

Sherwood High School 2024-2025

Academic Planning Guide

**(This Guide is for the 2024-2025 School Year, Please See the
2025-2026 Guide for Current Course Selection)**

**Sherwood High School
18800 SW Haide Road
Sherwood, OR 97140**

Phone: (503) 825-6000 • Fax: (503) 825-6001



Hello Sherwood High School Families and Students,

I'm Adam Mitchell, Principal of Sherwood High School, and I'm excited to welcome you to SHS – the place where remarkable things happen! We believe that SHS can be a place for every student to learn, grow, and thrive. From top-notch academics to a variety of sports and activities, and a supportive Bowmen Family, we've got it all.

The real center of our mission? It's that "beyond" part. We're not just preparing you for high school; we're getting you ready for whatever comes next. Our goal is that each one of you walks out of Sherwood High School with the skills and confidence to tackle whatever life throws your way. Ultimately, we want each student to have the opportunity to make the choice about what comes next. In order to do that well, we believe that intentionally choosing an academic path through high school is crucial. The secret weapon for this journey is the Academic Planning Guide.

The Academic Planning Guide is designed to help students focus their goals and dreams for the future. Use it to plan your high school adventure, so you're not just cruising through classes but gearing up for your future – be it college, career, or changing the world. Graduation is not our end goal. Instead, we hope that each student leaves Sherwood High School prepared for and confident in their next steps- whatever those may be.

Check out these pages for the details on diplomas, graduation requirements, advanced programs, and courses. It's your guide to make informed decisions while keeping that big-picture goal in sight. Use this as a tool to make the right decisions for yourself both for now and in the future.

Sherwood High School is an amazing place where we believe each one of you will go out and make a positive impact on the world. Thanks for being part of the community, and if you have any questions, don't hesitate to reach out to myself, our Associate Principals, counselors, or wonderful teaching and support staff. Wishing you a fantastic 2024-2025 school year!

Go Bowmen!

A handwritten signature in black ink, appearing to read 'Adam Mitchell', with a large, stylized loop at the end.

Adam Mitchell
Sherwood High School Principal

CONTACT AN ADMINISTRATOR:

Administrator	Role	Student Management	Email	Phone
Adam Mitchell	Principal	-	amitchell@sherwood.k12.or.us	503-825-6003
Josh Pratt	Associate Principal	A-G	jpratt@sherwood.k12.or.us	503-825-6004
Patrick Leitch	Associate Principal	H-N	pleitch@sherwood.k12.or.us	503-825-6006
Katie Voss	Associate Principal	O-Z	kvoss@sherwood.k12.or.us	503-825-6005

Table of Contents

DEFINITION OF TERMS	4
GRADUATION REQUIREMENTS AND DIPLOMA OPTIONS	6
COURSE LOAD BY YEAR	8
ACADEMIC GUIDELINES	9
SCHEDULING GUIDELINES	11
COUNSELING DEPARTMENT	11
AVID PROGRAM	12
ATHLETIC ELIGIBILITY	13
ADVANCED PLACEMENT (AP) COURSE INFORMATION	15
DUAL CREDIT COURSE INFORMATION	16
EXPANDED OPTIONS PROGRAM	17
DEFINING STANDARDIZED TESTS	18
POST-SECONDARY INFORMATION	19
CAREER PATHWAYS AT SHERWOOD HIGH SCHOOL	21
2024-2025 COURSES AT A GLANCE	23
ACADEMIC SUCCESS CENTER (ASC)	25
AGRICULTURAL SCIENCE	26
ART	29
AVID	33
BUSINESS	34
CAREER-RELATED	37
COMPUTER SCIENCE	39
CONSTRUCTION/WOODWORKING	42
CULINARY ARTS & HOSPITALITY MANAGEMENT	45
DRAMA & THEATRE	47
ENGINEERING/ARCHITECTURE	48
FAMILY & CONSUMER SCIENCES (FACS)	52
ENGLISH/LANGUAGE ARTS	53
MATHEMATICS	57
METAL FABRICATION	59
MUSIC	61
PHYSICAL EDUCATION/HEALTH	63
SCIENCE	65
SOCIAL SCIENCE	68
SPECIAL PROGRAMS	73
WORLD LANGUAGE	74

DEFINITION OF TERMS

CREDIT: The unit of record assigned to each student for the successful completion of any subject. Trimester classes receive 0.5 credits. All courses, required and elective, receive the same amount of credit.

REQUIRED COURSE: A course that all students must take to graduate.

ELECTIVES: All courses other than required courses. Students must also take a number of elective courses to meet graduation requirements.

PREREQUISITE: Requirements or conditions which must be met in order to be eligible to participate in a course.

CTE/ARTS/WORLD LANGUAGE: Credits from courses in World Language, Business, Metal Fabrication, Engineering/Architecture, Agricultural Science, Computer Science, Construction/Woodworking, Music, Drama, Art, and Family and Consumer Science can be counted toward the CTE/Arts/World Language and Applied Arts graduation requirement.

HOMEROOM: A required course providing students with social-emotional learning, school logistics, digital citizenship, sexual abuse prevention, and college and career information.

ZERO PERIOD: A course that occurs outside of our regular 5-period day. Zero periods are added to the schedule after a roster is provided by the teacher of record. Students may not forecast for zero period courses.

KEY:

* = There is a prerequisite that must be taken for this class.

= There is an opportunity for college credit with this class.

GRADUATION REQUIREMENT KEY:

Class of 2025

CA: Career
CT: Computer Tech
EC: Economics
EL: Elective
EN: English Language Arts
GV: Government
HE: Health
MA: Math
PE: Physical Education
SA: Social Science Analysis
SC: Science
SL: CTE/Arts/World Language
US: US History
WH: World History

DEFINITION OF TERMS (cont.)

GRADUATION REQUIREMENT KEY:

Class of 2026

CA: Career
CT: Computer Tech
EC: Economics
EL: Elective
EN: English Language Arts
GV: Government
HE: Health
MA: Math
PE: Physical Education
SA: Social Science Analysis
SC: Science
SL: CTE/Arts/World Language
US: US History
WH: World History

Class of 2027 and AFTER

CA: Career
CT: Computer Tech
EC: Economics
EL: Elective
EN: English Language Arts
GV: Government
HE: Health
MA: Math
PF: Personal Finance
PE: Physical Education
SA: Social Science Analysis
SC: Science
SL: CTE/Arts/World Language
US: US History
WH: World History

PLEASE NOTE: The courses that will be offered will be determined by how many students forecast for each course. **Not all courses listed in the Academic Guide will be offered next year.**

GRADUATION REQUIREMENTS AND DIPLOMA OPTIONS

Graduation Requirements and Diploma Options - Class of 2025 & 2026

Sherwood School District requires each student to earn a minimum of 28 units of credit in grades 9 through 12. The information below outlines the requirements for each of our diplomas. Students are responsible for tracking their progress towards their Honors or Advanced Honors Diploma. Counselors will only track progress towards a Sherwood Diploma.

Requirements	Sherwood Diploma	Honors Diploma	Advanced Honors Diploma
Language Arts	4.0	4.0	4.0
Math	3.0	4.0^	4.0^
World History	1.0	1.0	1.0
US History	1.0	1.0	1.0
Social Science Analysis	0.5	0.5	0.5
Economics	0.5	0.5	0.5
Government	0.5	0.5	0.5
Science	3.0	4.0	4.0
Health	1.0	1.0	1.0
Computer Technology	1.0	1.0	1.0
Physical Education	1.0	1.0	1.0
CTE/Arts/World Language	3.0	3.0**	3.0**
Career (Homeroom/Naviance)	0.5	0.5	0.5
Electives	8.0	6.0	6.0
TOTALS	28.0	28.0	28.0
*Students must earn an Advanced Honors Diploma to qualify as a Valedictorian.		Minimum 3.5 GPA or above P/F courses do not count	Minimum 3.5 GPA or above P/F courses do not count

Honors Diploma

***Apply spring of senior year**

In order to earn an Honors Diploma, students must meet the requirements listed above in the Honors column, complete through two years of a world language, AND are required to challenge themselves by taking (and completing/passing) one Advanced Placement or Dual Credit course in each of the following areas:

1. Language Arts or Social Science (one between the two content areas)
2. Math or Science (one between the two content areas)
3. Elective or additional core area (one more in any area)

Advanced Honors Diploma

***Apply spring of senior year**

In order to earn an Advanced Honors Diploma, students must meet the requirements listed above in the Advanced Honors column, complete through two years of a world language, AND are required to challenge themselves by taking (and completing/passing) one Advanced Placement or Dual Credit course in each of the following areas:

1. Language Arts (Writing 121, Writing 122 or AP Lit/Comp)
2. Social Science (An AP or Dual Credit Social Science course)
3. Math (AP Statistics, Trigonometry & Pre-Calculus, or AP Calculus)
4. Science (Anatomy & Physiology, AP Biology, AP Chemistry, or AP Physics)

Two Additional AP or Dual Credit courses (see AP and DC course lists)

** 2.0 HS credits (or 1 yr of college language) of the CTE/Arts/World Language requirement must be World Language

^ 4.0 credits for Math requires 1.0 per year, and students must be progressing forward in their mathematics courses.

Graduation Requirements and Diploma Options - Class of 2027 & Beyond

Sherwood School District requires each student to earn a minimum of 28 units of credit in grades 9 through 12. The information below outlines the requirements for diploma, as well as how to earn a “Graduating with Honors” distinction. Students are responsible for tracking their progress towards “Graduating with Honors”, counselors will only track progress towards a Sherwood Diploma.

REQUIREMENTS	SHERWOOD DIPLOMA
Language Arts	4.0
Math	3.0
World History	1.0
US History	1.0
Social Science Analysis	0.5
Economics	0.5
Government	0.5
Science	3.0
Health	1.0
Computer Technology	1.0
Personal Finance	0.5
Physical Education	1.0
CTE/Arts/World Language	3.0
Career (Homeroom/Naviance)	0.5
Electives	7.5
TOTALS	28.0

“Graduating with Honors”

The “Graduating with Honors” distinction will be calculated by the school and automatically awarded each year to qualifying graduates. The distinction will be recognized at the graduation ceremony, and on students’ diplomas. To “Graduate with Honors”, students must meet the requirements listed above, achieve 3.9 weighted GPA, and complete five (5) or more credits of the following Advanced Placement or Dual Credit courses:

LANGUAGE ARTS	SCIENCE	ELECTIVE COURSES
AP Literature (A, B, C, .5 credits each)	AP Biology (A, B, C, .5 credits each)	AP Computer Science (A, B, C, .5 credits each)
Writing 121 (.5 credits)	AP Chemistry (A, B, C, .5 credits each)	AP Photography (A, B, C, .5 credits each)
Writing 122 (.5 credits)	AP Physics 1 (A, B, C, .5 credits each)	AP 2D Art & Design (A, B, C, .5 credits each)
	AP Physics 2 (A, B, C, .5 credits each)	AP 3D Art & Design (A, B, C, .5 credits each)
	Anatomy & Physiology (A, B, .5 credits each)	AP Spanish (A, B, C, .5 credits each)
		Spanish 3/4 (Dual Credit Only) (A, B, .5 credits each)
MATH	SOCIAL STUDIES	
AP Statistics (A, B, C, .5 credits each)	AP Human Geography (A, B, C, .5 credits each)	
AP Calculus AB (A, B, C, .5 credits each)	AP Government (A, B, C, .5 credits each)	
AP Calculus BC (A, B, C, .5 credits each)	AP Psychology (A, B, C, .5 credits each)	
Trigonometry & Pre-Calculus (A, B, .5 credits each)	AP United States History (A, B, C, .5 credits each)	
	Economics (Dual Credit Only) (.5 credits)	

COURSE LOAD BY YEAR

Class of 2025 and After

FRESHMAN

Subject	Credit	Our 9th grade students take a fairly standard course load as an entrance to high school. Sample several of SHS's elective offerings based on your interest.
Lit/Comp	1.0	
Math	1.0	
Science	1.0	
Human Geography	0.5	
PE	0.5	
Electives	3.5	
Total	7.5*	

SOPHOMORE

Subject	Credit	Sophomores begin to experience some choice with which classes they take. This is the year many students begin taking an AP or dual credit course. With the remaining elective courses, students should continue to explore possible interests and career pathways.
Lit/Comp	1.0	
Math	1.0	
Science	1.0	
Mod World History	0.5	
Health	1.0	
PE	0.5	
Electives	2.5	
Total	7.5*	

JUNIOR

Subject	Credit	All juniors must take either a writing and a language arts selective <u>or</u> Accelerated Lit/Comp 11. During the junior year, most students use elective slots to explore content of interest and advanced level courses. Students pursuing an Honors or Advanced Honors diploma should seek Advanced Placement and Dual Credit courses in various subject areas.
Lit/Comp	1.0	
Math	1.0	
Science	1.0	
US History	1.5	
Electives	3.0	
Total	7.5*	

SENIOR

Subject	Credit	Much like the junior year, most seniors choose to fill their elective slots with courses that prepare them for their post-high school plans. Students must pay close attention to courses and credits remaining for graduation and their chosen diploma type. The college application process is in full effect early in the fall. Students should work closely with their counselor to understand the process and meet the necessary deadlines. ¹ <i>Students wishing to earn the Honors or Advanced Honors diplomas should refer to the requirements listed on the Diploma Options page</i>
Lit/Comp	1.0	
Math	1.0 ¹	
Science	1.0 ¹	
Government	0.5	
Economics	0.5	
Electives	4.5 ¹	
Total	7.5*	

*A full load each year would yield 30.5 credit opportunities. 28.0 credits are required for graduation.

NOTES:

- Three (3.0) credits of CTE/Arts/World Language must be taken prior to graduation. 2.0 credits (or 1 year of college language) must be in a World Language for students earning an Honors or Advanced Honors Diploma. A large majority of four-year colleges and universities also require 2.0 credits of the same World Language for admission.
- **One (1.0) credit of Computer Technology must be taken prior to graduation.**
- Work for the Career Credit is completed over four years.

ACADEMIC GUIDELINES

GRADING SYSTEM:

Students receive grades in each course at the end of each twelve week period according to the following chart:

ACADEMIC ACHIEVEMENT:

A to D	Credit-Earning Level of Work
F	Failure
I	Incomplete*
P	Passing

*Students have two weeks to make-up an incomplete grade before it turns to an “F”.

Weighted GPA

Grades in all Advanced Placement courses and Dual Credit courses articulated to a 100-level college/university course or above will be weighted according to the chart below. Class rankings determinations are made using the standard GPA. Valedictorian determinations are made using the weighted GPA:

Letter Grade	Percentile	Standard GPA	Weighted GPA
A	90-100	4.0	5.0
B	80-89	3.0	4.0
C	70-79	2.0	3.0
D	61-69	1.0	1.0
F	Below 60	0.0	0.0

COURSE RETAKES:

A course in which a student receives a grade of a “D” or an “F” may be repeated on a space available basis. The “D” and/or “F” grades will remain on the transcript, and both grades will count toward the student’s overall GPA. One of the classes will count toward the core credit area and, if the first attempt had a “D” grade, the other class will count toward the elective credit.

DROPPING COURSES AFTER THE FIVE DAY SCHEDULE CHANGE WINDOW:

In the event that a student is placed incorrectly, has an incomplete schedule, or an error in their schedule, they may request a schedule change. The last day to request a schedule change will be five days after the trimester begins. If a student withdraws from a class after the fifth day of the trimester, they will receive a Withdraw (“W”) or a Withdraw-Fail (“WF”) based on the circumstances leading to the drop and administrative discretion. The only exceptions are teacher/administrator approved level or course changes, which can be made throughout the trimester without penalty. Students must be enrolled for nine or more weeks to earn the full .5 credit in a course. Students enrolled for six to nine weeks may earn from .25 to .5 credit in a course. Students enrolled for less than six weeks in a course will need to work with their counselor to determine credit options.

GRADUATION CEREMONY REQUIREMENTS:

All state and district graduation requirements must be satisfactorily completed before a diploma will be issued and a student can participate in the graduation ceremony.

All students who qualify for a diploma or alternate document should receive public recognition for their educational efforts. It is the district's wish to provide a public ceremony for their graduation exercises. However, situations may arise where a student's behavior violates the discipline policy of the district and the only alternative for discipline is the district's refusal to allow a student to participate in these exercises.

VALEDICTORIAN DISTINCTION:

- Classes of 2025 & 2026 - Students must earn an Advanced Honors Diploma to qualify as a Valedictorian.
- Class of 2027 and beyond - The student with the highest weighted grade point average will be declared the class Valedictorian. In the event of a tie, all students with the highest grade point average will be declared the class Valedictorian.

OUTSIDE ACCREDITED SOURCES OF CREDIT:

A student may bring in up to 4.0 credits from an alternate accredited source (not including dual-credit courses). These may include but are not limited to correspondence courses, non-EOP college credits, or residential centers. All outside sources of credit must be pre-approved via an application available in the counseling center. The application must be submitted before the credits are earned.

TEACHER/OFFICE ASSISTANTS, EARLY RELEASE, LATE ARRIVAL:

The following guidelines apply to all teacher/office assistants and release periods.

1. These courses are available only to juniors and seniors.
2. Unless there are extenuating circumstances approved by an administrator, a student may only take one teacher/office assistant and one release period during any individual trimester.
 - a. OSAA requires students to be on track for graduation, and be enrolled in a minimum of 4 courses during and prior to the current sport's competition season.
3. All TAs are given P/F grades and do not count toward the 28 credits for honors/advanced honors diplomas.

SCHEDULING GUIDELINES

The master schedule is developed based on the choices of students during course selection. We do our best to offer courses that students select and for this reason, it is imperative that students and families carefully consider and select classes for the next school year.

Courses are expected to be very full this coming school year. Counselors will work diligently to ensure that every student begins the year with a full and appropriate schedule for all three trimesters.

In order to preserve the integrity of the schedule, schedule changes will only be allowed for the following reasons:

- Incomplete schedule
- Inappropriate placement (such as Geometry if a student hasn't completed Algebra)
- Errors such as an A and B section during the same trimester or the B section before the A section
- Elective changes may be requested for electives in the same period/trimester only. You may not request to rearrange any or all of your assigned courses to different periods.

Schedule changes will not be made for any of the following reasons:

- Teacher changes
- Switching class periods
- Requesting a different lunch
- Requests based on involvement in athletics

If a schedule change is granted, counselors will use the student's course selection form to identify a replacement course. Please see the [Sherwood High School Schedule Change Policy](#) for additional information.

COUNSELING DEPARTMENT

Counseling Center.....503-825-6020

Enrollments, withdrawals, transcripts:

Sarah Giles	Secretary	sgiles@sherwood.k12.or.us	503-825-6020
Tracie Harbick	Registrar	tharbick@sherwood.k12.or.us	503-825-6022

Counselor	2022-23 Caseload	Email	Phone
Kayla Annen	A - Dg	kannen@sherwood.k12.or.us	503-825-6024
Maggie Hughes-Boyd	Dh - Hm	mhughesboyd@sherwood.k12.or.us	503-825-6023
Yvonne van Andel	Hn-Mg	yvanandel@sherwood.k12.or.us	503-825-6025
Jasmine Langeliers	Mh - Sc	jlangeliers@sherwood.k12.or.us	503-825-6026
Tyrone Stammers	Sd - Z	tstammers@sherwood.k12.or.us	503-825-6027



AVID PROGRAM

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth.

What is AVID?

AVID, Advancement Via Individual Determination, is a global nonprofit organization dedicated to closing the achievement gap by preparing all students for college and other post-secondary opportunities. Established more than 30 years ago with one teacher in one classroom, AVID today impacts more than 800,000 students in 44 states and 16 other countries/territories. See more at www.avid.org

What AVID Does:

Simply, AVID trains educators to use proven practices in order to prepare students for success in high school, college, and a career, especially students traditionally underrepresented in higher education.

How AVID Works:

AVID brings research-based strategies and curriculum to educational institutions in elementary, secondary, and higher education. The AVID System annually provides more than 30,000 educators with training and methodologies that develop students' critical thinking, literacy, and math skills across all content areas throughout the entire campus, in what we call Schoolwide AVID.

