. By studying current domestic and world issues, students will understand the numerous dimensions of a multicultural and interconnected world.	

World History			
Course #(s): 85302	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: 9th Grade Social Studies Graduation Requirement: Social Studies Meets 0.5 World History requirement ☒ May be taken only once for credit ☐ May be repeated for credit  		This course is designed to build a foundation for understanding human history across different cultures and civilizations. The course will provide an opportunity for students to study political, economic and social problems of different historical periods.	

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World Language Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
French I	✓	✓	✓	✓
French II	✓	✓	✓	✓
French III	✓	✓	✓	✓
French IV		✓	✓	✓
AP French Language & Culture			✓	✓
Spanish I	✓	✓	✓	✓
Spanish II	✓	✓	✓	✓
Advanced Spanish II	✓	✓	✓	✓
Spanish III	✓	✓	✓	✓
Spanish for Heritage Learners	✓	✓	✓	✓
Spanish for Leadership		✓	✓	✓
ACC SPA 1011 Spanish Language I & ACC SPA 1012 Spanish Language II		✓	✓	✓
ACC SPA 2011 Spanish Language III & ACC SPA 2012 Spanish Language IV			✓	✓
ACC SPA 2015 Spanish for the Professional II			✓	✓
AP Spanish Language & Culture			✓	✓

“The limits of my language are the limits of my world.”

-Ludwig Wittgenstein

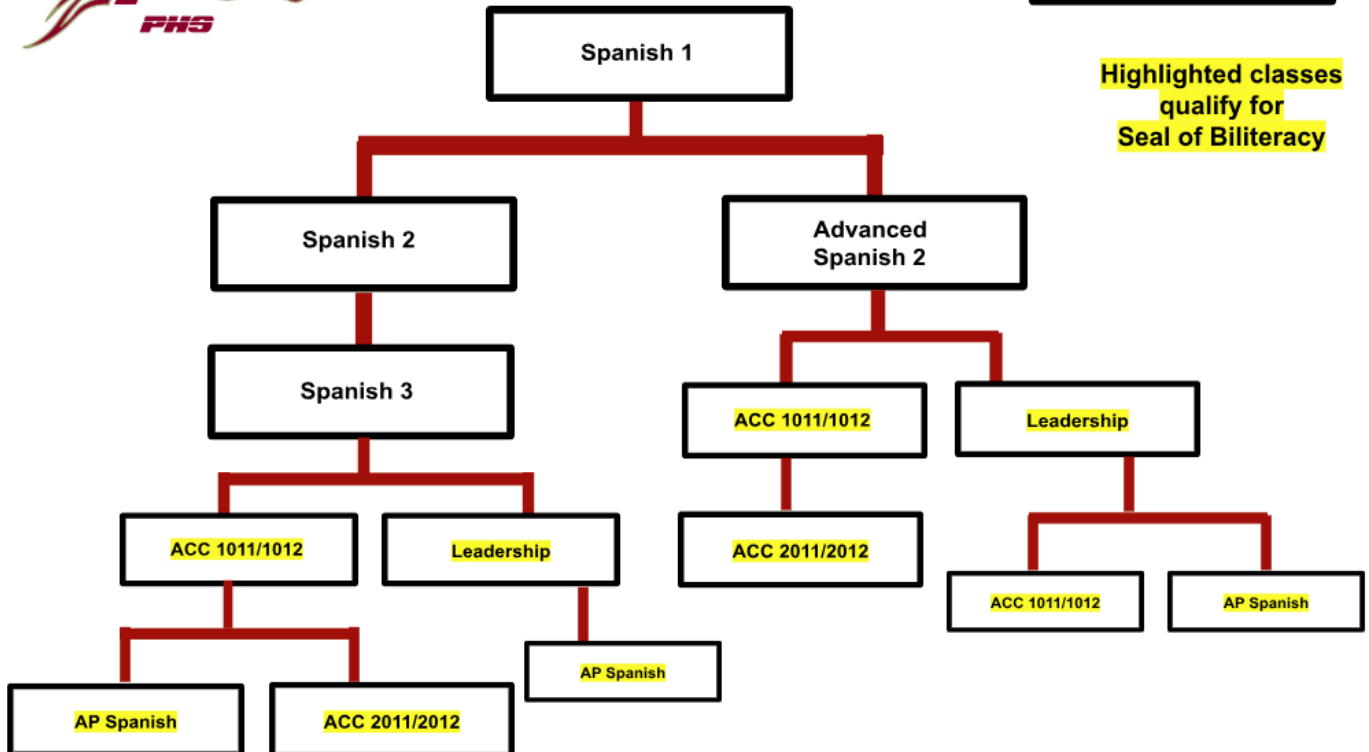
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Ponderosa High School Spanish Classes Pathway