AVID Methods:

- Teach skills and behaviors for academic success
- Provide intensive support with tutorials and strong student/teacher relationships
- Create a positive peer group for students
- Develop a sense of hope for personal achievement gained through hard work and determination

AVID Elective Student Profile:

- In the academic middle, may need the support of the AVID class, and *might* be:
 - Part of a historically underserved population
 - from a low-income family
 - a first-generation college attendee from his/her family
 - faced with circumstances that may be obstacles to achievement
 - any combination of the above
- Between a 2.0 and 3.5 GPA, but has a desire to do better
- Displaying appropriate classroom behavior
- Presenting good attendance
- Exhibiting the motivation and desire to prepare for entrance to a four year college or university

For more information about joining one of our AVID Elective courses, please contact the Counseling Office.

ATHLETIC ELIGIBILITY

General Eligibility Guidelines - Trimester Schedule

1. Athletes must pass four (4) classes each trimester, as determined by the OSAA.
2. If an athlete does not pass the required number of classes in any trimester, he or she will be declared ineligible until the end of the next trimester. Eligibility can be restored at that time, provided the athlete has met the minimum requirement of passing at least four classes.
3. A hardship can be attempted through the OSAA for an athlete who is declared academically ineligible, with certain restrictions. To do this, the athlete must have endured a hardship that legitimately kept them from completing the requirements. Generally, behavior, attendance, or lack of effort will not qualify as a hardship.

*Counselors do not track athletic eligibility for OSAA. *

Additional Sherwood High School Eligibility Requirements:

1. A student-athlete must possess at least a 2.0 GPA at the end of each grading period in order to be eligible to compete in athletics/activities at Sherwood High School.
2. The grading periods for the trimester schedule will be every 12 weeks. Eligibility for the beginning of sports seasons is based on the GPA of the previous trimester (fall eligibility is based upon the previous spring's trimester).
3. If a student/athlete is under a 2.0 GPA at the beginning of a trimester, they will be ineligible to compete in games and contests for two weeks. At the end of that two-week period, the student/athlete must have a 2.0 GPA to be eligible.
4. If the student/athlete **does** meet the 2.0 GPA requirements, they will remain on probation until the end of the trimester with bi-monthly grade checks. If they drop below the 2.0 GPA requirements at any time, they will be deemed ineligible for another 2-week period with the same penalties as the start of the trimester.
5. In addition to the 2.0 GPA requirement, student-athletes need to be passing all classes. If a student is listed as having a failing grade in a class at progress report time, they will immediately be ineligible to participate in contests until they are passing.
6. Student-Athletes must be current on their Career Credit and passing Advisory in order to be eligible to compete. There is a 5-day turnaround from completion of an assignment and its input into Naviance.
7. Coaches will not be required to restore playing time to any athlete who has been out with eligibility problems.
8. Hardships are not available for the 2.0 GPA requirements.

**Note: OSAA Rule 8.1.2 states that students must be making "satisfactory progress toward graduation" to be eligible at the beginning of each school year. Student-Athletes must earn 5.0 credits prior to their sophomore year, 11.5 credits prior to their junior year, and 19.5 credits prior to their senior year in order to participate in athletics. Students short of those benchmarks as of the first day of school, will be considered ineligible for the entire school-year.*

NCAA ELIGIBILITY REQUIREMENTS

The NCAA Eligibility Center verifies the academic and amateur status of all student-athletes who wish to compete in Division I or II athletics.

Students who are planning to enroll in college as a freshman and wish to participate in Division I or Division II athletics must be certified by the NCAA Initial-Eligibility Clearinghouse. Students must complete a Student Release Form, available on the NCAA website, and send the original copy and fee payment to the Clearinghouse by the beginning of their senior year. Students register for NCAA eligibility online at: eligibilitycenter.org

Prospective athletes must meet the following eligibility standards in order to practice, play and receive financial aid:

- Graduate from high school.
- Complete a minimum of 16 core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.
- Earn at least a 2.3 grade-point average in core courses.
- Meet an increased sliding-scale standard (see NCAA website for details)
- Successfully complete 10 of the 16 total required core courses before the start of their senior year in high school. Seven of the 10 courses must be successfully completed in Lit/Comp, math and science.

Core courses include the following:

- 4 years of English Language Arts*
- 3 years of mathematics – Algebra I and higher
- 2 years of science – one year must be a lab science
- 1 additional year of Lit/Comp, math or natural/physical science
- 2 years of social science
- 4 years of additional core courses – from any area listed above, or from world language, non-doctrinal religion or philosophy

Division III colleges and universities set their own admission standards. The NCAA does not set initial eligibility requirements in Division III.

For more specific information on eligibility, check out the NCAA official website at www.ncaa.org.

* Counselors do not track athletic eligibility for NCAA.*

****Additionally, NCAA does not accept online courses to fulfill the 16 core credits (BYU Online for example or OdysseyWare online classes).**

ADVANCED PLACEMENT (AP) COURSE INFORMATION

Advanced Placement courses are designed to provide students with a rigorous and challenging curriculum that prepares students for college coursework. These courses require advanced skills and additional study demands outside of the classroom (approximately 5 hours per week). It is strongly recommended that students discuss their plans with their current teacher to ensure they are prepared to be successful in the course. If students are unsure of how an AP course may fit into their four-year plan and post-high school goals, they may also want to meet with their counselor.

Most Advanced Placement courses are three trimesters and students should understand the year-long commitment they are making. There is a fee to take the AP Exam, and registration for the exam will be discussed in the course. Students may request a “fee waiver” for the AP exam if desired.

Students receive college credit according to their score on the AP Exam. The scores required and number of credits granted vary by college or university. Some AP courses are also Dual Credit and students may receive college credit for earning a “B” or better. **AP Courses will be weighted on the student’s final transcript.**

The Advanced Placement courses that Sherwood High School potentially offers are reflected in the chart below. Final course offerings are based on student interest and staff availability:

(* = also a dual credit course)

SHERWOOD HIGH SCHOOL ADVANCED PLACEMENT COURSES	HS Credits
AP Lit/Comp*	1.5
AP Human Geography	1.5
AP European History (Not Offered in 24/25)	
AP United States History*	1.5
AP Government & Politics	1.5
AP Psychology	1.5
AP Biology *	1.5
AP Chemistry	1.5
AP Physics 1	1.5
AP Physics 2	1.5
AP Calculus AB *	1.5
AP Calculus BC *	1.0
AP Statistics	1.5
AP Art	1.5
AP Spanish	1.5
AP Computer Science	1.5

*College credits earned through
AP Exams vary by institution*

DUAL CREDIT COURSE INFORMATION

Dual Credit courses are designed to provide students with exposure to college level work and the ability to earn college credit. It is strongly recommended that students discuss their plans with their current teacher to ensure they are prepared to be successful in a dual credit course. If students are unsure of how a Dual Credit course may fit into their four-year plan and post-high school goals, they may also want to meet with their counselor. Students will register for the college credits during class time. **In order to receive Dual Credit for the course, students must register for the credit with their teacher by the institution deadline. Courses taken for Dual Credit will be weighted on the student's final transcript.** Dual Credit courses that Sherwood High School offers are reflected in the chart below:

DUAL CREDIT COURSES	HS Credits	College	Course	Possible College Credits
Advanced Metal Fabrication	0.5	PCC	WLD 271	3
Anatomy & Physiology	1.0	PCC	BI 121, 122	8
AP Literature	1.5	PCC	ENG 104,106,105	12
AP Biology	1.5	PCC	BI 101,102,103	12
AP Calculus AB	1.5	PCC	MTH 251, 252	9
AP Calculus BC	1.0	PCC	MTH 253	5
AP United States History	1.0	PCC	HST 201, 202, 203	12
CAD for College Engineering	0.5	PCC	CADD 160, 175	7
ENGR3: Advanced Drafting & Design	0.5	PCC	CADD 160, 175	7
ENGR4: Advanced Digital Manufacturing	0.5	PCC	CADD 105	4
Economics	0.5	WP/OIT	ECON 202	3
Furniture/Cab or Bowmen House 1	0.5	PCC	BCT 106	3
Spanish 3/4	1.0	WP/WOU	SPA 101, 102, 103	4
Spanish for Native Speakers	1.0	CCC	SPA 201	4
Trigonometry & Pre-Calculus	1.0	PCC	MTH 111,112	10
Welding 1	0.5	PCC	WLD 116A	3
Welding 2	0.5	PCC	WLD 116B	3
Advanced Welding Techniques	0.5	PCC	WLD 116C	3
Writing 121	0.5	PCC	WR 121Z	4
Writing 122	0.5	PCC	WR 122Z	4
Small Engine Repair	0.5	CCC	AM 118	3

EXPANDED OPTIONS PROGRAM

Sherwood High School, in partnership with Portland Community College, offers the Expanded Options Program for students enrolled in 11th and 12th grade. This program allows our students to:

- Have additional options to continue or complete their education
- Earn concurrent high school and college credits
- Gain early entry into post-secondary education
- Participate in existing accelerated college credit programs
- Enroll full-time or part-time in an eligible postsecondary institution

Our program features many courses pre-approved for college credit which can save thousands of dollars in college costs and up to two years of college coursework. For more details see the Administrative Rule IGBHE-AR on the district website.

To be eligible for the Expanded Options Program, the student:

- Must be in grade 11 or 12 and be 16 years old or older at the time of enrollment
- Must have an approved educational learning plan on file with the high school
- Must not have received a high school diploma
- Must not be a foreign exchange student

In addition, please note:

- The Program does not include any course that duplicates a course we already offer.
- The community college or university must accept the student for admission.
- All EOP courses count toward a Sherwood High School diploma. Final grades from the post-secondary institution will be recorded on both the college and high school transcript.
- There is no cost to you for participating in the Expanded Options Program. Eligible program expenses will either be paid directly by the high school or be reimbursed. Transportation to campus will not be provided by the high school.
- Students may appeal decisions about courses to the Superintendent or the Superintendent's designee.
- Students enrolled full time at Sherwood High School may not enroll in the Expanded Options Program.
- Students may have no more than 5 total courses between the two campuses.

Portland Community College may require that the student take college placement exams and place at minimum level of Writing 115, and Math 60.

Sherwood School District will continue to provide any special education services required for the student.

If students are interested in the Expanded Options Program, they must attend a mandatory orientation session prior to the term in which they wish to enroll. Approved students must turn in a new billing authorization form for **each term** that they intend to participate in the program.

- Read SHS EOP requirements and expectations and meet with a counselor to go over the education plan and application.
- Turn completed forms into the Career Center **no later** than four weeks before the first day of classes at PCC, or the last day of school at SHS in the previous school year for the following fall term.
- Take PCC placement tests where needed.
- Complete the PCC New Student Orientation online at www.pcc.edu
- Complete the Online Orientation if interested in an Online Course.
- Create a MyPCC account and register for pre-approved classes. Students may be billed directly for classes that were not pre-approved. To discuss individual eligibility and options, contact the Counseling Office.

DEFINING STANDARDIZED TESTS

College Process Exams:

- **The ACT** - contains four multiple-choice tests—English, mathematics, reading, and science—and an optional writing test. These tests are designed to measure skills that are most important for success in postsecondary education and that are acquired in secondary education. This exam may or may not be required by the 4-year College or University of your choice. Sherwood High School traditionally offers this test for free to 11th grade students in the Spring. Check [here](#) for additional testing sites and dates locator. Free test prep resources are available [here](#).
- **SAT** - contains two multiple-choice tests—Math and Evidence-Based Reading and Writing. The purpose of the SAT is to measure a high school student's readiness for college, and provide colleges with one common data point that can be used to compare all applicants. This exam may or may not be required by the 4-year College or University of your choice. Please speak with your counselor to determine whether or not you need to take the exam. Check [here](#) for the testing sites and dates locator. Free test prep resources are available [here](#).
- **PreACT** - contains four multiple-choice tests—English, mathematics, reading, and science. These tests are designed to measure skills that are most important for success in postsecondary education and that are acquired in secondary education and prepare students for the ACT Assessment. Sherwood High School traditionally offers this test for free to 10th grade students in the Fall.
- **PSAT** - contains five sections—Two multiple-choice critical reading sections, two math sections, and a writing skills section. The PSAT is one of the selection criteria used by the National Merit Scholarship Program. Students who do well on the exam can earn scholarship money for college. Check [here](#) for information about taking the PSAT. Free test prep resources are available [here](#).

Interest Inventory Exams for Career Exploration:

- **ASVAB** - contains nine multiple-choice tests—Arithmetic Reasoning, Assembling Objects, Auto and Shop Information, Electronics Information, General Science, Mathematics Knowledge, Mechanical Comprehension, Paragraph Comprehension, and Word Knowledge. This is knowledge you would have acquired in high school. However, there are sections of the test that you may not have been specifically taught in class, but measure your knowledge of necessary skills for certain positions, such as mechanical comprehension. Often used to identify which military jobs would be best for you, taking the ASVAB is not exclusively for military service. It can also be used as a measure of your knowledge and skills as you explore career options. Free test prep resources are available [here](#).

Others are available through the SHS Career Center.

POST-SECONDARY INFORMATION

Trades Programs, Apprenticeship Programs, and 2-year / Community College:

Trades Programs: There are several trade programs available to high school graduates looking to begin a career in a trade field. Some trades programs are offered through community colleges like Portland, Clackamas, and Chemeketa Community Colleges. While others are not affiliated with a local college. See your school counselor or the Career Center for more information.

Apprenticeship Programs: There are several apprenticeship opportunities available to high school graduates looking to begin a career in a trade field. Several union apprenticeship programs are identified on BOLI Oregon's [webpage](#). Though there are also non-union apprenticeships available as well. See your school counselor or the Career Center for more information.

2-year/Community College: A simple application and possible placement tests are required. The application deadline is also typically later than a 4 year college.

- Community colleges mainly award associate degrees and postsecondary certificates. Associate degrees usually take about two years to complete full time. Certificates can take anywhere from a few months to several years to complete.
- Transfer schools typically award associate's degrees which may be equivalent to the first two years of a bachelor's program and can be designed for students planning on transferring to a 4-year college/university.
- Technical colleges tend to focus on credentials that lead directly to the workforce.
- High wage careers that require 2-years of training or less to enter the field - nursing, avionics equipment mechanic and technician, dental hygienists, electrical or electronic engineering technician, Mechanical engineering technician, and Medical lab technologist or technician to name a few.

Universities and 4-year Colleges:

4-year College or University: Core course requirements vary from state to state, and many of the more selective colleges will want to see a high school record that goes beyond minimum graduation requirements. AP and dual credit courses are a must at the most selective schools. Also, some schools require one year or more of fine/applied arts and three or more years of consecutive world language. It is the student's responsibility to check the admission requirements of the specific schools they plan to apply to as requirements may change annually.

- 4-year colleges and universities typically offer bachelor's and graduate degrees. A bachelor's degree generally takes four years to complete, but this can vary depending on the field of study and the individual. Graduate degrees can add one to eight years to your educational experience, depending on the desired degree.
- A bachelor's degree is required for various entry-level positions in the job market. Students most commonly earn a Bachelor of Arts or Bachelor of Science, but other types of specialized bachelor's degrees are available. A Bachelor of Arts (B.A.) program is a broad course of study based on the humanities, as well as theoretical and general studies in a certain major. A Bachelor of Science (B.S.) program is focused on a particular field of study with a technical emphasis.

Military Opportunities:

Military: The United States military branches offer training and job opportunities after high school. Military representatives from all the armed services visit SHS offering information to students. SHS has resources for preparing for the ASVAB. An online practice exam is available [here](#).

Working Right Out Of High School:

Entry to the workforce: There are job opportunities available in many sorts of industries and business sectors for high school graduates. See your counselor or the Career Center for help in exploring what opportunities await you.

Other Options:

GAP Year: This is a year taken off from a person's education, especially between high school and college, often to travel, volunteer, or gain practical experience. There are several organizations that sponsor travel abroad and/or volunteer opportunities for students to explore during their GAP year. See your school counselor for more information.

CAREER PATHWAYS AT SHERWOOD HIGH SCHOOL

Sherwood High School offers seven unique career pathways for students who show interest in exploring the respective career fields. The pathways are designed to give students a brief picture of the many options that are available to them within these careers.

Many students who achieve the career pathway may move on to majors in college or enter directly into the workforce where they will make a living wage after graduating from high school. These programs enable students to enhance their college and scholarship application, as well as build their skill set for employment by differentiating themselves from other similar candidates.

If students are interested in other fields of study, not listed below, please connect with the Career Center or your Counselor for advice on courses to explore in high school.

Agricultural Science

Business

Computer Science

Construction

Culinary Arts & Hospitality Management

Engineering/Architecture

Metal Fabrication

SHERWOOD HIGH SCHOOL

COURSE OFFERINGS

2024-2025

2024-2025 COURSES AT A GLANCE

Agricultural Science

Advanced Horticulture *
Animal Science
Advanced Animal Science
CTE Apprentice: Ag Sci *
Intro to Ag. Sci. & Technology
Plant & Greenhouse Mgmt. A *
Plant & Greenhouse Mgmt. B *
Veterinary Science *
Wildlife & Forestry Sciences

Art

2-D Art
3-D Art
Advanced Art Portfolio - 2D *
Advanced Art Portfolio - 3D *
AP Studio Art - 2D * # \$
AP Studio Art - 3D * # \$
AP Studio Art - Photo * # \$
Ceramics 1, 2 *
Drawing 1, 2 *
Metal & Jewelry 1, 2 *
Painting 1, 2 *
Photography 1
Photography 2 *
Printmaking *
Studio Apprentice *

ASC

Academic Success Center
Language Arts Intervention
Math Intervention
Peer Tutor
Credit Recovery

Business

Accounting
Adv. Business Procedures *
Criminal & Civil Law
Workplace & Property Law
Entrepreneurship/Sm. Bus. Mgmt. *
Introduction to Business
Marketing Essentials
Skills for Marketing
Personal Financial Management

Key:

* = Pre Req.

= College Credit Opportunity

\$ = Optional Fee (Competition or AP Test)

Career-Related

Advanced Leadership *
AVID 10, 11, 12*
AVID Study Skills
Beginning Leadership
Cadet Teacher
College/Career Ctr. Assistant *
Counseling Cntr. Assistant *
Leadership Council *
Life Skills Peer Tutor *
Main Office Assistant *
Media Center Assistant *
Teacher Assistant *
Early Release

Computer Science (CTE)

Advanced Computer Science
AP Computer Science * \$
Intro to Computer Applications
Computer Science A
Computer Science B
Computer Science Principles A
Computer Science Principles B
Digital Graphic Design 1
Digital Graphic Design 2 *
CTE Apprentice: Video Production *
ESports
Game Design
Video Production 1
Video Production 2 *

Construction/Woodworking (CTE)

Advanced Woods Projects 1 *
Advanced Woods Projects 2 *
Bowmen House 1# *
Bowmen House 2 *
Bowmen House 3 *
CTE Apprentice: Constr/Woods *
Furniture & Cabinetry# *
Technical & Adv. Turning Tech. *
Woods 1

Culinary Arts & Hospitality Mgmt.(CTE)

Advanced Food Technique *
Culinary Arts Internship*
CTE Apprentice: Culinary Manager *
Foods & Nutrition 1
Foods & Nutrition 2 *
Intro to Baking & Pastries *

Drama & Theatre

Drama 1
Drama 2 *
Drama 3
Technical Theatre

Engineering/Architecture (CTE)

Architecture 1
Architecture 2 *
Architecture 3 *
Architecture 4 *
CAD for College Engineering #
CTE Apprentice: Eng/Arch *
ENGR1: Intro to Drafting and Design
ENGR2: Rapid Prototyping *
ENGR3: Adv Drafting and Design * #
ENGR4: Adv Digital Manufacturing * #
ENGR5: Engineering Projects *

Family and Consumer Science (FACS)

Advanced Textile Construction *
Child Development
Interior Design & Draft. 1
Interior Design & Draft. 2 *
Textiles 1
Textiles 2 *

Language Arts

Acc. Lit/Comp10 *
Acc. Lit/Comp11/12 *
AP Lit/Comp * # \$
Composition
Contemporary Literature
Creative Writing 1 (Stories)
Lit/Comp 9
Lit/Comp10
Literature of a Genre (Sci Fi / Fantasy)
Literature of an Author: Shakespeare
Writing 121 # *
Writing 122 # *

LA. Electives (Not Eng. Credit)

Editor's Seminar *
Journalism
Sports Writing
News Magazine
Yearbook

Mathematics

Algebraic Foundations
Algebra 1
Algebra 2 *
AP Calculus AB * # \$
AP Calculus BC * # \$
AP Statistics
Data Science
Discrete Math-Foundations of Logic *
Discrete Math-Visual Applications *
Financial Algebra
Geometry *
Pre-Calculus & Trig. # *
Probability & Statistics *

Metal Fabrication (CTE)

Adv. Welding Techniques # *
CTE Apprentice: Metals *
Metal Fabrication #*
Small Engine Tech #
Advanced Small Engine Tech
Welding 1#
Welding 2 # *

Key:

* = Pre Req.

= College Credit Opportunity

\$ = Optional Fee (Competition or AP Test)

Music

A Cappella Choir *
Bowmen Band *
Bowmen Chorus
Concert Band *
Concert Choir *
Inst. Music Apprentice *
Jazz Band *
Percussion Techniques
Wind Ensemble *
Vocal Music Apprentice

Physical Ed./Health

Adv. Fitness & Strength Training *
Aerobics
Basketball Activities
Health
Intro to Fitness & Strength Training
Lifetime Fitness
SAQ
Team Sports *
Mindfulness Studies

Science

Anatomy/Physiology # *
AP Biology * # \$
AP Chemistry * # \$
AP Physics 1, 2 * # \$
Astronomy
Botany
Chemistry *
Environmental Science *
Forensic Science A, B, C *
Intro. to Forensic Science
Life Science A
Physical Science A
Physics *

Social Science

AP European History * # \$
AP Human Geography * # \$
AP Psychology * # \$
AP US History * # \$
AP US Government & Politics * # \$
Constitutional Law *
Current Events
Economics #
Government
History through Cinema
Human Geography
Modern World History
Native American History & Indigenous Studies
Psychology for Life, Health and Happiness
Sociology
The Law & Your Rights
US History *
World War II Holocaust *

Special Programs

Access *
Consumer Mathematics *
Expanding Language Skills - Content and Language *
Functional Academics *
Independence Academy *
Independent Study *
Vocational Education *

World Language

AP Spanish * # \$
Spanish 1
Spanish 2 *
Spanish 3 # *
Spanish 4 # *
Spanish For Spanish Speakers#*

ACADEMIC SUCCESS CENTER (ASC)

The Academic Success Center (ASC) is a Tier 3 proactive academic support class aligned with Sherwood High School core classes. The ASC curriculum includes direct instructional intervention to support the success of the student's personal and academic growth. Students will also spend time on the development of advocacy, time management and executive function skills. Students utilizing the ASC will be given opportunities to improve their skills, prioritize their academics and build their self-confidence. The ASC also offers credit recovery opportunities for students who are credit deficient. Placement in ASC is based on data, teacher/counselor referral and the Student Support Team's recommendation. Elective credit is awarded (Pass/Fail) based on the student's academic progress, recovery of credit, participation, engagement, and completion of daily rotations and weekly academic check-ins.

Peer Tutor

19099PT

Prerequisite: Student Application

Level: 10-12 Grad Requirement: EL Trimesters: 1

This course is designed for students who enjoy working with their peers to support them in learning and/or are looking into the field of education. Possible placements could include direct placement in an academic course, or supporting students through the Academic Success Center. Applications are required for this course. Students will receive a letter grade upon completion of the course. [Video Description](#).

Academic Success Center

Prerequisite: Counselor Recommendation

Level: 9-12 Grad Requirement: N/A Trimesters: 1

The Academic Success Center (ASC) is a Tier 3 proactive academic support program. The ASC curriculum includes direct instructional intervention to support the success of the student's personal and academic growth. A student may be placed in a Math Intervention Class, a Language Arts Intervention Class or offered credit recovery opportunities - if they are credit deficient. Placement in ASC is based on data, teacher/counselor referral and the Student Support Team's recommendation. All courses within the ASC are graded on a Pass/Fail basis.

Credit Recovery

Prerequisite: Counselor Recommendation & Administrative Approval

Level: 10-12 Grad Requirement: EL Trimesters: 1

In rare circumstances, students may complete online-based credit recovery to recoup missing high school credit. Credit is awarded (Pass/Fail) based on the student's completion of the online course. Students may earn up to 4.0 credits through credit recovery courses while at SHS with prior approval from administration and the ASC.

Academic Intervention

Prerequisite: Counselor Recommendation

Level: 9-12 Grad Requirement: EL Trimesters: 1

Students in an ASC Academic Intervention class will receive direct instruction and individualized intervention for their specific academic needs. Students will work on their language arts, math, science or other core class assignments, notes, and any other required coursework. This class is intended to support the student in gaining the necessary academic skills to successfully pass their courses and build the skills necessary to continue to find success in school.

Note: Students will be placed in ASC courses based on a combination of demonstrated student need, counselor, teacher, and family recommendation. To request placement in an ASC course, please contact your high school counselor.

AGRICULTURAL SCIENCE

AGRICULTURAL SCIENCE CAREER PATHWAY

CAREER TECHNICAL EDUCATION (CTE)

The Agricultural Science Career Pathway is offered by the Sherwood High School Agricultural Science & Metal Fabrication Department to students interested in possibly pursuing a future in the trades or agricultural industry. The pathway is designed to give students a brief picture of many of the different career paths they may take as they pursue an agricultural, natural resources, or metal fabrication after high school.

Many students who achieve the Agricultural Science Career Pathway will move on to Agricultural Science, Forestry, Welding, Diesel Mechanics, and Agricultural Business Management majors in college or enter directly into the workforce where they will make a living wage directly out of High School. This program will enhance students' college and scholarship applications, as well as build their skill set for employment, while differentiating themselves from other similar candidates. Pathway recipients will be recognized during their senior year and at graduation.

HOW CAN THE AGRICULTURAL SCIENCE CAREER PATHWAY HELP YOU?

1. It will differentiate you from other students of equal qualifications when applying for colleges and universities.
2. It will differentiate you from other students of equal qualifications when applying for scholarships.
3. It will differentiate you from other job applicants when applying for a job due to real job site experience.
4. It will offer you a wide variety of experience within the agricultural and welding industry to help you make a more educated decision about your future and your post high school career.
5. It will provide you with skills and knowledge which can translate into a variety of positions which will provide you with immediate earning potential.

REQUIRED CLASSES

- Introduction to Agricultural Science & Technology
- Animal Science
- Plant & Greenhouse Management A

TOTAL REQUIRED CREDITS

CREDITS

0.5
0.5
0.5
1.5

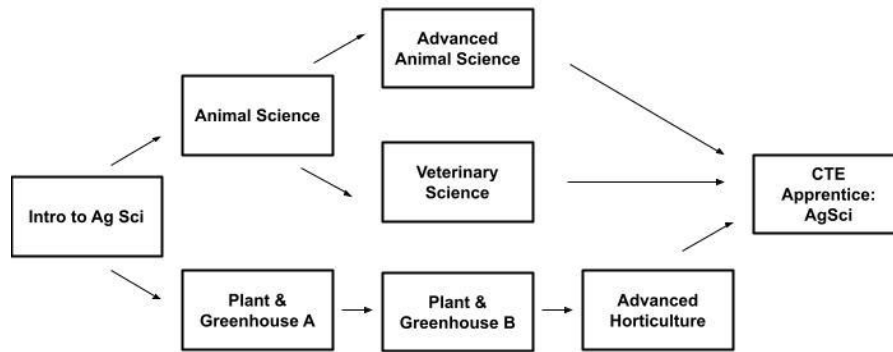
ADDITIONAL OFFERINGS (You must complete 1.5 credits of the following options)

- Vet Science
- Wildlife & Forestry
- Plant & Greenhouse Management B
- Advanced Animal Science
- Advanced Horticulture A
- Advanced Horticulture B
- Small Engine Repair
- Welding 1
- Welding 2
- Metal Fabrication
- Advanced Welding Techniques
- CTE Apprentice
- Advanced Small Engine Repair

TOTAL CREDITS FOR PATHWAY

0.5
0.5
0.5
0.5
0.5
0.5
0.5
0.5
0.5
0.5
0.5
0.5
0.5
3.0

AGRICULTURAL SCIENCE (cont.)



Intro to Agricultural Science & Technology

18002XA

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course is an overview of the entire AST Program and is designed for students just entering into the AST Program. Students will be introduced to various aspects of agriculture and agribusiness. The major emphasis is exploring the different career fields essential to agriculture through hands-on experiences, scientific laboratory experiments, field trips, and FFA Career Development Events. Units covered in the trimester are animal science, consumer science, food science, plant science, and leadership.

Plant & Greenhouse Management A

18052XA

Prerequisite: Intro to Ag Science & Tech

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course provides hands-on as well as classroom instruction focused on principles of plant science. Greenhouse plant production makes up a major portion of this course. Other areas of horticulture studied in this section are careers, propagation, essential growth factors, plant classification, hydroponics, disease and pest control, and tissue culture. Students will be expected to transplant and care for several species of floral plants.

(Dual Credit with PCC – See Instructor/Counselor)

Plant & Greenhouse Management B

18052XB

Prerequisite: Plant & Greenhouse Management A

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course covers areas such as plant health, floral design, pruning, landscape design and construction, chemical safety and application, and marketing of horticultural crops. Greenhouse plant production makes up a major portion of this course.

(Dual Credit with PCC – See Instructor/Counselor)

Advanced Horticulture

18098XA, 18098XB

Prerequisite: Intro to Ag Science & Tech + Plant & Greenhouse

Level: 11-12

Grad Requirement: SL

Trimesters: 2

NCAA Approved

This course is designed for the serious Agricultural Science and Technology student. Students will oversee and manage greenhouse crops, including supervising transplanting and propagation. This course allows a student to develop critical skills and knowledge for career, college and life. Students who take this course must be self-motivated.

Animal Science

18101XZ

Prerequisite: None

Level: 10-12

Grad Requirement: SL

Trimesters: 1

Discover how domesticated animals influence and impact our daily lives. Students will learn about livestock history and domestication, handling and behavior, nutrition, reproduction, genetics, selection, and marketing as well as production systems for a variety of animal species. Some species include horses, poultry, swine, sheep, and cattle. Students will identify careers and opportunities related to the production of livestock.

Advanced Animal Science

18101XX

Prerequisite: Animal Science

Level: 10-12

Grad Requirement: SL

Trimesters: 1

After learning about anatomy and physiology systems in animal science this advanced level takes students on a deep dive into the different livestock industries. Looking at the major livestock species we will explore how animals are produced by farmers and see how each operation differs from one another. The species we will look at include Cattle, Sheep, Swine, Goats, Poultry, and some specialty animals.

AGRICULTURAL SCIENCE (cont.)

Veterinary Science

18105XZ

Prerequisite: Animal Science

Level: 10-12

Grad Requirement: SL

Trimesters: 1

The second half of the Animal Science pathway will provide motivated students with foundations in veterinary science applications or raising and breeding animals. Students will study and apply techniques regarding various treatments and basic vet care. Topics of study will include anatomy and physiology, diseases, parasites, viruses, and preventative care. Students will explore career opportunities in veterinary related fields.

Wildlife & Forestry Sciences

18504XX

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course studies habitats and ecosystems for fish and wildlife species both native and non-native to our environment. This course will also feature forestry practices and the concerns over the use of our natural resources. Students will obtain knowledge in these areas through hands-on laboratory activities, classroom studies, field trips, and FFA career development events.

CTE Apprentice - Ag Sci (Project Based)

18304CA

Prerequisite: Successful completion of previous AG Sci courses and Teacher approval

Level: 11-12

Grad Requirement: SL

Trimesters: 1

This course combines aspects of Ag Sci, Independent Study and Academy Teaching. This course will focus on independent Ag Sci projects, while also assisting in the program as needed.

ART

VISUAL ARTS LEADER DISTINCTION

The Visual Arts Leader Distinction is offered by the Sherwood High School Arts Department to students interested in expanding their awareness and readiness to lead through deepening their knowledge of conceptualizing, creating and investigating the visual arts. The distinction is designed to support students in gaining knowledge and experience in a variety of areas that will help them in their future endeavors.

Many students who focus on visual arts in high school will move on to design and applied arts, visual art, marketing, architecture, education or media communications majors or minors in college. There are a wide variety of career possibilities available to those with an interest and background in these areas.

WHY SHOULD YOU COMPLETE THE VISUAL ARTS LEADER DISTINCTION?

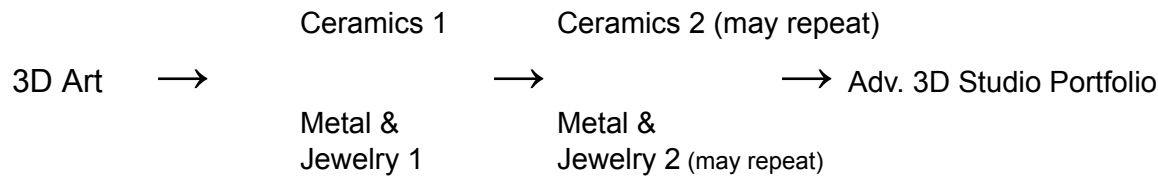
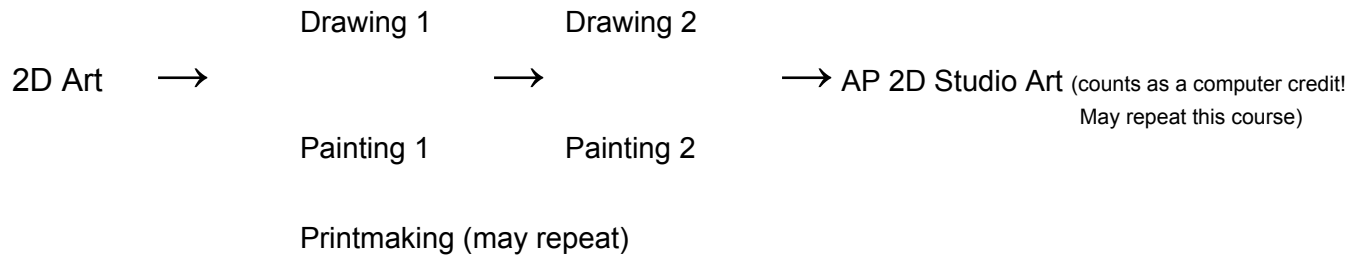
1. When applying for colleges and universities, scholarships, or jobs it will show your commitment to deepening your knowledge in these areas.
2. A student who earns the Visual Arts Leader Distinction will have gained experience and knowledge to help them contribute to society in meaningful and diverse ways.
3. Every graduating student who earns the Visual Arts Leader Distinction will be recognized with a cord at graduation to honor their achievement.

Visual Arts Leader Distinction Requirements:

To earn the Visual Arts Leader Distinction, you must earn at least 3.5 credits from Visual Arts Electives. Please note that at least 1.5 credits must come from AP classes.

AP Must complete at least one:	Additional Qualifying Electives
AP 2D Design (1.5 credits) AP Photo (1.5 credits) *You will learn about and apply for this distinction in these courses	2D Art (.5) Drawing 1 (.5) Drawing 2 (.5) Printmaking (.5) may be repeated Painting 1 (.5) Painting 2 (.5) Photo 1 (.5) Photo 2 (.5) 3D Art (.5) Ceramics 1 (.5) Ceramics 2 (.5) may be repeated Jewelry 1 (.5) Jewelry 2 (.5) Studio Apprentice (.5) may be repeated
Total credits required from the above for Visual Arts Leaders Distinction: 3.5	

ART (cont.)



2D Art

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This is the introductory class geared toward students of all skill levels. Students experience a variety of media including drawing, collage, and painting learning new techniques and material application.

05155XX

Drawing 1

Prerequisite: 2D Art

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This class elaborates on the skills taught in 2-D Art and will maintain a sketchbook. More in depth drawing assignments will be completed with continued experimentation with new media. Projects may include the use of colored pencil drawing, pastels, and charcoal. Mixing media will also be incorporated and encouraged! Starting with Realism, students will learn to draw what they see and how to make the ordinary extraordinary.

05155DA

Drawing 2

Prerequisite: Drawing 1

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This class elaborates on the skills taught in drawing and will maintain a sketchbook. More in depth drawing assignments will be completed with continued experimentation with new media and concept development.

05155DB

Printmaking

Prerequisite: 2D Art, this course may be taken more than once for credit.

Level 9-12

Grad Requirement: SL

Trimesters: 1

This course teaches students how to make multiple prints through various printmaking techniques. Students will create collagraphs, relief print, etching and experimentation with screen printing t-shirts. Drawing and design is a large portion of this course, as it is the first step in printmaking. Students re-enrolled in this course will complete extensions.

05161XX

Painting 1

Prerequisite: 2D Art

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course explores watercolor, acrylic and mixed media painting. Students will have more freedom to create content of their choosing, developing their artistic voice. Color mixing and application will be studied and mastered by the end of the course.

05155PA

Painting 2

Prerequisite: Painting 1

Level: 10-12

Grad Requirement: SL

Trimesters: 1

Students are given an opportunity to further their painting skills and concept development at an advanced level.

05155PB

ART (cont.)

3D Art

05158XX

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This is an introductory art course requiring no previous experience and will focus on creating 3-D forms. Students will have the opportunity to create sculptures and functional objects in a variety of materials including clay, metal and much more. [Video Description](#)

Ceramics 1

05159XA

Prerequisite: 3D Art

Level: 9-12

Grad Requirement: SL

Trimesters: 1

Ceramics students will build upon the knowledge they learned in 3-D Art to create sculpture and pottery out of clay. Students will learn how to utilize tools such as the pottery wheel, slab roller, extruder as well as increase their knowledge in surface decoration, glazing and firing. [Video Description](#)

Ceramics 2

05159XB

Prerequisite: Ceramics 1, this course may be taken more than once for credit.

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course builds on the skills covered in Ceramics 1. Students will learn techniques to build larger and more complex forms both on the wheel and by hand. Students will experiment with alternative surface techniques such as mixed media and decals as well as various types of firings such as salt, soda, and raku. Students re-enrolled in this course will complete extensions. [Video Description](#)

Metal & Jewelry 1

05166ZA

Prerequisite: 3D Art

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course teaches the foundations of metalworking and jewelry. Students will work with a wide variety of materials including: copper, brass, nickel, wire, and beads. Students will learn techniques such as loom beading, texture milling, patinas and connecting metal through the process of soldering with a torch. The class will culminate with the creation of a ring with a set stone. [Video Description](#)

Metal & Jewelry 2

05166ZB

Prerequisite: Metal & Jewelry 1

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course builds on the skills covered in Metal and Jewelry 1. More in depth investigations of metal working processes will be covered as well as experimentation with new processes such as enameling and resin. [Video Description](#)

Photography 1

05167XA

Prerequisite: None, 2-D Art is strongly recommended

Level: 10-12

Grad Requirement: SL/CT

Trimesters: 1

This is an introductory course to photography designed to offer a variety of photographic experiences with an emphasis on using Digital Single-Lens Reflex (DSLR) cameras and the Adobe Design Creative Suite. This course builds a foundation for understanding various photographic processes through visual literacy, creative choice, and personal expression. [Video Description](#)

Photography 2

05169XX

Prerequisite: Photo 1

Level: 10-12

Grad Requirement: SL/CT

Trimesters: 1

This is an intermediate course to photography which reinforces and builds upon concepts explored in Photo I. Students will advance their skills using DSLR cameras and the Adobe Design Creative Suite as well as alternative photographic methods. An emphasis on visual literacy, creativity, rigor and concept are expected. [Video Description](#)

Advanced Art Portfolio - 2D

051700A, 051700B, 051700C

Advanced Art Portfolio - 3D

051701A, 051701B, 051701C

Prerequisite: Intermediate Art course(s) & Teacher recommendation

Level: 11

Grad Requirement: SL/CT

Trimesters: Minimum 2

This class is offered to students who are dedicated to the art and are willing to work on a portfolio for two to three trimesters. Students focus on a chosen concentration for this class to develop a series of works that are related. This is the **preliminary AP Studio Art course** that focuses on expanding art techniques and portfolio development. Work created in this course may be used the following year as part of the AP Studio Art Portfolio. This course will be held jointly with AP Studio Art and follows the identical curriculum and expectations.