Heritage Speakers
TBD by instructor

Highlighted classes
qualify for
Seal of Biliteracy



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World Language Course Descriptions

French I			
Course #(s): 95400S1 & 95400S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of novels	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	Students in French I will learn vocabulary and grammar to use in Interpretive, Interpersonal, and Presentational Modes. Successful completion of this course will provide students with a solid knowledge base in order to continue to intermediate and advanced language levels.		

French II			
Course #(s): 95410S1 & 95410S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of novels	Grade Level(s): 9-12
Prerequisites: French 1A & 1B (2 years of middle school) or French I (year-long class) Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	This course will build vocabulary and grammar comprehension and use through the Interpretive, Interpersonal, and Presentational Modes. Students will continue to build upon their language skills in order to continue to intermediate and advanced language levels.		

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French III			
Course #(s): 95420S1 & 95420S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of novels	Grade Level(s): 9-12
Prerequisites: French II Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit 		This course will build vocabulary and grammar comprehension and use through the Interpretive, Interpersonal, and Presentational Modes. Students will continue to expand upon foundational language skills in order to continue to intermediate and advanced language levels.	

French IV			
Course #(s): 95435S1 & 95435S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of novels, online platform	Grade Level(s): 10-12
Prerequisites: French III Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit 		French IV will continue to build vocabulary and grammar comprehension and use through the Interpretive, Interpersonal, and Presentational Modes. The class will be conducted mainly in French.	

AP French Language & Culture			
Course #(s): 95440S1 & 95440S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$110 Cost of Book, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: French IV Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit 		AP French Language and Culture is equivalent to an intermediate level college course in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges. Advanced Placement World Language classes offer the students a weighted credit. Students continue building their fluency in the language through Interpersonal, Interpretive, and Presentational Modes as required on the AP exam. Classes are conducted mainly in French and students are expected to take the AP French exam.	

Spanish I			
Course #(s): 95600S1 & 95600S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, online workbook	Grade Level(s): 9-12
Prerequisites: None Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	Students in Spanish I will learn vocabulary and grammar to use in Interpretive, Interpersonal, and Presentational Modes. Successful completion of this course will provide students with a solid knowledge base in order to continue to intermediate and advanced language levels.		

Spanish II			
Course #(s): 95610S1 & 95610S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, online workbook	Grade Level(s): 9-12
Prerequisites: Spanish 1A & 1B (2 years at middle school) or Spanish I (year long course) Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	This course will build vocabulary and grammar comprehension and use through the Interpretive, Interpersonal, and Presentational Modes. Students will continue to expand their foundational language skills to progress to intermediate and advanced levels of Spanish.		

Advanced Spanish II			
Course #(s): 95720S1 & 95720S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, online workbook	Grade Level(s): 9-12
Prerequisites: Spanish 1 with a B or better or teacher recommendation Graduation Requirement: Elective ☒ May be taken only once for credit ☐ May be repeated for credit 	This Level II course is a fast paced language course designed for students who wish to accelerate reaching the upper levels of foreign language study in high school (Levels 4, 5 and AP), or continue language study in college to enhance their career choice. Students will complete the Level II text and be able to communicate/comprehend advanced themes utilizing critical thinking skills. Students will be able to speak for five minutes with or without prompting and write a cogent 200 -225 word composition.		