ART (cont.)

AP Studio Art - 2D

051740A, 051740B, 051740C

AP Studio Art - 3D

051751A, 051751B, 051751C

AP Studio Art - Photo

05174GA, 05174GB, 05174GC

Prerequisite: Intermediate Art course(s) & Teacher recommendation

These courses may be taken more than once for credit with the submission of multiple portfolios.

Level: 11-12

Grad Requirement: SL/CT

Trimesters: 3

Based on their background and area of expertise, students will choose either 2D, 3D, or Photo.

These courses are designed for those students who are able to achieve at a level of rigorous study and scope of work equivalent to a college level course in Art, both in skill and content. All students enrolled will create a portfolio that is based around a sustained investigation topic of choice. Students are required to work beyond the classroom period and develop a finished portfolio to be submitted to the AP College Board for scoring. ***Students who pass the AP Exam will have an opportunity to earn college credit.***

Please note that this yearlong course can also fulfill all required computer credits for graduation!

Studio Apprentice

05199XX

Prerequisite: Teacher recommendation

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This for-credit course combines aspects of studio art, Independent Study, and Academy Teaching. This course focuses on independently based studio art work and skill independently, while assisting within the classroom as needed.

AVID

AVID Study Skills

22007XX

Prerequisite: None

Level: 9

Grad Requirement: EL

Trimesters: 1

The goal of this course is to prepare students for high school and beyond by teaching skills and behaviors for academic success. It creates a positive peer group for students and builds a foundation of academic strategies to support student success in building.

AVID 10

220040A, 220040B

Prerequisite: Application Process

Level: 10

Grad Requirement: EL

Trimesters: 2

The goal of this course is to prepare students for college by teaching skills and behaviors for academic success. It provides intensive support with tutorials and strong student/teacher relationships, creates a positive peer group for students, and develops a sense of hope for personal achievement gained through hard work and determination.

AVID 11

220041A, 220041B

Prerequisite: Application Process

Level: 11

Grad Requirement: EL

Trimesters: 2

The goal of this course is to prepare students for college by teaching skills and behaviors for academic success. It provides intensive support with tutorials and strong student/teacher relationships, creates a positive peer group for students, and develops a sense of hope for personal achievement gained through hard work and determination.

AVID 12

220042A, 220042B

Prerequisite: Application Process

Level: 12

Grad Requirement: EL

Trimesters: 2

The goal of this course is to prepare students for college by teaching skills and behaviors for academic success. It provides intensive support with tutorials and strong student/teacher relationships, creates a positive peer group for students, and develops a sense of hope for personal achievement gained through hard work and determination.

BUSINESS

BUSINESS CAREER PATHWAY

The Business Career Pathway is offered by the Sherwood High School Business Department to students interested in possibly pursuing a future in the business world. The pathway is designed to give students a well-rounded picture of all of the different career paths they may take as they further pursue a business career after high school. Students are taught the basics of Accounting, Business and Personal Law, Marketing, Finance, Small Business Management and Entrepreneurship.

Most students who achieve the Business Career Pathway may move on to a business major in college. This program enables students to enhance their college and scholarship applications, while differentiating themselves from similar candidates. Pathway recipients will be recognized during their senior year and at graduation.

HOW CAN THE BUSINESS CAREER PATHWAY HELP YOU?

1. It differentiates you from other students of equal qualifications when applying for colleges and universities.
2. It differentiates you from other students of equal qualifications when applying for scholarships.
3. It offers you a wide variety of experience within the business world to help you make a more educated decision about your future and your post high school career.

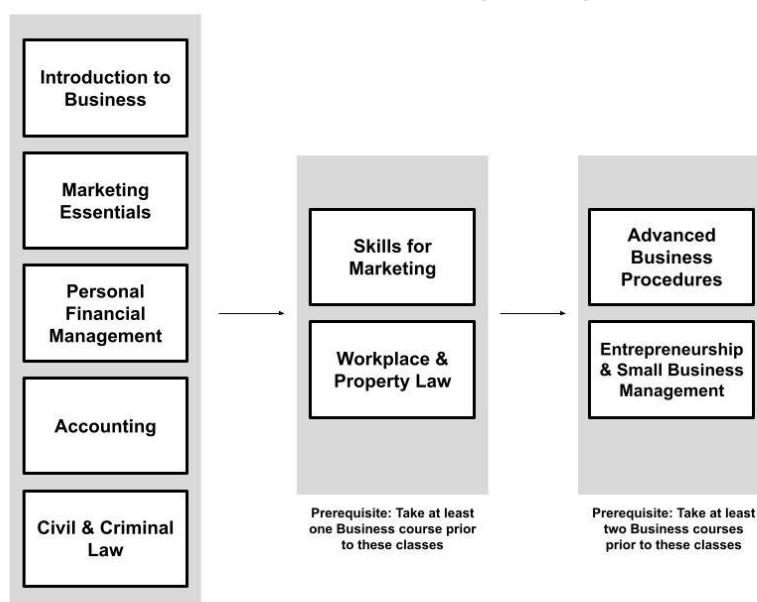
Choose 3.0 Total Credits From The Following Courses:

• Introduction to Business (Formerly Financial Management)	0.5
• Personal Financial Management	0.5
• Marketing Essentials (Formerly Marketing 1)	0.5
• Skills for Marketing (Formerly Marketing 2)	0.5
• Accounting	0.5
• Criminal & Civil Law (Formerly Business Law 1)	0.5
• Workplace & Property Law (Formerly Business Law 2)	0.5
• Entrepreneurship and Small Business Management	0.5
• Advanced Business Procedures (Archers Corner/Student Store)	0.5

ADDITIONAL SUGGESTIONS

- Work experience (may include student store)
- Job shadow/Internship (completion as part of our Career Credit requirement)
- Career/Industry Research (to be completed as part of coursework)

BUSINESS (cont.)



Introduction to Business (formerly Financial Management)

12051XX

Prerequisites: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course provides opportunities to learn and experience a variety of topics in the field of business. Students are exposed to various economies, their roles in our economy, entrepreneurship, marketing, managing financial and technological resources, and the use of social media. Course activities involve students in writing, investigating, problem-solving, demonstrating, and reporting business activities.

Accounting

12104XA

Prerequisite: None

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course teaches the complete fundamental accounting cycle, special systems for recording accounting transactions, and accounting topics related to all types of business, including emphasis upon merchandising business organizations. This course is highly recommended for those interested in pursuing accounting for occupational purposes, for those planning to own their own business, or for continuing accounting training.

Marketing Essentials (formerly Marketing 1)

12151XX

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course investigates marketing principles such as advertising, creating a marketing plan, niche marketing, traits of a private enterprise system, supply and demand, and inventory control.

Skills for Marketing (formerly Marketing 2)

12152XX

Prerequisite: Successful completion of at least one business course.

Level: 9-12

Grad Requirement: SL

Trimesters: 1

Students will learn elements of the sales process, marketing information management, entrepreneurship, management structures and functions, and finance. We will also discuss and identify career opportunities in the field of marketing.

Personal Financial Management

12051PX

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course covers a consumer's role in the global economy. Students will cover topics of personal finance and understand their role in today's economy. Topics include personal tax responsibilities, understanding & selecting types of insurance, managing personal finances, working in the global economy, using credit to buy goods and services, and planning a career in today's world.

Advanced Business Procedures

12199XA, 12199XB, 12199XC

Prerequisite: Successful completion of two business courses. Personal Financial Management and Introduction to Business together only count as one course toward this requirement.

Level: 11-12

Grad Requirement: SL

Trimesters: 1

Students will learn the principles involved in running a day-to-day business through the operation of the student store. Students will have an opportunity to practice the following principles in a real life setting: accounting, marketing, human relations, sales, customer service and many more applicable principles. Students will be evaluated on their performance on the job as well as special projects assigned during the trimester.

BUSINESS (cont.)

Criminal & Civil Law (formerly Business Law 1)

15057XX

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course is designed to introduce the foundations of our legal system. Students will explore civil and criminal law and discuss how the law is an important part of our society. We will discuss current events related to the law and talk about the various elements of the law.

Workplace & Property Law (formerly Business Law 2)

12054XX

Prerequisite: Successful completion of at least one business course.

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course will discuss elements of business and personal laws including contracts and workplace laws. This course will help prepare students for a future in business or the law.

Entrepreneurship & Small Business Management

12053XA

Prerequisite: Successful completion of two business courses. Personal Financial Management and Introduction to Business together only count as one course toward this requirement.

Level: 11-12

Grad Requirement: SL

Trimesters: 1

This course is designed to help students understand business/marketing principles necessary to start and operate a business. Entrepreneurship is designed to expand on the knowledge gained in Marketing. Students will have an opportunity to develop the skills, attitudes, and knowledge necessary to be successful entrepreneurs. Sixty percent of students taking high school business courses state that they would like to someday own and operate their own business. Main areas of focus for this course will include: Learn the basics of ownership and operations of a business; Create a business plan for starting and financing a small business; Learn from community members what is necessary in starting a new business; and work towards the creation and development of ideas for starting a business.

CAREER-RELATED

Beginning Leadership

22101BL

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

The purpose of this course is to teach, train, and develop the skills and behaviors of good leadership, including understanding leadership styles, goal setting, time management, communication skills, group process, human relations, managerial skills, and project management. Students will plan one service or school activity of their choice and will be involved in service learning, recognition activities, and promotion of school events. Beginning Leadership is open to all students who want to develop and practice their leadership skills and may be repeated for credit.

Advanced Leadership

22101AL

Prerequisite: Elected to Student Council or Teacher approval; successful completion of Beginning Leadership

Level: 9-12

Grad Requirement: EL

Trimesters: 2 or 3

Advanced Leadership is only offered Trimester 2 and 3 and is a project-based class. Students enrolled in this course will have a direct role in planning and operating student activities at Sherwood High School, including assemblies, dances, blood drives, service projects, and other school events. The emphasis of this course is learning and applying the skills needed to organize and plan these activities, run student government, and problem solving.

All ASB officers and Class Presidents are required to take this course for the entire year, but it is open to other students interested in student government, community service, or in building spirit with instructor approval.

Leadership Council

22101XC

Prerequisite: Required for all Student Council Officers/Teacher approval.

Level: 9-12

Grad Requirement: EL

Trimesters: 1

Leadership Council is offered only in Trimester 1 and is a required class for all ASB and Class Officers. Students enrolled in this course will have a direct role in planning and operating student activities at Sherwood High School, including Homecoming, assemblies, dances, blood drives, service projects, and other school events. The emphasis of this course is learning and applying the skills needed for organizing and planning these activities, running student government, and problem solving. Leadership class provides students with the opportunity to develop personal goals and to work on school or community projects of their own choosing. Students will work with individuals at the school, district and community levels while developing their communication, planning, and organizational skills.

Counseling Center Assistant

22052CC

Prerequisite: Counselor approval/signature required

Level: 11-12

Grad Requirement: EL

Trimesters: 1

This course is for students who would like to strengthen and broaden their post-high school world of work skills while still in high school. Students may earn up to one unit of credit yearly through this on-the-job training in the Counseling Center. Work plans will be developed to meet individual needs in general office procedure areas of organization, taking and delivering messages, operation of office machines, work ethic and employer expectations. Attendance is an important part of the student's final grade. **(Pass/Fail grade)**

Teacher Assistant

22995TX

Prerequisite: As indicated by specific instructor; Teacher approval/signature required

Level: 11-12

Grad Requirement: EL

Trimesters: 1

Junior and senior students who are interested in assisting classroom teachers may earn one unit of credit per year. The work will be diversified. Students need to have an understanding of the expectations, and the teacher's permission, in advance. The teacher assistant is responsible to the teacher for whom he/she is working and will receive a grade from that teacher. **(Pass/Fail grade)**

Main Office Assistant

22051XX

Prerequisite: An informal interview with Secretary or Administrator signature required

Level: 11-12

Grad Requirement: EL

Trimesters: 1

This course is for students who would like to gain work experience in an office setting. They may earn up to one unit of credit yearly. Assistants work under the guidance and direction of the office secretaries and administration. Students will gain experience in providing customer service, answering telephones, learning work ethics, delivering messages, operating office machines, filing, sorting mail, and other duties as assigned. **(Pass/Fail grade)**

Media Center Assistant

22053MC

Prerequisite: Media Specialist signature required

Level: 11-12

Grad Requirement: EL

Trimesters: 1

Students may earn credit working in the Sherwood High School Library as an assistant. Library assistants will perform a variety of tasks in circulation, processing and production depending on their interests and abilities. **(Pass/Fail grade)**

CAREER-RELATED (cont.)

Cadet Teacher

22054CX

Prerequisite: None

Level: 11-12

Grad Requirement: EL

Trimesters: 1

This course is for Junior and Senior students who wish to explore the teaching profession at a district elementary or middle school or teaching transition age students work skills and habits. Details of the experience are to be determined by the Dean of Students in conjunction with the mentor teacher. Students must provide their own transportation to and from the assigned school.

Peer Tutor

19099PT

Prerequisite: Student Application

Level: 10-12

Grad Requirement: EL

Trimesters: 1

This course is designed for students who enjoy working with their peers to support them in learning and/or are looking into the field of education. Possible placements could include direct placement in an academic course, or supporting students through the Academic Success Center. Applications are required for this course. Students will receive a letter grade upon completion of the course. [Video Description](#).

Life Skills Peer Tutor

19099PX

Prerequisite: Student Application

Level: 9-12

Grad Requirement: EL

Trimesters: 1

This course is designed for students to work with peers who experience disabilities. As a peer tutor your assignment may include working 1:1 with a student, assisting in small groups, and/or accompanying student(s) to their general education classes. Peer tutors are provided direction for assisting students with specific tasks that help them work towards their individual goals. Additionally, being a peer tutor encourages positive social interactions and social relationships to develop between students with and without disabilities. Students will receive a letter grade upon completion of the course. [Video Description](#).

Unified PE Peer Tutor

19099PE

Prerequisite: None

Level: 10-12

Grad Requirement: EL

Trimesters: 1

Combine your love for fitness with your desire to support students with disabilities. Peer tutors will be responsible, have a positive attitude, good communication skills, and a love for helping others through activity. This class will focus on planning activities and facilitating games and fitness activities in a fun and enriching environment. All peer tutors will receive instruction on how to effectively support students experiencing disabilities. [Video Description](#).

Work Experience

Prerequisite: Approval from Career Center

Level: 11-12

Grad Requirement: EL

Trimester: 1

Students may apply to receive elective credit for their work outside of school. Students must schedule and meet with their counselor and be approved prior to registering for this course. Maximum 2.0 credits (1.0 junior year and 1.0 senior year).

Late Arrival

99911LA

Prerequisite: None

Level: 11-12

Grad Requirement: None

Trimester: 1

Students may be assigned late arrival. Students will not receive credit. If desired, this course must be selected as an alternate in the course selection process and does not count toward a student's 15 course selections.

Early Release

99912ER

Prerequisite: None

Level: 11-12

Grad Requirement: None

Trimester: 1

Students may be assigned early release. Students will not receive credit. If desired, this course must be selected as an alternate in the course selection process and does not count toward a student's 15 course selections.

COMPUTER SCIENCE

THE INFORMATION SYSTEMS PATHWAY

CAREER TECHNICAL EDUCATION (CTE)

The Information Systems Pathway is offered by the Sherwood High School Computer Science Department to students interested in possibly pursuing a future in a high-tech career field. The pathway is designed to give students a brief picture of many of the different career paths they could take to further pursue information systems.

Interested students may move on to be majors in Computer Science in college or enter directly into the workforce where they will make a living wage directly out of High School. This program will enable students to enhance their college and scholarship applications, as well as build their skill set for employment, while differentiating themselves from other similar candidates. Students must earn 3.0 Credits throughout the Computer Information Systems Courses. Recipients will be recognized during their senior year and at graduation.

HOW CAN THE COMPUTER SCIENCE PATHWAY HELP YOU?

1. It differentiates you from other students of equal qualifications when applying for colleges and universities.
2. It differentiates you from other students of equal qualifications when applying for scholarships.
3. It will differentiate you from other job applicants when applying for a job due to real job like experience
4. It will offer you a wide variety of experience within the high-tech career field to help you make a more educated decision about your future and your post high school career.
5. It will provide you with skills and knowledge which can translate into a variety of positions which will provide you with immediate earning potential.

The Information Systems Pathway requires 3.0 credits from the following choices:

COMPUTER SCIENCE & APPLICATIONS CLASS OFFERINGS:

CREDITS

• Intro to Computer Applications	0.5
• Graphic Design 1	0.5
• Graphic Design 2	0.5
• Video Production 1	0.5
• Video Production 2	0.5
• CTE Apprentice: Video Production	0.5
• Computer Science Essentials A	0.5
• Computer Science Essentials B	0.5
• Advanced Computer Science Projects	0.5
• Computer Science Principles A	0.5
• Computer Science Principles B	0.5
• AP Computer Science	0.5
• Game Design	0.5
• ESports	0.5

COMPUTER SCIENCE (cont.)

Intro to Computer Applications

10004XZ

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

Students enrolled in this course will gain valuable computer application knowledge to help them through their high school career and beyond. This course will cover various Microsoft 365 and Google Workplace applications. Students will learn file management, Word/Docs, Excel/Sheets, presentation skills, and professionalism.

Digital Graphic Design 1

10202XZ

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

In this course, students will use basic principles of graphic design to create and edit a variety of digital graphics and images. Students will use industry-standard software programs such as Adobe Creative Suite to complete projects.

Digital Graphic Design 2

Prerequisite: Digital Graphic Design 1

05162XX

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

This course will further develop the digital graphic design creation skills from Digital Graphic Design 1. Projects could include logo development, advertisements, promotional materials for events, graphics for use on social media, image design for clothing, stickers, and more.

Video Production 1

111511V

Prerequisite: None

Level: 10-12

Grad Requirement: CT/SL

Trimesters: 1

This class allows students to learn video production through hands-on video projects. Class units include planning, camera operation, audio work, interviewing skills, and editing. A variety of projects will be accomplished, including collaboration with other school activities along with outside venues. Working in groups and self-motivation are critical for this class.

Video Production 2

111512V

Prerequisite: Video Production 1

Level: 10-12

Grad Requirement: CT/SL

Trimesters: 1

This class will build from the concepts developed in Video Production 1. Students will continue to develop their skills in editing and video production while learning sound, effects, and other skills. Students will become the leaders and managers for outside projects. Along with creating videos developed from their own ideas, Video Production 2 students will create material to be used on varying platforms.

CTE Apprentice - Video Production

11098VX

Prerequisite: Video Production 2 and teacher approval

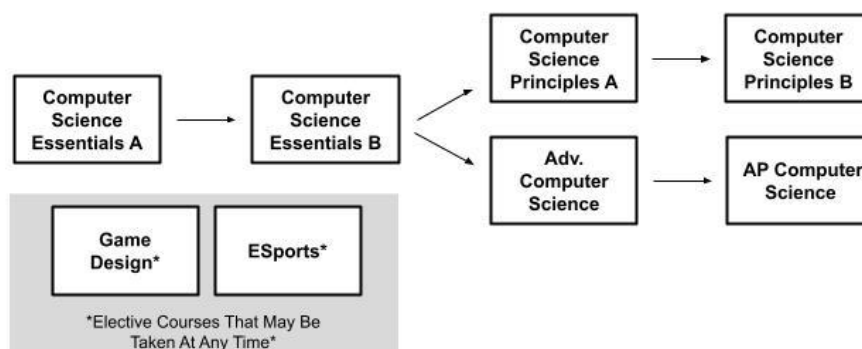
Level: 11-12

Grad Requirement: CT/SL

Trimesters: 1

This course combines aspects of Video Production, Independent Projects, and Self Enhancement. This course will focus on projects for school sponsored events along with requests from business liaisons. The primary purpose is for students to work independently while also assisting the program as needed.

COMPUTER SCIENCE (cont.)



Computer Science Essentials A

10113CA

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

An introduction to Computer Science. Students will learn visual, block-based programming and build foundational coding skills as they transition to text-based programming. No prior experience in computer science required.

Computer Science Essentials B

10113CB

Prerequisite: Computer Science Essentials A

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

Students build on prior computer science knowledge using text-based programming with languages such as Python to create apps and robotics, and learn how to make computers work together to put their design into practice

Advanced Computer Science Projects

10197XX

Prerequisite: Computer Science Essentials B, or teacher approval

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

Students enrolled in this course will have their choice of study. They will choose to study a subject as an extension of a previous course. Offerings will include but not limited to: C++, C#, 3D Digital Design/Blender, HTML/CSS, Web Coding, machine learning/AI, virtual reality programming, database programming, and Javascript. This course may be repeated for credit.

Computer Science Principles A

10115XA

Prerequisite: Computer Science Essentials A & B

Level: 9-12

Grade Requirement: CT/SL

Trimesters: 1

Students will learn the fundamentals of coding, data processing, data security, and task automation. The course promotes computational thinking and coding fundamentals.

Computer Science Principles B

10115XB

Prerequisite: Computer Science Principles A

Level: 9-12

Grade Requirement: CT/SL

Trimesters: 1

Students will extend their learning of the fundamentals of coding, data processing, data security, and task automation while learning to contribute to an inclusive, safe, and ethical computing culture. This course will help students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, and simulation.

AP Computer Science \$

10157CA, 10157CB, 10157CC

Prerequisite: Advanced Computer Science Projects

Level: 10-12

Grad Requirement: CT/SL

Trimesters: 3

This course will prepare the students for the AP CS A test in the Spring. This course will also cover content for the APCS Principles test if the student so chooses to take both tests. This class is a year-long class.

Students who pass the AP Exam will have an opportunity to earn college credit.

Game Design

101521X

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

An introductory computer science course focused on video game design and development. No prior experience in computer science required.

ESports

21099ES

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

Computer science course focused on esports - competitive, organized video gaming. No previous experience with computer science required.

CONSTRUCTION/WOODWORKING

CONSTRUCTION CAREER PATHWAY CAREER TECHNICAL EDUCATION (CTE)

The Construction Career Pathway is offered by the Sherwood High School Construction Department to students interested in possibly pursuing a future in the trades or construction. The pathway is designed to give students a brief picture of many of the different career paths they may take as they further pursue a business construction career after high school. Students are taught the basics of woodworking, woodturning, power tool use and tool safety, hand tool use and safety, floor framing, wall framing and finish carpentry.

Many students who achieve the Construction Career Pathway may move on to majors in Construction Management in college or enter directly into the workforce where they will make a living wage directly out of High School. This program enables students to enhance their college and scholarship application, as well as building their skill set for employment, while differentiating themselves from other similar candidates. Pathway recipients will be recognized during their senior year and at graduation.

HOW CAN THE CONSTRUCTION/WOODWORKING CAREER PATHWAY HELP YOU?

1. It will differentiate you from other students of equal qualifications when applying for colleges and universities.
2. It will differentiate you from other students of equal qualifications when applying for scholarships.
3. It will differentiate you from other job applicants when applying for a job, due to real job site experience.
4. It will offer you a wide variety of experience within the construction industry to help you make a more educated decision about your future and your post high school career.
5. It will provide you with skills and knowledge which can translate into a variety of positions which will provide you with immediate earning potential.

REQUIRED CLASSES

WOODWORKING FOCUS

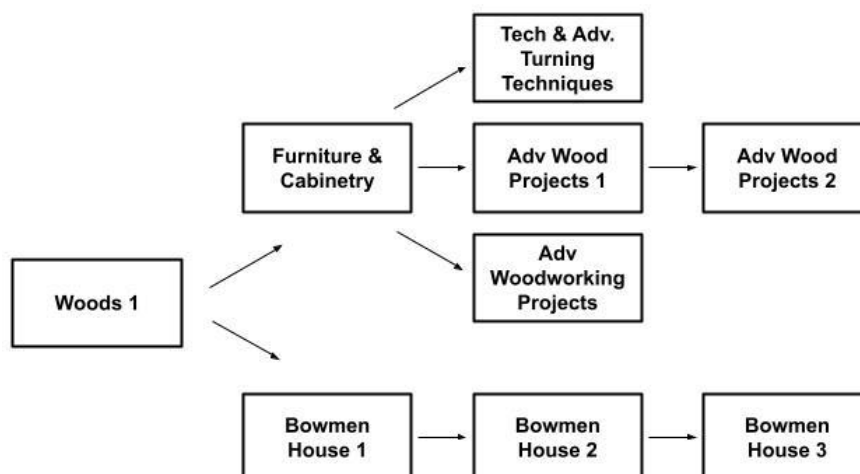
	<u>CREDITS</u>
• Woods 1	0.5
• Furniture/Cabinetry	0.5
• Advanced Woodworking Projects 1	0.5
• Advanced Woodworking Projects 2	0.5
• Technical and Advanced Turning Techniques	0.5
• CTE Apprentice	0.5
TOTAL REQUIRED CREDITS	3.0

CONSTRUCTION FOCUS

• Woods 1	0.5
• Bowmen House 1	0.5
• Advanced Woodworking Projects	0.5
• Bowmen House 2 and/or Bowmen House 3	1.5
TOTAL REQUIRED CREDITS	3.0

CONSTRUCTION/WOODWORKING (cont.)

Due to the nature of the courses, students should expect to attend regularly and be comfortable with independent work.



Woods 1

130531X

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This is a beginning-level woodworking course designed to familiarize students with basic woodworking procedures found in construction and manufacturing careers as well as more advanced applications. The material to be covered includes the student management system, planning and designing of projects, hand tools and power machinery, safety, woodworking joints, gluing and clamping procedures, and preparing and applying finishes to woodworking projects. Students will explore other Industrial Manufacturing materials. [Video Description](#)

Furniture & Cabinetry

13053FC

Prerequisite: Woods 1

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course is a continuation of Woods 1. This second trimester is recommended to further develop skills to use tools in a variety of applications. This is a project-oriented course dealing with advanced applications of power machine processes. Special emphasis is placed upon detailed furniture construction and cabinet making. Other material and manufacturing processes will also be explored.

[Video Description](#)

Advanced Woods Projects 1

130533X

Prerequisite: Furniture & Cabinetry

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course is a continuation of Furniture & Cabinetry. This third trimester of woodworking is recommended to further develop skills to use tools in a variety of applications. This is a project-oriented course dealing with advanced applications of power machine processes. Special emphasis is placed upon detailed furniture construction and cabinet making. Other material and manufacturing processes will also be explored. Career awareness is also emphasized. Students will also explore other industrial manufacturing material. [Video Description](#)

Advanced Woods Projects 2 (Project Based)

130537X

Prerequisite: Teacher approval

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course is designed to further explore manufacturing artistic projects on the lathe as well as flatwork. Students will learn more complex techniques and processes regarding turning, joinery and manufacturing products. [Video Description](#)

Bowmen House 1

13053BH

Prerequisite: Woods 1

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course is designed to build on the skills and knowledge gained in Woods 1. New machinery and procedures will be added to the student's knowledge base and then practiced on shop projects. Students will learn about basic residential construction techniques with an emphasis on framing. Students may potentially work on a project of their choosing once course requirements are met. This is more likely for students repeating the course. Safety, relevant workplace skills, and attitudes are emphasized. This class is a prerequisite for Bowmen House 2 & 3. [Video Description](#)

CONSTRUCTION/WOODWORKING (cont.)

Bowmen House 2

13053HA, 13053HB, 13053HC

Prerequisite: Bowmen House 1 and Teacher approval

Level: 11-12 Grad Requirement: SL Trimesters: 3

This course is designed to build on the skills and knowledge gained in Woods and Bowmen House 1. Students will learn about basic residential construction techniques with an emphasis on framing and building envelop. This class is year one of building the Bowmen House, a collaborative project with other programs within the school, where students build a house to be sold on the open market. [Video Description](#)

Bowmen House 3

13053SA, 13053SB, 13053SC

Prerequisite: Bowmen House 1 and Teacher approval

Level: 11-12 Grad Requirement: SL Trimesters: 3

This course is designed to build on the skills and knowledge gained in Woods and Bowmen House 1. Students will learn about basic residential construction techniques with an emphasis on finish carpentry such as tiling floors, trim, hardwood floors, etc. This class is year two of building the Bowmen House, a collaborative project with other programs within the school, where students build a house to be sold on the open market. [Video Description](#)

Technical & Advanced Turning Techniques

(Project Based)

130538X

Prerequisite: Teacher approval

Level: 11-12 Grad Requirement: SL Trimesters: 1

This course is designed to further explore manufacturing artistic projects on the lathe. Students will learn more complex techniques and processes regarding turning and manufacturing products. [Video Description](#)

CTE Apprentice - Construction/Woods

(Project Based)

17006CW

Prerequisite: Successful Completion of Woods 1 and Teacher approval

Level: 11-12 Grad Requirement: SL Trimesters: 1

This course combines aspects of construction and woodworking, independent study and academy teaching. This course focuses on independent construction/woodworking projects, while also assisting in the shop as needed. [Video Description](#)

CULINARY ARTS & HOSPITALITY MANAGEMENT

CULINARY ARTS & HOSPITALITY MANAGEMENT CAREER PATHWAY

The Culinary Arts & Hospitality Management Career Pathway is offered by the Sherwood High School Family & Consumer Science Department to students interested in possibly pursuing a future in the culinary arts, management & hospitality industry. The pathway is designed to give students a well-rounded picture of all of the different career paths they may take as they further pursue a culinary arts & management career after high school.

Culinary Arts & Hospitality Management Career Pathway Students will:

- Understand the types and job functions of Culinary Arts, Management, & Hospitality Professionals
- Learn the basic principles of Culinary Arts, Management, & Hospitality
- Become a proficient user of multiple diverse, industry standard practices
- Gain experience using a range of technologies.

Many students who achieve the Culinary Arts & Hospitality Management Pathway will move on to a Culinary Arts, Management or Hospitality major in college or enter directly into the workforce. This program will enable students to enhance their college and scholarship applications, as well as build their skill set for employment, while differentiating themselves from other similar candidates. Pathway recipients will be recognized during their senior year and at graduation.

HOW CAN THE CULINARY ARTS & HOSPITALITY MANAGEMENT CAREER PATHWAY HELP YOU?

1. It differentiates you from other students of equal qualifications when applying for colleges and universities.
2. It differentiates you from other students of equal qualifications when applying for scholarships.
3. It offers you a wide variety of experience within the Culinary Arts world to help you make a more educated decision about your future and your post high school career.

REQUIRED CLASSES

- | | |
|----------------------------|-----|
| • Foods & Nutrition 1 | 0.5 |
| • Foods & Nutrition 2 | 0.5 |
| • Adv. Food Technique | 0.5 |
| • Intro to Baking & Pastry | 0.5 |

TOTAL REQUIRED CREDITS	2.0
-------------------------------	------------

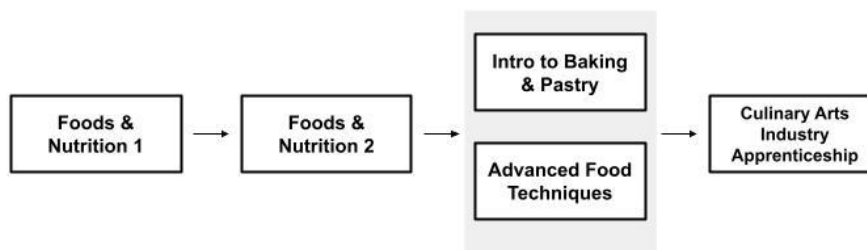
ADDITIONAL OFFERINGS (You must complete 1.0 credits of the following options)

- | | |
|-------------------------------------|-----|
| • Culinary Arts Industry Internship | 0.5 |
| • CTE Apprentice - Culinary Manager | 0.5 |

TOTAL CREDITS FOR PATHWAY	3.0
----------------------------------	------------

CULINARY ARTS & HOSPITALITY MANAGEMENT (cont.)

Due to the nature of the courses, students should expect to attend regularly and be comfortable with independent work.



Foods & Nutrition 1

192521X

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

The basic principles of food preparation are discussed and practiced through class discussion and cooking labs, with a focus on baking techniques. Students are given the opportunity to eat what they make in class, while learning about basic nutritional value, appetite appeal, social significance and cultural aspects of food. **This is NOT a dairy, gluten or nut-free classroom. Working with and the use of all ingredients are a required part of the learning process throughout this course**

Foods & Nutrition 2

192522X

Prerequisite: Foods & Nutrition 1

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This is an advanced class that will build from preparation techniques learned in Foods & Nutrition 1. Preparation of fancy desserts and yeast breads, pies, and meats are among many of the foods that will be part of the cooking labs. The class also includes table etiquette, menu planning, buying, and consumer awareness. Advanced nutritional facts, as well as current health and nutrition issues, will be discussed. **This is NOT a dairy, gluten or nut-free classroom. Working with and the use of all ingredients are a required part of the learning process throughout this course.**

Intro to Baking & Pastry

16056XX

Prerequisite: Foods & Nutrition 2

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This introductory level course covers the basic theory and skills used throughout the field of baking and pastry. Topics covered include the use of hand tools and equipment found in the bakeshop, as well as exploration of baking and pastry ingredients and their functions. Students will gain a working knowledge of the major methods such as creaming, blending, meringues, pre-cooked, cut-in, chocolates, and sauces. Students will also taste and evaluate products they create in class to enhance their understanding of the course material. **This is NOT a dairy, gluten or nut-free classroom. Working with and the use of all ingredients are a required part of the learning process throughout this course.**

Advanced Food Technique

16057XX

Prerequisite: Foods & Nutrition 2

Level: 9-12

Grad Requirement: SL

Trimesters: 1

Working with and expanding on cooking techniques learned in Foods 1 and 2, this class also delves into fermentation, coffee and tea preparation, ingredient utilization, and basic butchery. Students will also learn about recipe and product development, from conception through development, pricing, and production. **This is NOT a dairy, gluten or nut-free classroom. Working with and the use of all ingredients are a required part of the learning process throughout this course.**

Culinary Arts Industry Internship

16098XX

Prerequisite: Foods & Nutrition 2

PreLevel: 10-12

Grad Requirement: SL

Trimesters: 1

Supervised work experience designed to expand career knowledge and experiential confidence while increasing knowledge, speed, timing, organization and the ability to execute industry skills on a repetitive basis. Students will receive a diverse work experience designed on a systematic rotation of different stations in the kitchen, dining room and general operations positions. **This is NOT a dairy, gluten or nut-free classroom. Working with and the use of all ingredients are a required part of the learning process throughout this course.**

CTE Apprentice-Culinary Manager

16052XX

Prerequisite: Foods 1, Foods 2, Advanced Food Technique & Teacher Approval

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course combines aspects of culinary arts, independent study and academy teaching. This course will focus on independent culinary projects, while also assisting with the program and the classroom as needed. Culinary managers may be enrolled in any period with prior instructor approval. **This is NOT a dairy, gluten or nut-free classroom. Working with and the use of all ingredients are a required part of the learning process throughout this course.**

DRAMA & THEATRE

Drama 1

050551X

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

Drama 1 is a performance-oriented class that requires participation. Students will take part in a variety of performance and drama activities, including, but not limited to pantomime, improvisation, and small group scene study and performance. They will learn the fundamental techniques associated with acting, including characterization, scene analysis, and movement.. Students will also complete several written assignments related to dramatic performance.

Drama 2

050552X

Prerequisite: Drama 1 or Teacher signature required

Level: 9-12

Grad Requirement: SL

Trimesters: 1

Drama 2 is an advanced course for students who are interested in a more in-depth exploration of theater and acting technique. It will build on and expand the skills taught in Drama 1. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

Drama 3

05055XX

Prerequisite: Drama 2 or Teacher signature required

Level: 9-12

Grad Requirement: SL

Trimesters: 1

In Drama 3, students focus on development of significant acting skills and knowledge of the actor's literature, compiling a working actor's portfolio for exhibition and/or the interview process. They research potential job opportunities in the film, television, game animation, and theatre industries, as well as scholarships and opportunities available at the university level. An inquiry-based capstone project may be required. Public performances will serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Technical Theatre

05056XX

Prerequisite: Drama 1

Level: 9-12

Grad Requirement: SL

Trimesters: 1

Students focus on the design and safe application of basic tools and procedures to create elements of technical theatre, including costumes, lighting, properties (props), publicity, scenery, and sound. Public performances will serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

ENGINEERING/ARCHITECTURE

ENGINEERING/ARCHITECTURE CAREER PATHWAY

CAREER TECHNICAL EDUCATION (CTE)

The Engineering/Architecture Career Pathway is offered by the Sherwood High School Engineering Department to students interested in possibly pursuing a future in an engineering, architecture, or manufacturing field. The pathway is designed to give students insight into the broad range of career paths available to them by pursuing a post-high school technical education. Students who complete the pathway will have obtained skills that will directly translate to furthering their technical education.

Engineering/Architecture Career Pathway Students will:

- Understand the types and job functions, of Engineers, Architects and Technicians
- Learn the basic principles of Engineering and Architectural design
- Become a proficient user of multiple diverse, industry standard CAD packages
- Gain experience operating a range of rapid prototyping technologies, including laser cutting, vinyl plotting, and 3D printing
- Earn 11 College Credits through PCC Dual Enrollments, at no cost to student and family

Most students who complete the Engineering/Architecture Career Pathway will move onto an Engineering or Architecture major at a 4-year college or pursue an Associate's Degree leading them to a career as an Engineering Technician, Drafter, or Machinist.

Pathway recipients will be recognized during their senior year and at graduation.

HOW CAN THE ENGINEERING/ARCHITECTURE CAREER PATHWAY HELP YOU?

1. It demonstrates your interest in, and dedication to, and passion for, technical education.
2. It will differentiate you from other students of equal qualifications when applying to colleges, scholarships and internships or jobs.
3. It earns you 11 Dual Enrollment College Credits, transferable to any 2-year or 4-year Oregon University System school at NO COST to you.
4. It exposes you to industry standard software packages and manufacturing machines.
5. It offers you a wide variety of experiences within the Engineering, Architectural and Manufacturing industries, to help you make a more educated decision about your future and post high school career.

Engineering and Architecture Class Offerings:

CREDITS:

- | | |
|--|-----|
| • ENGR 1: Intro to Drafting and Design | 0.5 |
| • ENGR 2: Rapid Prototyping | 0.5 |
| • ENGR 3: Advanced Drafting and Design | 0.5 |
| • ENGR 4: Advanced Digital Manufacturing | 0.5 |
| • ENGR 5: Engineering Projects | 0.5 |
| • Architecture 1: Introduction to Architecture | 0.5 |
| • Architecture 2: Advanced Architecture | 0.5 |
| • Architecture 3, 4: Architecture Projects | 0.5 |
| • CTE Engr/Arch Apprentice (may be repeated) | 0.5 |

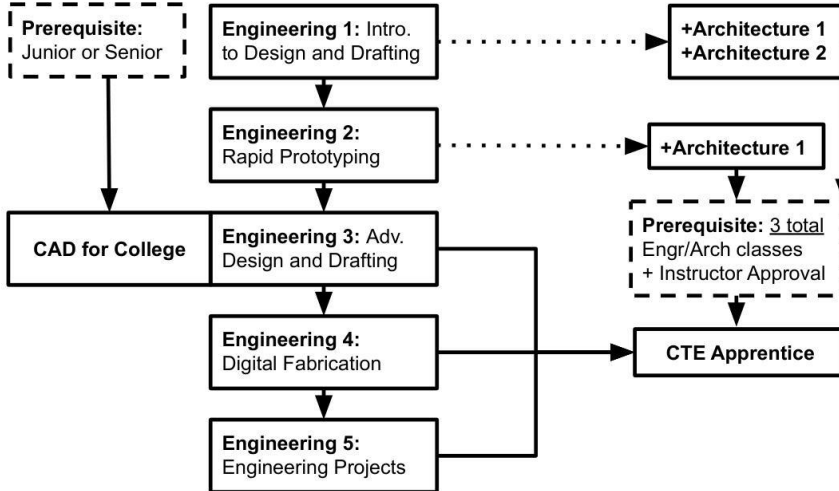
TOTAL CREDITS REQUIRED for PATHWAY (any combination totalling)

3.0

ENGINEERING/ARCHITECTURE (cont.)