Spanish III			
Course #(s): 95620S1 & 95620S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: Cost of Book, online workbook	Grade Level(s): 9-12
Prerequisites: Spanish II or Honors Spanish II (Advanced Spanish II)	This course will build vocabulary and grammar comprehension and use through the Interpretive, Interpersonal, and Presentational Modes. Students will expand their language skills in order to progress to advanced Spanish classes.		
Graduation Requirement: Elective			
☒ May be taken only once for credit ☐ May be repeated for credit 			

Spanish for Heritage Learners			
Course #(s): 95615S1 & 95615S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$25 Cost of Book	Grade Level(s): 9-12
Prerequisites: Teacher Recommendation or General Skills Pre-test	This course will build vocabulary and grammar comprehension and use through the Interpretive, Interpersonal, and Presentational Modes. Students will expand their language skills in order to progress to advanced Spanish classes.		
Graduation Requirement: Elective			
☒ May be taken only once for credit ☐ May be repeated for credit			

Spanish for Leadership			
Course #(s): 95664S1 & 95664S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$27 Cost of Book	Grade Level(s): 10-12
Prerequisites: Spanish III or higher with a C or higher	Spanish for Leadership is a course that will allow students to apply the Spanish they have learned in previous courses to career-related situations. Students will develop 21st century skills such as leadership and collaboration while working on class projects with a focus on improving written and spoken communication skills. Students will take their Spanish usage outside of the classroom to connect with our community for various projects. Topics to be covered include the cultures and economic, governmental, environmental, and social systems of different Spanish-speaking countries. This course will provide the knowledge and skills needed to be successful in a globally competitive society. This course is NOT NCAA approved.		
Graduation Requirement: Elective			
☒ May be taken only once for credit ☐ May be repeated for credit			

ACC SPA 1011 - Spanish Language I (CE) & ACC SPA 1012 - Spanish Language II (CE) (College Course)			
Course #(s): 69111 & 69112	Credit: 2.0 semester ☐ yearlong ☒	Fee Info: \$65 Cost of Book and class novels	Grade Level(s): 10-12
Prerequisites: Spanish II or higher, teacher recommendation required for 9th grade students. Students must be concurrently enrolled in ACC. Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is an ACC concurrent enrollment course, and is a college level course. Students continue building their fluency in the language through Interpersonal, Interpretive, and Presentational Modes. Classes are conducted mainly in Spanish.		

ACC SPA 2011 - Spanish Language III (CE) & ACC SPA 2012 - Spanish Language IV (CE) (College Course)			
Course #(s): 69132 & 69133	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$65 Cost of Book and class novels	Grade Level(s): 11-12
Prerequisites: ACC SPA 1011 and ACC SPA 1012 Students must be concurrently enrolled in ACC. Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	This course is an ACC concurrent enrollment course, and is a college level course. Students continue building their fluency in the language through Interpersonal, Interpretive, and Presentational Modes. Classes are conducted mainly in Spanish.		

ACC SPA 2015 - Spanish for the Professional II (CE)

Course #(s): 69134	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: Textbook, \$125	Grade Level(s): 11-12
Prerequisites: ACC SPA 1011/1012, SPA 2011 with a "C" or better or placement test, or taken concurrently with ACC SPA 2011/2012 Students must be concurrently enrolled in ACC. Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	Continues SPA 115 in the development of a working knowledge of the target language, cultural behaviors and values useful in various professional fields such as health care, law enforcement, bilingual education, business, and others. Can be taken after ACC Spanish 2012 or concurrently with ACC Spanish 2011 and 2012.		

AP Spanish Language and Culture

Course #(s): 95640S1 & 95640S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$125 Fee, Cost of Book, \$98 AP Exam Fee	Grade Level(s): 11-12
Prerequisites: ACC SPA 1011/1012, SPA 2011/2012 or Spanish for Leadership. Spanish III upon teacher recommendation. Graduation Requirement: Fine Arts or Practical Arts ☒ May be taken only once for credit ☐ May be repeated for credit 	AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Advanced Placement World Language classes offer the students a weighted credit. Students continue building their fluency in the language through Interpersonal, Interpretive, and Presentational Modes as required on the AP exam. Classes are conducted mainly in Spanish and students are expected to take the AP Spanish exam. Classes are conducted mainly in Spanish.		