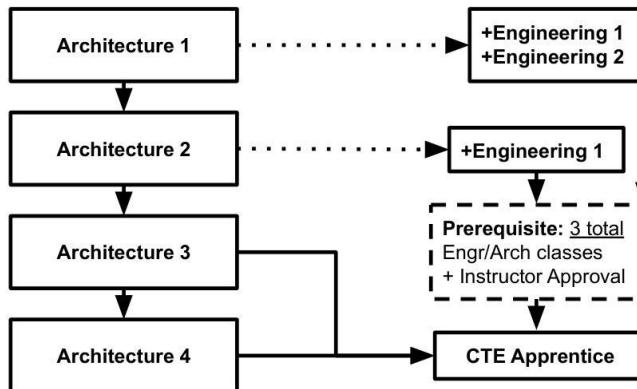
Engineering Course Progression Diagram

Earning credit for **Six Engineering and/or Architecture courses** earns Career Pathway Graduation Recognition and an honor cord.



Architecture Course Progression Diagram

Earning credit for **Six Engineering and/or Architecture courses** earns Career Pathway Graduation Recognition and an honor cord.



ENGR1 - Intro to Drafting & Design

21107XA

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

Engineering 1: Introduction to Drafting and Design is an introductory course in Computer-Aided Design (CAD) with an emphasis on engineering design and problem solving. There is also a basic hand drafting component. Students will use state of the art computer equipment along with the latest version of a very powerful drawing program called Rhino3D. Career areas that use engineering CAD include engineering, construction, machining, aerospace, physical sciences, drafting, manufacturing and robotics with new applications being created all the time. Students will also learn and improve technical drawing skills found in all engineering fields. [Video Description](#)

ENGR2 - Rapid Prototyping

211061A

Prerequisite: ENGR1

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

Engineering 2: Rapid Prototyping is an engineering design course where students will apply the skills learned in Engineering 1 to design and produce products using SHS rapid prototyping equipment: laser cutter, CNC vinyl plotter and 3D printers. Students will learn what an engineer is, what different kinds of engineers do, and what educational paths can be taken to become one. Students will also be involved in problem solving, fabricating and design activities such as: Dimension Printing's 3D Re-Design Challenge, 2D to 3D laser projects, CNC vinyl manufacturing, and 3D printing of a personal USB thumb drive case. [Video Description](#)

ENGINEERING/ARCHITECTURE (cont.)

ENGR3 - Advanced Drafting & Design

211061B

Prerequisite: ENGR2

Level: 10-12

Grad Requirement: CT/SL

Trimesters: 1

Advanced Drafting and Design is an intermediate Computer-Aided Design (CAD) course with an emphasis on engineering design and problem solving. There is also an advanced hand drafting component.

In their second CAD trimester, students will learn Solid Works, which is an industry standard software package, used today to communicate graphical information in many local and global industries. Students will expand on what they have learned about problem solving, visualization and design. Students will continue to build advanced sketching techniques related to engineering fields. This course is designed for the student who is interested in utilizing computer technology as it relates to engineering and design. Students will use the output machine skills learned in Engineering 2: Rapid Prototyping to produce some of their models on our rapid prototyping equipment. [Video Description](#)

(Dual Credit with PCC – See Instructor/Counselor)

ENGR4 - Advanced Digital Manufacturing

211074X

Prerequisite: ENGR3

Level: 10-12

Grad Requirement: CT/SL

Trimesters: 1

This class is heavily project based. Students will revisit the rapid prototyping skills they learned in Engineering 2 with more depth, exploring additional features and applications of 3D Printers, Laser Cutters and Vinyl Plotting. This will include exposure to laser rotary attachment, vinyl heat press and desktop 3D printers. Students may also gain experience with other digital manufacturing machines that may include CNC routers, large format vinyl printers, acrylic plastic construction, thermal mold making, 3D digital laser scanning, water jet, and/or other available technologies. Students will complete a Technical Skills Assessment project. [Video Description](#)

(Dual Credit with PCC – See Instructor/Counselor)

ENGR5 - Engineering Projects

211075X

Prerequisite: ENGR4

Level: 10-12

Grad Requirement: CT/SL

Trimesters: 1

Students will be immersed in hands-on problem solving activities with access to the full range of our SHS rapid prototyping machine technologies. This class is for the advanced student who wants individualized instruction and in-depth, project-based learning. Possible areas of study include: Advanced Rhino 3D or SolidWorks CAD, Product Design and Marketing, Laser Cutting and Etching, 3D Printing, 3D Digital Laser Scanning, CNC Routing (Shop Bot), MasterCAM software, CNC PlasmaCAM, exposure to AutoCAD, Acrylic Plastic Construction, and more. Teacher assigned projects will be interspersed with student guided projects, and students will complete a Technical Skills Assessment project. [Video Description](#)

CAD for College Engineering

211061Z

Prerequisites: Planning to pursue post-secondary Engineering or Technical training.

Level: 11-12

Grad Requirement: CT/SL

Trimesters: 1

This course is the same as ENGR3: Advanced Drafting & Design, but can be taken standalone by a junior or senior level student who is interested in an Engineering college major or other Technical training after high school, or has an interest in mechanical design, and has not been able to fit other Engineering classes into their schedule. A student would take this course if they are interested in being exposed to college level CAD mechanical design software and technical drawing. [Video Description](#)

Note: This course does not serve as a prerequisite for any other Engineering courses.

(Dual Credit with PCC – See Instructor/Counselor)

Architecture 1

211032A

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

This class is an introductory course surveying a variety of Architectural topics. Students will be exposed to architectural design theory, the history of architecture, common architectural styles and terminology, and basic architectural sketching techniques.

Students will be introduced to a Computer Aided Drafting (CAD) software such as SketchUp or Chief Architect, that will be used to make their designs come to life in three dimensions. Career areas that use architectural 3D modeling include architecture, construction, surveying, drafting, interior design, manufacturing and landscape design. [Video Description](#)

Architecture 2

211032B

Prerequisite: Architecture 1

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

This course advances student knowledge, both conceptual and skill based, gained in Architecture 1. Much of the work is project driven, through design prompts. Students will have the opportunity to grow their architectural sketching skills, and will be introduced to physical architectural model making. Peer critique will be brought in as a tool used to refine designs, and students will gain experience presenting and communicating the ideas and concepts that influenced their design choices. [Video Description](#)

ENGINEERING/ARCHITECTURE (cont.)

Architecture 3 & 4

211033A, 211033B

Prerequisite: Architecture 2 (Arch 3) & Architecture 3 (Arch 4)

Level: 10-12

Grad Requirement: CT/SL

Trimesters: 1

These courses are student-driven continuations of ideas, skills and concepts taken from previous Architecture courses. They are heavily design based, and specific projects may be tailored to fit individual student goals. Students who choose to take these classes may be interested in learning to generate construction plans for their designs, incorporate a new design software such as Revit or Rhino into their skill set, or explore plot plans, solar site planning, landscape plans, terrain importing, or rendering. Students may have the opportunity to collaborate on the design of a Bowman House Project if one is in progress. It is recommended that students who are planning to pursue an Architecture education post-high school use these courses to assemble a design portfolio. [Video Description](#)

CTE Apprentice - Eng/Arch (Project Based)

10997EA

Prerequisite: ENGR5 and/or Instructor Approval

Level: 11-12

Grad Requirement: SL

Trimesters: 1

This class is for the advanced student who has experience in Wood Shop, Metal Shop, and/or Computer Programming and would like the freedom to combine their Engineering expertise with one or more of those technologies. A CTE Apprentice will have completed or have an upcoming enrollment in Engineering 4/5, is an independent worker with strong self-motivation skills, and seeks individualized instruction through in-depth, project-based learning. Students will be immersed in hands-on problem solving activities with access to the full range of our SHS rapid prototyping machine technologies. CTE Apprentices may be enrolled in any period with prior instructor approval. Possible areas of study include: Advanced Rhino 3D, SolidWorks, Product Design and Marketing, Laser Cutting and Etching, 3D Printing, 3D Digital Laser Scanning, CNC Routing (Shop Bot), and CNC PlasmaCAM. [Video Description](#)

FAMILY & CONSUMER SCIENCES (FACS)

Child Development

19052XX

Prerequisite: None

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This class is all about children and their growth and development. The student will gain an understanding of the physical, emotional, social and intellectual development of children from conception through childhood. The student will learn how to develop a greater understanding of self, his/her personal development, realistic expectations of children and parenting skills. Career alternatives relating to children are also discussed.

Textiles 1

192011X

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course is designed for the student with limited or no sewing skills. Basic sewing skills and terminology will be taught through construction of sewing projects. Fashion trends and textile characteristics will also be discussed. Emphasis is placed on improving skills and creating projects of an excellent finished quality. Almost every day is spent at the sewing machine practicing skills and learning new modern techniques. ****Due to the nature of the course, students should expect to attend regularly and be comfortable with independent work.***

Textiles 2

192012X

Prerequisite: Textiles 1 OR Teacher Approval

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course is designed for the student with basic to moderate sewing skills. In this course, more difficult projects will be constructed while learning new concepts to apply to project creation and construction. Techniques for working with a variety of textiles and complex pattern guidelines will be learned and applied to sewing projects. ****Due to the nature of the course, students should expect to attend regularly and be comfortable with independent work.***

Advanced Textile Construction

192013X

Prerequisite: Textiles 2 or Teacher Approval

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This class focuses on trends and concepts in the ever-changing fashion industry. It is designed to meet the individual needs of the advanced student. Emphasis is placed on working with special fabrics, detailed construction techniques, and tailoring basics as well as refining techniques learned in Textiles 1 and 2. Construction of more advanced projects is required. Students will create a mood-board to highlight their knowledge of fashion and textiles. ****Due to the nature of the course, students should expect to attend regularly and be comfortable with independent work.***

Interior Design & Drafting 1

19205XA

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

This class focuses on the construction and design of interior environments. Students will learn hand-drafting techniques as well as gain experience using Chief Architect as they plan the design and construction of homes and buildings. Consideration for the needs and wants of the inhabitant, as well as color theory and interior lighting techniques will be discussed and applied to projects. This class focuses on the importance of creating a visually pleasing interior that meets/exceeds the expectations of the consumer. Students will learn important presentation techniques and the importance of communication in this career field. ****Due to the nature of the course, students should expect to attend regularly and be comfortable with independent work.***

Interior Design & Drafting 2

19205XB

Prerequisite: Interior Design & Drafting 1

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1

This is an advanced class that will build from information learned in Interior Design & Drafting 1. This class focuses on more advanced construction and design of interior environments. Students will primarily be working with Chief Architect to construct architectural documents for both commercial and residential buildings. These documents will include floor plans, lighting plans, elevation plans, and perspective drawings. Students will work with a budget to choose the interior products needed in their designs. This class focuses on the importance of creating a visually pleasing interior that meets/exceeds the expectations of the consumer. ****Due to the nature of the course, students should expect to attend regularly and be comfortable with independent work.***

LANGUAGE ARTS

Four-Year Course Plan

9th Grade	10th Grade	11th Grade	12th Grade
Lit/Comp 9	Lit/Comp 10 -or- Accel. Lit/Comp 10	Accel. Lit/Comp 11/12 -or- Writing Selective and EN Selective (see menu below)	AP English -or- Accel. Lit/Comp 11/12 -or- Two additional EN or Writing selectives (see menu below)

Elective Menu: 11th & 12th Grade

	Odd Graduation Years 2024-25 School Year	Even Graduation Years 2025-26 School Year
Lit/Comp Selectives (E/LA Credit)	<i>Accel. Lit/Comp 11/12</i> <i>AP English</i>	Accel. Lit/Comp 11/12 AP English
Writing Selectives (E/LA Credit)	<i>Composition</i> <i>Writing 121</i> <i>Writing 122</i> <i>Creative Writing I: Stories</i>	Composition Writing 121 Writing 122 Creative Writing II: Poetry
EN Selectives (E/LA Credit)	<i>Contemporary Literature</i> <i>Literature of an Author: Shakespeare</i> <i>Literature of a Genre: Sci Fi / Fantasy</i>	American Literature Contemporary Literature Literature of a Genre: Sci Fi / Fantasy
Optional Electives (Elective Credit Only)	<i>Sports Writing</i> <i>Drama 1</i> <i>Drama 2</i> <i>Yearbook</i> <i>News Magazine</i> <i>Editor's Seminar</i> <i>Journalism</i>	Speech & Debate Drama 1 Drama 2 Yearbook News Magazine Editor's Seminar Journalism

LIT & COMP COURSES (EN Credit)

Lit/Comp 9

01001LA, 01001LB

Prerequisite: None

Level: 9

Grad Requirement: EN

Trimesters: 2

NCAA Approved

This course focuses on understanding and appreciating literature, the writing process, and discussion. Students will read novels, plays, short stories, poems and other short works, and participate in whole-class discussions, small group book clubs, and individual choice reading.

Lit/Comp 10

01002LA, 01002LB

Prerequisite: None

Level: 10

Grad Requirement: EN

Trimesters: 2

NCAA Approved

Students in this course will read and understand diverse short stories, non-fiction selections, and novels on their own, in small groups, and as a class. Students will also complete writing assignments in various genres.

Accelerated Lit/Comp 10

Prerequisite: None

01002ZA, 01002ZB

Level: 10

Grad Requirement: EN

Trimesters: 2

NCAA Approved

Students who wish to challenge themselves and prepare for AP English and/or humanities studies in college should consider this alternative to Lit/Comp 10. We will read additional texts and write more extensively, reading, discussing, and writing about literature and ideas that influence society. lit/comp 11

Accelerated Lit/Comp 11/12

01003XA, 01003XB

Prerequisite: None

Level: 11-12

Grad Requirement: EN

Trimesters: 2

NCAA Approved

Students in this course will read and write extensively in a range of genres to explore important questions about themselves and their world. The course includes whole-class text study and discussion, small book groups, individual choice reading, process-focused writing projects, and presentations. This course is recommended for college-bound students looking to improve their analytical reading and writing abilities, and students intending to take AP English Literature.

AP English Literature & Composition \$

01006AA, 01006BB, 01006CC

Prerequisite: Accelerated Lit/Comp 11 strongly recommended

Level: 12

Grad Requirement: EN

Trimesters: 3

NCAA Approved

Advanced Placement Lit/Comp is a college-level literature and composition course. There is a heavy emphasis on writing the analytical essay.

Students who pass the AP Exam will have an opportunity to earn college credit.

Students who elect not to take the AP Exam will have “Advanced” rather than “AP” designated on their transcript.

(Dual Credit with PCC – See Instructor/Counselor)

WRITING SELECTIVES (EN Credit)

Composition

01103XX

Prerequisite: None

Level: 11

Grad Requirement: EN

Trimesters: 1

NCAA Approved

This course emphasizes all forms of non-fiction writing, including narration, description, persuasion and research. Students will study mentor essays and write several essays of their own. In this course, students will deepen their understanding of the writing process, analyze the rhetorical situation to make effective choices for a particular audience, and learn a broad range of techniques and strategies for writing, revising, and editing.

Writing 121

01103W1

Prerequisite: None

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

The class focuses on academic writing as a means of inquiry. Building on skills developed through previous classes, students will examine rhetorical strategies and begin to assess intended audience, judging why an author makes particular choices in regard to that audience. Critical reading, discussion and writing will help students explore ideas, develop cultural awareness and formulate positions. Students will work with short non-fiction texts and short stories as they work on crafting analyses. They will also write an extensive research paper and be held accountable for participation and contributions to the class.

(Dual Credit with PCC – See Instructor/Counselor)

Writing 122

01103W2

Prerequisite: Writing 121

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

Continues the focus of WR 121 on academic writing as a means of inquiry with added emphasis on persuasion and argument supported by external research—nearly every assignment will have a research element. Uses critical reading, discussion and the writing process to explore ideas, develop cultural awareness and formulate original positions. Emphasizes development of writing and critical thinking through logical reasoning, rhetorical control, independent research and information literacy.

(Dual Credit with PCC – See Instructor/Counselor)

Creative Writing I (Stories)

01104C1

Prerequisite: None

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

Students read published short stories from many times and cultures; we think critically about the issues those stories raise and the technical choices the authors made in writing. We write every day, both in response to the stories we read and to develop our own narrative ideas by crafting short stories of our own. Students will gain skills for engaging narrative in all kinds of media and for creating stories for all kinds of contexts. This course was formerly titled Story Writing.

Creative Writing II (Poetry) (Not Offered in 2024/25)

Prerequisite: None

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

Students read published work from throughout the long history of poetry in English. We will read both for meaning and to understand how poems are constructed, considering the impacts of many poetic devices. Students will read multiple poems every day and often discuss them in large and small groups. We will write every day, producing analytical responses to published poems and crafting original poems. This course was formerly titled Poetry.

EN SELECTIVES (EN Credit)

American Literature (Not Offered in 2024/25)

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

Is the American dream the same for all Americans? Using American novels, short stories, plays, and poems from throughout our country's history, students will read about, write about, and discuss the evidence present in literature written from different points of view.

Contemporary Literature

01052XX

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

What affects people's options, behavior and choices in modern life? Students in this course will read, discuss, and analyze literature with a lens of curiosity about how we navigate the issues in the world around us. This course will have particular emphasis on the novel and literary analysis.

Literature of a Genre (Sci Fi & Fantasy)

01061LG

Prerequisite: None

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

In this trimester long course, students will experience major works of fiction in the genres of Science Fiction and Fantasy. We will study short stories, novels, graphic novels, radio broadcasts, television shows, and films. The emphasis on the course will be thorough reading and thoughtful discussion. Students will gain an understanding and, hopefully, an appreciation of these genres which will lead them to further studies.

Literature of an Author: Shakespeare

01053SX

Prerequisite: None

Level: 11-12

Grad Requirement: EN

Trimesters: 1

NCAA Approved

Students will study the works of William Shakespeare, including a selection of his sonnets and at least three of his plays. There will be a focus on textual analysis, instruction on writing the critical/analytical essay, research on the social and historical context of Elizabethan England, and evaluation of film interpretations of the plays.

OPTIONAL LA ELECTIVES (Elective Credit Only)

Sports Writing

01149SP

Prerequisite: None

Level: 11-12

Grad Requirement: EL

Trimesters: 1

Sports Writing is designed to leverage interest in athletics to improve reading, writing, and thinking skills. Students will compose in a variety of forms and for different purposes, paying particular attention to the techniques effective writers use. Additionally, students will read critically and participate in discussions with book clubs, mentor texts, and individual choice books.

Speech & Debate (Not Offered in 2024/25)

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

Speech and Debate is a course for students wishing to build confidence speaking in front of a crowd and to become more effective, engaging speakers. Students will analyze speeches and other performances; use an authentic writing process to compose, revise, and perform original works; and develop their research and argumentation skills during debate units.

Yearbook

11102YA, 11102YB, 11102YC

Prerequisite: None

Level: 9-12

Grad Requirement: CT/SL

Trimesters: 3

This yearlong (three trimester) course is designed to publish the school annual, THE QUIVER. Students will learn layout techniques, copywriting, editing, use of the computer, advertising techniques and photography.

Editor's Seminar

11048XX

Prerequisite: Teacher signature required

Level: 11-12

Grad Requirement: EL

Trimesters: 1

This course is open to editors from The Arrow or The Quiver. Editors will work on their publication with the adviser.