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Additional Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
AVID	✓	✓	✓	✓
Office Aide/Counseling Aide		✓	✓	✓
Peer Coach/Adaptive PE	✓	✓	✓	✓
Peer Internship		✓	✓	✓
Student Government	✓	✓	✓	✓

"The beautiful thing about learning is that no one can take it away from you."

- B.B. King

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Additional Courses Course Descriptions

AVID			
Course #(s): 45801S1 & 45801S2 (9th) 45802S1 & 45802S2 (10th) 45803S1 & 45803S2 (11th) 45804S1 & 45804S2 (12th)	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: TBD TBD TBD TBD	Grade Level(s): 9 10 11 12
Prerequisites: Application/Interview Process Co-requisites: Concurrent enrollment in Honors/AP/CE level course(s); 3.0 and above GPA requirement Graduation Requirement: Elective ☒ May be taken only once for credit per grade level ☐ May be repeated for credit	AVID (Advancement Via Individual Determination) is a four-year program designed to prepare and guide students towards college. In the AVID elective class, students participate in activities that incorporate strategies focused on writing, inquiry-based learning, collaboration, and reading to support their academic growth. Students also receive instruction in motivational activities, academic survival skills, and college-entry skills. Embedded tutor-led study groups are an integral part of the learning process. Admission into the AVID elective consists of an application/interview process. Application		

Office Aide/Counseling Aide			
Course #(s): 48855	Credit: 0.25 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: Application/Instructor approval Graduation Requirement: Elective ☐ May be taken only once for credit ☒ May be repeated for credit	Students will float between the Main Office and Counseling Office assisting in a variety of tasks which may include emptying the recycle bins, organizing information, typing documents, or delivering student passes. This is not a study period. Students may not register online. The application for Office Aide/Counseling Aide is available in the Counseling Office.		

Peer Coach/Adaptive PE			
Course #(s): 75477	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Application/Instructor approval Graduation Requirement: Physical Education ☐ May be taken only once for credit ☒ May be repeated for credit	This class offers a unique opportunity for students to work with physically or health challenged peers enrolled in the Adaptive P.E. class on an individual or small group basis through the enjoyment of team and individual sport activities. Peer coaches will have the opportunity to research and experience various disabilities while collaborating to create lessons to deliver to the class. Application		

Peer Internship			
Course #(s): 40420	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 10-12
Prerequisites: Application/Instructor approval Graduation Requirement: Elective ☐ May be taken only once for credit ☒ May be repeated for credit	This internship is designed for students who are interested in assisting neurodiverse students to succeed in a regular or special education classroom. Interns will serve as peer tutors and/or teacher assistants. This class is designed to help involve the students of the SSN Program into the PHS community. You, as a peer intern, are giving another student the opportunity to make friends and be included in events within the school. We hope that throughout this process of you helping your peers, you will learn just as much from the students you work with as they learn from you. Peer Internship Form		

Student Government			
Course #(s): 35450S1 & 35450S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: \$30/year	Grade Level(s): 9-12
Prerequisites: Application/Instructor approval Graduation Requirement: Elective ☐ May be taken only once for credit ☒ May be repeated for credit	This year-long leadership course is designed to allow students the opportunity to make a difference and be a leader in their school and community. Students will explore concepts of leadership, promote school spirit, participate in community service, and foster philanthropy. Homecoming, dances, pep rallies, and charity events comprise the bulk of the projects for the year. Teamwork, reflection, and accountability are an integral part of this class. Student Government officers and representatives are required to take this class. Students must participate in a variety of different leadership tasks and school activities throughout the year to attain credit. Students must apply and be accepted based on the application process the year prior to enrollment. Advisor discretion can be used with students who transfer into the class. Students will be responsible for purchasing materials. Application - email britany.ederveen@dcsdk12.org with questions Send Teacher Recommendations Here		

Personalized Learning Courses

Course Title	9th Grade	10th Grade	11th Grade	12th Grade
English Strategies	✓	✓	✓	✓
Life Skills English	✓	✓	✓	✓
Math Strategies I	✓	✓	✓	✓
Life Skills Math	✓	✓	✓	✓
Life Skills Science	✓	✓	✓	✓
Life Skills Social Studies	✓	✓	✓	✓
Peer Coach/Adaptive PE	✓	✓	✓	✓
Transitions	✓	✓	✓	✓