News Magazine

11102AN, 11102BN, 11102CN

Prerequisite: None

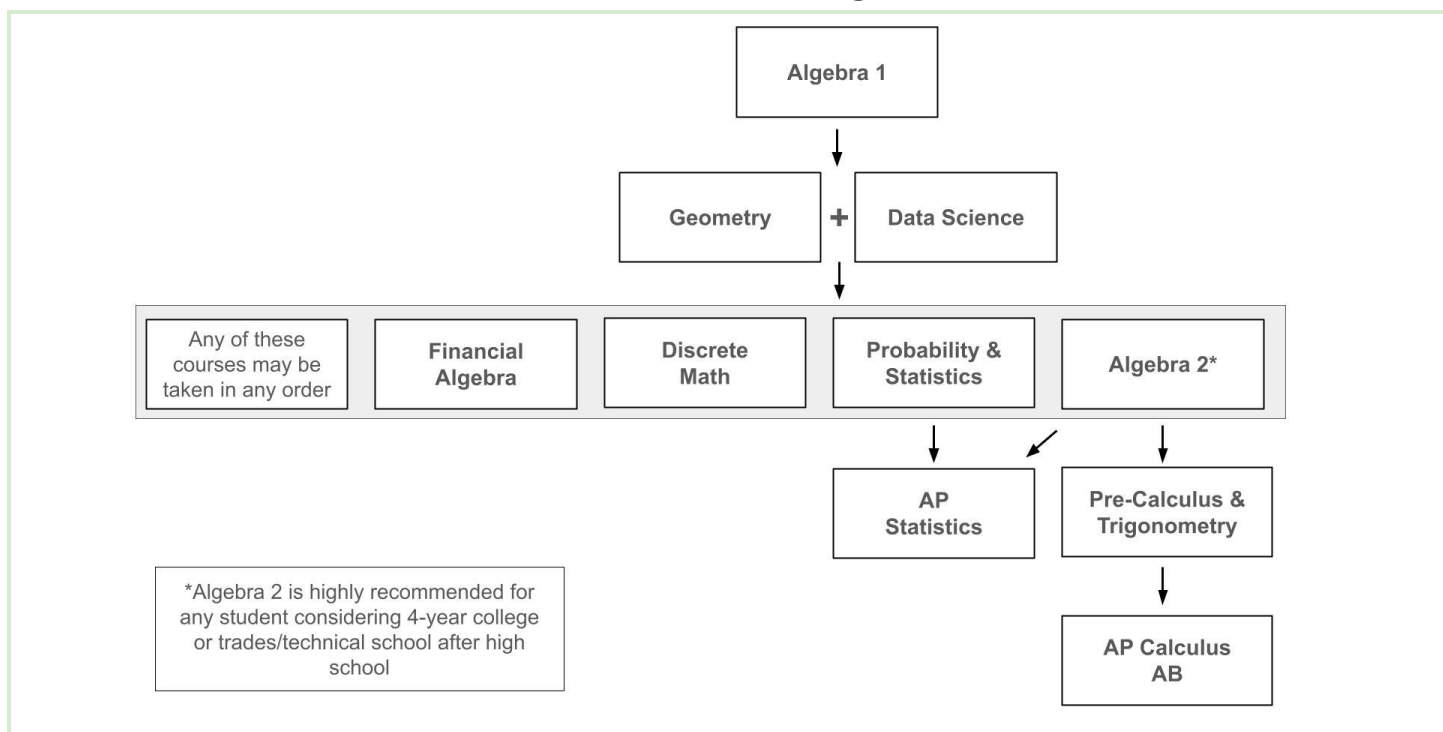
Level: 9-12

Grad Requirement: CT/SL

Trimesters: 1-3

Students in this class will publish six issues of the school's new magazine, THE ARROW, using the computer. Skills in writing, editing, layout, advertising and computer use will be taught.

MATHEMATICS



Students interested in accelerating in math should talk to their counselor. Options for concurrent math classes with Geometry and Data Science are available with counselor approval.

Algebraic Foundations & Algebra 1

02052AF, 02052A1, 02052B1

Prerequisite: None

Level: 9-12

Grad Requirement: T1 - EL, T2&3 - MA

Trimesters: 3

NCAA Approved

This course includes a study of real numbers, variables, solving linear equations and inequalities, and an introduction to the concepts of functions, polynomials, graphing linear equations, statistics, systems of equations, exponential functions and sequences. **Students would receive 1.0 credit of Math (Trimester 2 & 3) and 0.50 credit of elective (Trimester 1). Graphing calculator highly recommended for this math course.**

Geometry

02072GG

Prerequisite: Algebra 1

Level: 9-12

Grad Requirement: MA

Trimesters: 1

NCAA Approved

This course is a continuation of Algebra 1. The course study includes triangle congruence and similarity, trigonometry, and the study of two dimensional and three dimensional figures. **Graphing calculator highly recommended for this math course.**

Data Science

02201DS

Prerequisite: Algebra 1

Level: 9-12

Grad Requirement: MA

Trimesters: 1

NCAA Approved

This course is a continuation of Algebra 1. This course study includes statistical literacy, data collection methods, modeling and measures of center and spread. Students will create and analyze statistical models. Students will understand how to represent data clearly and how graphs can be misleading.

Algebra 2

02056XA, 02056XB

Prerequisite: Geometry & Data Science

Level: 9-12

Grad Requirement: MA

Trimesters: 2

NCAA Approved

This course is a continuation of the material covered in Algebra 1 and Geometry. It is an in-depth study of the real number system including equations, inequalities, and their graphs; methods of solving polynomial equations of higher degrees; and analytic geometry and logarithms. **This course is no longer a required math offering in the 2024-2025 school year. Students may elect to take this course or another math course above the Geometry and Data Science level (including Algebra 2, Discrete Math, Financial Algebra, or Probability & Statistics/AP Statistics).**

Financial Algebra

02155XA, 02155XB

Prerequisite: Geometry & Data Science

Level: 9-12

Grad Requirement: MA

Trimesters: 2

NCAA Approved

Financial Algebra is a course designed to develop a strong foundation in logical thinking and problem solving that will enable students to make informed decisions regarding matters of money and finance in their daily lives.

MATHEMATICS (cont.)

Discrete Math

The focus of Discrete Mathematics at SHS is to provide complex mathematical problems that are manageable and challenging for all students. Discrete courses are a substantial departure from the other mathematics offerings. Assessments are generally papers and projects rather than tests. The course-work rewards effort, critical thinking and persistence, but does not require Geometry or Algebra 2 content knowledge. Foundations of Logic is not a prerequisite for Visual Applications.

Discrete Math-Foundations of Logic

02102ZA

Prerequisite: Geometry & Data Science

Level: 9-12 Grad Requirement: MA Trimesters: 1 NCAA Approved

Foundations of Logic focuses on Logical reasoning, the history of cryptography and will use the board game Mastermind as an introduction to writing mathematical proofs.

Discrete Math-Visual Applications

02102ZB

Prerequisite: Geometry & Data Science

Level: 9-12 Grad Requirement: MA Trimesters: 1 NCAA Approved

Visual Applications focuses on Heuristics for approaching complex problems while studying Combinatorics as a basis for probability. Students use the game Hanabi to explore formulating and solving problems in small groups.

Probability & Statistics

02201XA, 02201XB

Prerequisite: Geometry & Data Science

Level: 9-12 Grad Requirement: MA Trimesters: 2 NCAA Approved

The first trimester of Probability and Statistics will be using real data to investigate sports topics that are discussed in the media, on the internet and in stadiums everywhere: Is it possible for a basketball player to get the "hot hand"? Do high-tech swimsuits really make you faster? When should a football team "go for it" on fourth down? Throughout this course, we will collect, organize, analyze, and interpret numerical information. We will study statistical experiments, sample space, mutually exclusive events, and how probability assignments are made and the relationship between probability and statistics. Other topics will include, random variables and probability distributions, sampling distributions, estimation, hypothesis testing, and regression and correlation. **Graphing calculator highly recommended for this math course.**

AP Statistics

02203XA, 02203XB, 02203XC

Prerequisite: Probability & Statistics OR Algebra 2

Level: 9-12 Grad Requirement: MA Trimesters: 3 NCAA Approved

The AP Statistics course emphasizes data collection, summarization, and analysis as the basis for decision-making under uncertainty. Students use data to make inferences and learn how data analysis impacts decisions made in different occupational fields as well as in their own daily lives.

Pre-Calculus & Trigonometry

02103XA, 02103XB

Prerequisite: Algebra 2

Level: 9-12 Grad Requirement: MA Trimesters: 2 NCAA Approved

Pre-Calculus explores relations and functions graphically, numerically, symbolically, and verbally. Examines exponential, logarithmic, polynomial, and rational functions. Investigates applications from a variety of perspectives. Second term Trigonometry investigates trigonometric functions, equations and identities. Examines right and oblique triangles, vectors, polar coordinates, parametric equations, and complex numbers. Explores topics graphically, numerically, symbolically, and verbally. Ten hours of college credit available.--Pre-Calculus Math 111 and Trigonometry Math 112. **Graphing calculator highly recommended for this math course.**
(Dual Credit with PCC – See Instructor/Counselor)

AP Calculus AB \$

02124XA, 02124XB, 02124XC

Prerequisite: Trigonometry & Pre-Calculus

Level: 9-12 Grad Requirement: MA Trimesters: 3 NCAA Approved

This course covers material from the first two terms of college Calculus. College credit may be available for some students. See your instructor or counselor for more information. At the end of the program students will take the AP examination and those students who achieve a specific score on the exam may earn college credit (6-9 quarter hours) upon admission to college. **Graphing calculator highly recommended for this math course.**

(Dual Credit with PCC – See Instructor/Counselor)

AP Calculus BC \$

02125XA, 02125XB

Prerequisite: AP Calculus AB

Level: 9-12 Grad Requirement: MA Trimesters: 2 NCAA Approved

This is a two trimester course that will expand the concepts taught in Calculus AB and continues into the Calculus BC concepts preparing students for the AP Calculus BC test and providing students with the opportunity to obtain college credit for Math 253 through PCC. **Graphing calculator highly recommended for this math course.**

(Dual Credit with PCC – See Instructor/Counselor)

METAL FABRICATION

METAL FABRICATION CAREER PATHWAY

CAREER TECHNICAL EDUCATION (CTE)

The Metal Fabrication Career Pathway is offered by the Sherwood High School Agricultural Science & Metal Fabrication Department to students interested in possibly pursuing a future in the trades or manufacturing industry. The pathway is designed to give students a brief picture of many of the different career paths they may take as they pursue an agricultural, natural resources, or metal fabrication after high school.

Many students who achieve the Metal Fabrication Career Pathway will move onto Agricultural Science, Forestry, Welding, Diesel Mechanics, and Agricultural Business Management majors in college or enter directly into the workforce where they will make a living wage directly out of High School. This program will enhance students' college and scholarship applications, as well as build their skill set for employment, while differentiating themselves from other similar candidates. Pathway recipients will be recognized during their senior year and at graduation.

HOW CAN THE METAL FABRICATION CAREER PATHWAY HELP YOU?

1. It will differentiate you from other students of equal qualifications when applying for colleges and universities.
2. It will differentiate you from other students of equal qualifications when applying for scholarships.
3. It will differentiate you from other job applicants when applying for a job, due to real job site experience.
4. It will offer you a wide variety of experience within the agricultural and welding industry to help you make a more educated decision about your future and your post high school career.
5. It will provide you with skills and knowledge which can translate into a variety of positions which will provide you with immediate earning potential.

REQUIRED CLASSES

• Welding 1	0.5
• Welding 2	0.5
• Adv Welding Techniques	0.5
• Metal Fabrication	0.5

TOTAL REQUIRED CREDITS

2.0

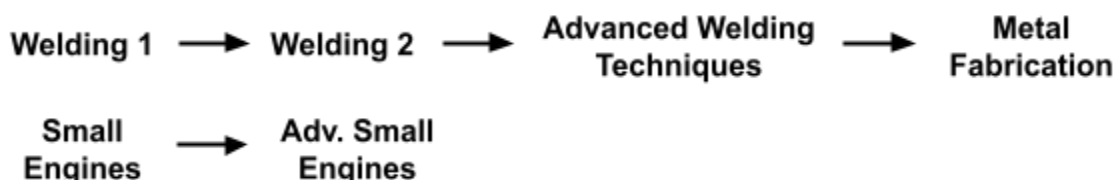
ADDITIONAL OFFERINGS (You must complete 1.0 credits of the following options)

• Introduction to Agricultural Science & Technology	0.5
• Animal Science	0.5
• Veterinary Science	0.5
• Plant & Greenhouse Management A	0.5
• Plant & Greenhouse Management B	0.5
• Advanced Horticulture A	0.5
• Advanced Horticulture B	0.5
• Small Engine Repair	0.5
• Advanced Small Engine Repair	0.5
• CTE Apprentice: Metals	0.5
• Advanced Animal Science	0.5
• Wildlife & Forestry	0.5

TOTAL CREDITS FOR PATHWAY

3.0

METAL FABRICATION (cont.)



Due to the nature of the courses, students should expect to attend regularly and be comfortable with independent work.

Welding 1

18404XX

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 1

Students will learn the fundamentals of various welding processes including Arc Welding and Oxy-acetylene welding. Instruction will include OA cutting, sheet metal design, tool identification and overall shop safety. This is an entry level class designed for the beginning welder or mechanics enthusiast. [Video Description](#)

Welding 2

18404XB

Prerequisite: Welding 1

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course is designed to expand on knowledge and skills in technical welding related fields. Content will consist of hands-on activities to include instruction in the following: SMAW, GMAW, (MIG Welding), Plasma Torch, and Oxy Acetylene. Students will demonstrate their acquired skills by producing projects/

(Dual Credit with PCC – See Instructor/Counselor)

Advanced Welding Techniques

13208XZ

Prerequisite: Welding 2

Level: 11-12

Grad Requirements: SL

Trimesters: 1

Students will learn the process of GTAW (TIG), FCAW (Flux-core), GMAW Spray Arc, and Plasma CAD Design. Students will gain skills in advanced out-of-position welding work toward gaining skills for the welding certification test.

Metal Fabrication

13209XF

Prerequisite: Advanced Welding Techniques or Teacher signature

Level: 11-12

Grad Requirement: SL

Trimesters: 1

Students will fabricate several projects individually and as a team using welding skills from previous courses. Students will have opportunities to work directly with industry professionals to prepare them for metal fabrication and/or repair employment.

(Dual Credit with PCC – See Instructor/Counselor)

Small Engine Tech

20110XA

Prerequisite: None

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course is designed to provide an overview of basic small engine maintenance, operation and repair. It covers safety, small engine theory, electrical systems, and troubleshooting. Classroom instruction covering theory of operation, 2 cycle and 4 cycle designs and applications, combined with hands-on live projects provides the student the opportunity to learn basic principles of small engine operation, including outdoor equipment, motorcycles, and A.T.V.'s. [Video Description](#)

(Dual Credit with CCC - See Counselor)

Advanced Small Engine Tech

20110AX

Prerequisites: Small Engine Tech

Level: 10-12

Grad Requirement: SL

Trimesters: 1

This course is designed to provide an overview of small engine maintenance, operation, and repair. Classroom instruction covers safety, small engine theory, electrical systems, troubleshooting, estimating repairs, customer service, and inventory management. This course focuses on individual small engine and outdoor power projects.

CTE Apprentice - Metals (Project Based)

13202CM

Prerequisite: Successful completion of previous Welding courses and Teacher approval

Level: 11-12

Grad Requirement: SL

Trimesters: 1

This course combines aspects of welding/metals, independent study and academy teaching. This course will focus on independent welding/metals projects, while also assisting in the program as needed. [Video Description](#)

MUSIC

Bowmen Band

05102BA, 05102BB, 05102BC

Prerequisite: At least one year of participation in Middle School Band. Basic knowledge of music notation & rhythm

Level: 9-12

Grad Requirement: SL

Trimester: 3

Bowmen Band is SHS's entry level large performance ensemble specifically for incoming 9th graders. This group continues the pedagogical development of instrumental techniques, music reading, and performance of standard concert literature. Students will have many performance opportunities in large and small ensemble settings.

Concert Band

05102XA, 05102XB, 05102XC

Prerequisite: One year of Bowmen Band (*9th graders, by audition and teacher recommendation only, please reach out to the band director for more details).

Level: 10-12, 9*

Grad Requirement: SL

Trimesters: 3

Concert Band continues the pedagogical development of instrumental techniques, music reading, and performance of standard concert literature. Students will have many performance opportunities in large and small ensemble settings.

Wind Ensemble

05106WA, 05106WB, 05106WC

Prerequisite: Audition required, email bstai@sherwood.k12.or.us for more information.

Level: 9-12

Grad Requirement: SL

Trimesters: 3

Wind Ensemble is the premier band at SHS; individual desire, discipline, enthusiasm, technical skills, and musicianship are fundamental requirements for members of this group. The class will provide technical development, study of the finest contemporary and traditional wind literature, and participation in a variety of concerts, festivals, marching performances, smaller ensembles, and travel opportunities.

Jazz Band Added by audition only

05105XA, 05105XB, 05105XC

*(Will be added to schedules in the Fall - **ZERO PERIOD**)*

Prerequisite: must be enrolled in one of the following musical ensembles: Wind Ensemble, Concert Band, or Bowmen Band.

Exceptions to this will be handled by the director on an individual basis only.

Level: 9-12

Grad Requirement: SL

Trimesters: 3

Jazz Band is composed of a select group of advanced students that perform a wide variety of jazz literature. The jazz style and improvisational techniques are explored, developed and refined. The Jazz Band performs at regional festivals and competitions in the winter and spring. In addition to performing standards, the jazz band is always experimenting with newly composed jazz material from internationally known artists. Students must audition with the director for placement. Students will study a variety of musical styles and will have the opportunity to develop personal skills in the art of improvisation. Students must be self-motivated.

Percussion Techniques

05103XA, 05103XB, 05103XC

Prerequisite: Prior band or music experience strongly recommended.

Level: 9-12

Grad Requirement: SL

Trimesters: 3

This is a course for all those who play drums, or want to play drums. Students from all skill levels are encouraged to take this class. This is a performing course with performances during and after school. All students taking this course should expect to attend MANDATORY performances and occasional rehearsals on evenings and/or weekends.

Independent & Group Music Study

05109AX

Prerequisite: Instrumental or vocal musical proficiency required. Instructor approval required.

Level: 9-12

Grad Requirement: SL

Trimesters: 1

This course will focus on independence-based practice and performance with an emphasis on developing effective practice techniques and regiments. This course is open to instrumental and vocal musicians but is not a place for someone to begin learning music, students taking this class should already have an understanding of their instrument. Students will keep a journal of their independent practice and complete a recital performance or independent project at the conclusion of the term. Students must be self-motivated.

Instrumental Music Apprentice

05109XZ

Prerequisite: Teacher signature required

Level: 11-12

Grad Requirement: SL

Trimesters: 1

This course combines aspects of independent student and academic teaching. This course will focus on independence-based practice and performance while continuing to develop music reading and technique. Students will assist within the classroom as needed.

MUSIC (cont.)

Concert Choir

05110AA, 05110AB, 05110AC

Prerequisite: Audition required, email kshuckerow@sherwood.k12.or.us for more information.

Level: 10-12

Grad Requirement: SL

Trimesters: 3

This ensemble will provide students with a strong focus on advanced musical skill, such as sight singing and ear training, and advanced literature in a variety of genres. Performances include choral department concerts, festivals, and regional/state level competitions.

Bowmen Chorus

05110BA, 05110BB, 05110BC

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 3

This ensemble will provide students with a foundation in music theory, vocal techniques, performance practices, and music literature. Performance literature will cover a variety of musical styles and genres. Students will participate in choral department concerts as well as several outside performances and festivals. This choir is open to anyone who wants to sing, both with experience, or as a new singer.

A Cappella Choir

05111XA, 05111XB, 05111XC

(Will be added to schedules in the Fall - ZERO PERIOD)

Prerequisite: Audition required, email kshuckerow@sherwood.k12.or.us for more information.

Level: 9-12

Grad Requirement: SL

Trimesters: 3

A cappella ensemble is designed for students who want to participate in a group of elite singers. The choir is a small auditioned ensemble that performs for special events in addition to the normally scheduled concerts. This course will provide students with a chance to perform musical theater, jazz, and contemporary repertoire.

Vocal Music Apprentice

05112VA

Prerequisite: Teacher signature required

Level: 11-12

Grad Requirement: SL

Trimesters: 1

This course combines aspects of independent student and academic teaching. This course will focus on independence-based practice and performance while continuing to develop music reading and technique. Students will assist within the classroom as needed.