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Personalized Learning Course Descriptions

English Strategies			
Course #(s): 50501S1 & 50501S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Must be on an IEP Graduation Requirement: English ☐ May be taken only once for credit ☒ May be repeated for credit	This course is designed for students with an Individualized Education Plan who require specialized instruction in ninth grade English standards. Emphasis will be placed on developing reading, writing, and communication skills as well as organizing and synthesizing information. The desired outcome is that students will be able to read and write meaningfully for a variety of purposes and audiences. Reading standards will emphasize strategies to increase vocabulary, fluency, comprehension and knowledge or literary elements. Writing standards will emphasize process, organization, content, spelling and conventions. Communication standards will emphasize gathering information as well as communicating for a variety of audiences.		

Life Skills English			
Course #(s): 20008S1 & 20008S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Must be on an IEP Graduation Requirement: English ☐ May be taken only once for credit ☒ May be repeated for credit	This course is designed for freshman, sophomore, juniors and seniors with Significant Needs and an Individual Education Plan who require intensive intervention in reading and writing. The focus will be on writing as it relates to the General Education curriculum, reading comprehension and vocabulary. English standards have been modified and will be evaluated by Extended Evidence Outcomes and IEP goals and objectives. This can be counted as an English credit or an elective credit.		

Math Strategies I

Course #(s): 20200S1 & 20200S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Must be on an IEP Graduation Requirement: Math ☐ May be taken only once for credit ☒ May be repeated for credit	This course is designed for students with an Individualized Plan. An emphasis will be placed on reviewing basic skills and teaching pre-algebra concepts. Math standards have been modified and students will be evaluated by IEP goals and objectives. Can be counted as a math credit or an elective credit and can be taken more than once.		

Life Skills Math

Course #(s): 20005S1 & 20005S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Must be on an IEP Graduation Requirement: Math ☐ May be taken only once for credit ☒ May be repeated for credit	This course is designed for students in all grade levels with Significant Needs with an Individualized Education Plan. An emphasis will be placed on functional math skills such as basic time, money management, and cooking. All math standards have been modified and will be evaluated by Extended Evidence Outcomes and IEP goals and objectives. Students also practice money situations at the student run coffee shop (The Stable).		

Life Skills Science

Course #(s): 20006S1 & 20006S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Must be on an IEP Graduation Requirement: Science ☒ May be taken only once for credit ☐ May be repeated for credit	This course is for students with Significant Needs with an Individualized Education Plan (IEP). Emphasis will be based on the student's individual needs, vocational skills, hygiene, nutrition and health.		

Life Skills Social Studies			
Course #(s): 20032S1 & 20032S2	Credit: 1.0 semester ☐ yearlong ☒	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Must be on an IEP Graduation Requirement: Social Studies ☒ May be taken only once for credit ☐ May be repeated for credit		This course is for students with Significant Needs on an Individualized Education Plan (IEP). Emphasis will be based on the student's individual needs, current events and life in the community.	

Peer Coach/Adaptive PE			
Course #(s): 75477	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Application/Instructor approval Graduation Requirement: Physical Education0jo ☒ May be taken only once for credit ☐ May be repeated for credit 		This class offers a unique opportunity for students to work with physically or health challenged peers enrolled in the Adaptive P.E. class on an individual or small group basis through the enjoyment of team and individual sport activities. Peer coaches will have the opportunity to research and experience various disabilities while collaborating to create lessons to deliver to the class. Application	

Transitions			
Course #(s): 20001S1 or 20001S2	Credit: 0.5 semester ☒ yearlong ☐	Fee Info: None	Grade Level(s): 9-12
Prerequisites: Instructor approval Graduation Requirement: Elective ☐ May be taken only once for credit ☒ May be repeated for credit		Transitions provides a structured and supervised opportunity for students with significant special needs to receive instruction both on and off-campus in a generalized setting. Focusing on four central domains (vocational, domestic, recreational and community), students will access community establishments, receive on-the-job training at the student run coffee shop (The Stable), practice concrete work skills and develop skills necessary for living independently.	