AP Music Theory

05114AA, 05114AB, 05114AC

Prerequisite: beginning band, beginning choir, or teacher signature

Level: 10-12

Grad Requirements: SL

Trimesters: 3

AP Music Theory course is a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, sight singing, and harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand and describe basic materials and processes of tonal music that are heard or presented in a score.

PHYSICAL EDUCATION/HEALTH

It is a graduation requirement for students to complete 1.0 credits physical education and 1.0 credits in Health education. It is highly recommended that freshman students select 1-2 physical education classes. Sophomores must select Health A and Health B.

Lifetime Fitness

080011X

Prerequisite: None

Level: 9-10

Grad Requirement: PE

Trimesters: 1

This course will focus on learning the skills and rules of many traditional and non-traditional games in both team sports and individual sports within the physical education classroom. Students will learn basic fitness concepts and will participate in activities in a group setting. Sportsmanship, cooperation, safety, and developing a sense of fair play will be emphasized as we stress a program designed for physical fitness for life for all. Depending on the term these games may include: soccer, flag football, volleyball, pickleball, badminton, basketball, frisbee, and softball.

SAQ (Speed, Agility & Quickness)

08005XX

Prerequisite: None

Level: 9-12

Grad Requirement: PE

Trimesters: 1

SAQ focuses on taking student's fitness to a higher level. Students will participate in flexibility, speed and quickness drills, and overall cardiovascular endurance activities. This class is for students who are serious about their commitment to becoming faster and quicker.

This course may be repeated for credit.

Aerobics

08004XX

Prerequisite: None

Level: 9-12

Grad Requirement: PE

Trimesters: 1

This advanced course is designed to improve cardiovascular fitness, muscular endurance and strength. Course activities will include step, dance and kickboxing aerobics, strengthening exercises, yoga, abdominal and toning workouts and cardio-circuit training. **This course may be repeated for credit.**

Basketball Activities

08013BB

Prerequisite: None

Level: 9-12

Grad Requirement: PE

Trimesters: 1

This course is perfect for students who enjoy playing basketball. The course incorporates both open play and tournament formats. Fundamentals will be taught and tested throughout the trimester. Specific skills that will be taught are ball handling, passing, shooting and defensive fundamentals. Players will be taught offensive and defensive schemes and apply them in scrimmage or game situations. Students are expected to exhibit a high level of motivation, cooperation and sportsmanship. By the end of the trimester, students will increase their knowledge of the game, rules, sportsmanship, and skills through drills and actual game play. **This course may be repeated for credit.**

Intro to Fitness & Strength Training

08005CX

Prerequisite: None

Level: 9-12

Grad Requirement: PE

Trimesters: 1

This course is designed to teach students the proper techniques, skills and safety of fitness and strength training. This course will maximize fitness components including muscular strength, cardiovascular endurance and flexibility, which are applicable to all sports and which carry into lifetime physical conditioning habits.

Advanced Fitness & Strength Training

08009XX

Prerequisite: Intro to Fitness & Strength Training or Instructor Approval

Level: 10-12

Grad Requirement: PE

Trimesters: 1

Students in this course will participate in weight training, speed development and flexibility exercises. Each student will develop an individualized computer strength training program. This course will maximize fitness components including muscular strength, cardiovascular endurance and flexibility, which are applicable to all sports and which carry into lifetime physical conditioning habits.

This course may be repeated for credit.

Team Sports

08002XX

Prerequisite: None

Level: 10-12

Grad Requirement: PE

Trimesters: 1

Emphasis will be on enhancing physical fitness and athletic skills. This course will develop student interest in team sports, lifetime fitness, and the competitive spirit that is inherent in us all. Basic motor skills and knowledge of sports concepts will be covered. Depending on weather and facilities, the following sports may be covered: football, soccer, volleyball, basketball, softball, as well as many non-traditional games. **This course may be repeated for credit.**

Health

08051XA, 08051XB

Prerequisite: None

Level: 10

Grad Requirement: HE

Trimesters: 2

Health allows participants to acquire the knowledge and skills necessary to assume the major responsibility of directing their own health behaviors, and to reflect greater concern for the health of others. The program is a wellness-based approach emphasizing the current Oregon standards: Safe Living, Stress/Risk Taking Management, Physical Fitness and Nutrition.

PHYSICAL EDUCATION/HEALTH (cont.)

Mindfulness Studies (0.5 Elective Credit)

08057MX

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

Mindfulness Studies is a one trimester course designed to engage students in the practice of mindfulness in a fun and supportive way. Students will learn how to calm negative thoughts and replace them with productive ones. Students will learn to recognize that we can reduce stress through appropriate planning, organization and prioritization. Mindfulness practice enhances mental flexibility and problem solving. Students will learn how to communicate in-person and via electronic devices in a thoughtful manner. Students who have completed a mindfulness course often report being able to better cope with stress and anxiety as well as feeling happier and calmer. Mindfulness is defined as training our attention to our experiences in a way that allows us to respond rather than react. It is a quality of inner-stillness that is always available, even when our lives, school, or circumstances feel out of our control and chaotic. Mindfulness encourages a growth mindset. For any classroom environment, this means that students will work at knowing where their attention is and prioritizing where their attention needs to be and stay. Mindfulness also implies cultivating an attitude with which we pay attention – one of openness, interest, and acceptance.

Unified PE Peer Tutor

19099PE

Prerequisite: None

Level: 10-12

Grad Requirement: EL

Trimesters: 1

Combine your love for fitness with your desire to support students with disabilities. Peer tutors will be responsible, have a positive attitude, good communication skills, and a love for helping others through activity. This class will focus on planning activities and facilitating games and fitness activities in a fun and enriching environment. All peer tutors will receive instruction on how to effectively support students experiencing disabilities. [Video Description](#). **This course may be repeated for credit.**

SCIENCE

Requirements (Beginning Class of 2028):

Students in the class of 2028 and beyond must take 1.5 credits of Life Science and 1.5 credits of Physical Science courses during high school.

- All Freshmen take Life Science A and Physical Science A.
- Additional science courses will be introduced in the 2025-2026 school year.

Requirements (Ending Class of 2027):

Students in the class of 2025-2027 must take 1.0 credits of Biology and 1.0 credits of Chemistry or Physics courses anytime during high school.

Freshmen (New Sequence for the Class of 2028)

- Life Science A (required for all freshmen)
- Physical Science A (required for all freshmen)
- Intro to Forensic Science (Elective Credit Only)*

Sophomore Options (Continue Previous Sequence)

- Chemistry
- AP Chemistry
- Physics
- AP Physics 1
- Botany*
- Forensic Science A*,B*,C*

Junior/Senior Options

- Chemistry
- Forensic Science A*,B*,C*
- Physics
- AP Physics 1
- AP Physics 2
- Environmental Science*
- Astronomy*
- AP Biology
- AP Chemistry
- Anatomy/Physiology*
- Botany*

*Elective Science Courses That May Be Taken In Addition to Core Courses

Life Science A

Prerequisite: None

Level: 9

Grad Requirement: SC

Trimesters: 1

03158XX

NCAA Approved

Life Science A explores living systems, including: the nature of the living condition, ecology, populations, the human influence on earth, biological evolution, and earth and human activity.

Physical Science A

Prerequisite: None

Level: 9

Grad Requirement: SC

Trimesters: 1

03159XX

NCAA Approved

Physical Science A provides an introduction to physics and chemistry. Students will examine matter and its interactions, motion and stability, and Earth's place in the universe.

Biology (Not Offered in 2024/25)

Prerequisite: None

Level: 9-10

Grad Requirement: SC

Trimesters: 2

NCAA Approved

Biology explores living systems. Students will examine living systems from a global scale to a microscopic scale, in order to understand the structure and function of life.

Chemistry

Prerequisite: None

Level: 10-12

Grad Requirement: SC

Trimesters: 2

03101XA, 03101XB

NCAA Approved

Chemistry is the study of the interaction of matter and its changes. This course is an investigation into the application of chemistry to everyday life with an emphasis on critical thinking, problem solving, and the application of concepts. This class explores concepts such as the structure of matter, interaction of substances, chemical reactions, the energy changes associated with them. This class is designed to develop college and career readiness.

Physics

Prerequisite: Concurrent Geometry & Data Science is recommended

Level: 10-12

Grad Requirement: SC

Trimesters: 2

03151XA, 03151XB

NCAA Approved

Physics is a laboratory based exploration of how our world works with an emphasis on concepts, hands-on activities, and problem solving. The topics that will be explored include: motion, projectiles, forces, work and energy, gravity, sound waves, and simple electricity. This class is designed to prepare students for college.

SCIENCE (cont.)

AP Chemistry \$

03106XA, 03106XB, 03102AX

Prerequisite: Chemistry is recommended

Level: 10-12 Grad Requirement: SC Trimesters: 3 NCAA Approved

AP Chemistry is a laboratory based investigation of the interaction of matter and its changes. AP Chemistry explores concepts such as Atomic, Molecular, and Ionic Structure, Intermolecular Forces, Chemical Reactions, Kinetics, Thermodynamics, Equilibrium, Acids, and Bases. This is a challenging course that aims to prepare students for the AP Chemistry tests in the spring, as well as develop as a knowledge base that is aimed towards students who plan to study medicine, engineering, and other sciences in college. Students should contact the teacher regarding a summer review assignment of Chemistry A and B.

Students who pass the AP Exam will have an opportunity to earn college credit.

AP Physics 1 \$

03155PA, 03155PB, 03152PC

Prerequisite: Geometry & Data Science

Level: 10-12 Grad Requirement: SC Trimesters: 3 NCAA Approved

This course is an introductory physics course which explores the foundations of physics through hands-on activities and labs, and extensive algebra based problem solving. This exciting class investigates kinematics, Newtonian mechanics, work, power, energy, rotational motion, gravity and orbits, static electricity, basic circuits, and mechanical waves in preparation for the AP Physics 1 exam in the spring. This course is designed for students who are interested in science, engineering, or medicine.

Students who pass the AP Exam will have an opportunity to earn college credit.

AP Physics 2 \$

03156XA, 03156XB, 03152BX

Prerequisite: AP Physics 1 or Physics

Level: 11-12 Grad Requirement: SC Trimesters: 3 NCAA Approved

This course dives into all of a students' burning questions about how the world works. This course has a similar structure to AP Physics 1 but explores fluids, heat engines, complex circuits, magnets, light and color, quantum, and relativity in preparation for the AP Physics 2 exam in the spring. This course is designed for inquisitive students planning to pursue science, engineering, or medicine.

Students who pass the AP Exam will have an opportunity to earn college credit.

AP Biology \$

03056XA, 03056XB, 03052XC

Prerequisite: Biology or Life Science A, Concurrent Chemistry A & B for current sophomores

Level: 10-12 Grad Requirement: SC Trimesters: 3 NCAA Approved

This is a dual-credit course through Portland Community College (Biology 101, 102, 103). Students earn four college credits/trimester for a total of 12 college credits. Students have the option of taking the AP Biology exam. An AP score of four or five may boost the college credits to the 200 level (needed for science majors). Successful students study 5-15 hours/week.

(Dual Credit with PCC – See Instructor/Counselor)

Anatomy / Physiology

03053XA, 03053XB

Prerequisite: Biology or Life Science A

Level: 11-12 Grad Requirement: SC Trimesters: 2 NCAA Approved

This course is strongly recommended for students interested in the medical field. No AP exam, the grade earned goes directly onto your high school and college transcripts. Students earn 8 college credits for this course. Anatomy and Physiology is challenging and intellectually stimulating. Expect to study 5+ hrs per week.

(Dual Credit with PCC – See Instructor/Counselor)

Environmental Science

03003XA, 03003XB

Prerequisite: None

Level: 11-12 Grad Requirement: SC Trimesters: 2 NCAA Approved

Students will explore issues in ecology and conservation to investigate and restore local habitats. They will need an understanding of general chemistry and biology to be successful. Students should expect to spend time off campus and outdoors. Individual student projects are presented for evaluation at the end of the trimester.

Botany

03058XA

Prerequisite: None

Level: 10-12 Grad Requirement: SC Trimesters: 1 NCAA Approved

Botany is designed to study many aspects of plants; everything from the local flora of the surrounding area to the xylem structure of trees. Students will spend time identifying plants, preserving them as herbarium specimens, learning to document them with biological illustration techniques, and studying both their internal and external characteristics. Students should expect to spend time outdoors.

Astronomy

03008XX

Prerequisite: None

Level: 11-12 Grad Requirement: SC Trimesters: 1 NCAA Approved

Astronomy will focus on the Earth's place within the universe. It will use mathematics, such as algebra, to investigate how the laws of physics govern the formation of planets, stars, galaxies, and the origin of the universe.

SCIENCE (cont.)

Introduction to Forensic Science

03210IX

Prerequisite: None

Level: 9

Grad Requirement: EL

Trimesters: 1

NCAA Approved

This course offers an overview of the basic principles covered in the field of forensic science. This is an elective course taken by choice in addition to Life and Physical Science for elective credit.

Forensic Science A & B

03210XA, 03210XB

Prerequisite: None

Level: 10-12

Grad Requirement: SC

Trimesters: 2

NCAA Approved

Forensic Science, or criminalistics, is intended to place students at the scene of a crime and provide them with the skills, experience (laboratory and basic knowledge) needed to assist in solving a crime. Students learn to identify, blood, drugs, poisons, weapons and other evidence present. The class will also focus on the impact of forensic science on criminals, law enforcement, prosecutors, defense attorneys, and on society today.

Forensic Science C

03210XC

Prerequisite: Forensic Science A & B; occasional transportation off campus

Level: 10-12

Grad Requirement: SC

Trimesters: 1

NCAA Approved

This course will have students build mock crime scenes and practice the teamwork required to work those scenes by taking on the roles of investigators, forensic scientists and other specialists.

SOCIAL SCIENCE

Graduation Requirements

The following Social Science credits are required for graduation for the class of 2025 and later:

For the class of 2024 and before, please see page 6 - your requirements vary based on diploma type.

EC: Economics (.5)

GV: Government (.5)

SA: Social Science Analysis (.5)

US: US History (1.0)

WH: World History (1.0)

In addition, students need 8.0 credits of electives (EL) for the Sherwood diploma, or 6.0 for the Honors diplomas. *Note: if you earn more than the required of any of the above credits, the excess are counted as elective (EL) credit.*

The following table explains the different ways in which these credits can be earned in Social Sciences:

WH need 1.0 credit	Human Geography	- Mostly freshmen - On-level class	- One trimester .5 WH
	Modern World History	- Mostly sophomores - On-level class	- One trimester .5 WH
	AP Human Geography	- Mostly freshman, open to grades 9-10 - Advanced Placement level class	- Three trimesters .5 EL (T1), 1.0 WH (T2 & T3)
	AP European History (Not Offered 24-25)	- Mostly sophomores, open to grades 10-12 - Advanced Placement level class	- Three trimesters 1.0 EL (T1 & T2), .5 WH (T3)
US need 1.0 credit	US History A,B,C (this class will begin in the 23-24 school year)	- Mostly juniors - On-level class	- Three trimesters 1.0 US (T1 & T2), .5 SA (T3)
	AP US History	- Mostly juniors, but open to grades 10-12 - Advanced Placement level class - Dual credit option through PCC	- Three trimesters 1.0 US (T1 & T2), .5 SA (T3)
GV need .5 credit	Government	- Seniors - On-level class	- One trimester .5 GV
	AP US Government and Politics	- Open to grades 10-12 - Advanced Placement level class	- Three trimesters 1.0 EL (T1 & T2), .5 GV (T3)
EC need .5 credit	Economics	- Seniors - On-level class with a Dual Credit option	- One trimester .5 EC
SA need .5 credit	US History A,B,C (this class will begin in the 23-24 school year)	- Mostly juniors - On-level class	- Three trimesters; 1.0 US (T1 & T2), .5 SA (T3)
	AP US History	- Mostly juniors, but open to grades 10-12 - Advanced Placement level class - Dual credit option through PCC	- Three trimesters 1.0 US (T1 & T2), .5 SA (T3)

SOCIAL SCIENCE (cont.)

Note: These requirements begin with the Class of 2025

FUTURE LEADERS DISTINCTION

The Future Leaders Distinction is offered by the Sherwood High School Social Science Department to students interested in expanding their awareness and readiness to lead through deepening their knowledge of history, society, government and economics. The distinction is designed to support students in gaining knowledge and experience in a variety of areas that will help them in their future endeavors.

Many students who focus on social studies in high school will move on to history, government, economics, law, psychology, sociology, political science, public policy, art history, religious studies, journalism or philosophy majors or minors in college. There are a wide variety of career possibilities available to those with an interest and background in these areas.

WHY SHOULD YOU COMPLETE THE FUTURE LEADERS DISTINCTION?

1. When applying for colleges and universities, scholarships, or jobs it will show your commitment to deepening your knowledge in these areas.
2. A student who earns the Future Leaders Distinction will have gained experience and knowledge to help them contribute to society in meaningful and diverse ways.
3. Every graduating student who earns the Future Leaders Distinction will be eligible to be awarded the "Social Studies Student of the Year" award.
4. Every graduating student who earns the Future Leaders Distinction will be recognized with a cord at graduation to honor their achievement.

Future Leaders Distinction Requirements:

To earn the Future Leaders Distinction, you must earn at least 5.5 credits of social science courses. Please note this requires 2.0 credits in addition to the 3.5 credits required for graduation.

AP Must complete at least ONE:	Eligible courses:
AP Human Geography (1.5 credits) AP European History (1.5 credits) AP United States History (1.5 credits) AP United States Government and Politics (1.5 credits) AP Psychology (1.5 credits)	1. All social science AP courses are eligible (1.5 each) 2. All required courses are eligible: Human Geography (.5), Modern World History (.5), US History (1.5), Comprehensive Government (.5), Economics (.5)* 3. All selectives are eligible: Current Events (.5) History through Cinema (.5) Native American History & Indigenous Studies (.5) Psychology for Life, Health and Happiness (.5) Sociology (.5) WWII and the Holocaust (.5) Constitutional Law (.5) The Law and Your Rights (.5)
Total credits required from the above for Future Leaders Distinction: 5.5 * These courses are required for graduation but may be substituted with an AP course.	

SOCIAL SCIENCE (cont.)

Human Geography

04001XX

Prerequisite: None

Level: 9

Grad Requirement: WH

Trimesters: 1

NCAA Approved

This one trimester class serves as the introductory social studies class for freshmen. Students will explore geography and culture of all world regions, and learn about what affects culture including migration, language, religion, environment, food, resources, and climate. This course fulfills .5 credit of WH (World History) credit.

AP Human Geography \$

04004XA, 04004XB, 04004XC

Prerequisite: None

Level: 9-10

Grad Requirement: EL(T1), WH(T2&T3)

Trimesters: 3

NCAA Approved

Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. This course fulfills 1.0 of WH (World History) credit.

Students who pass the AP Exam will have an opportunity to earn college credit.

Modern World History

04053XX

Prerequisite: Human Geography

Level: 10

Grad Requirement: WH

Trimesters: 1

NCAA Approved

This course will cover the World History standards not covered in Human Geography or US History, and will continue to expand on students' social science skills including analysis and writing. This course fulfills .5 credit of WH (World History) credit.

AP European History \$ (Not Offered in 2024/2025)

Prerequisite: None

Level: 10-12

Grad Requirement: EL(T1&T2), WH(T3)

Trimesters: 3

NCAA Approved

This course is designed to increase the student's understanding of European history from 1450 to the present, its development and institutions, with the goal of having each student pass the AP examination. The areas of concentration include political, social and economic institutions, as well as cultural and intellectual development. At the end of the program students will take the AP examination and those students who achieve a specific score on the exam may earn college credit (6-9 quarter hours) upon admission to college.

Students who pass the AP Exam will have an opportunity to earn college credit.

US History

04101XA, 04101XB, 04101XC

Prerequisite: None

Level: 11

Grad Requirement: US(T1 & T2), SA(T3)

Trimesters: 3

NCAA Approved

All students must choose either this course or AP US History to fulfill the US History and Social Science Analysis graduation requirements. This course will cover the US History and Oregon history standards from the Reconstruction through the recent past, and will continue to expand on students' social science skills including analysis and writing.

AP U.S. History \$

04104XA, 04104XB, 04104XC

Prerequisite: None

Level: 10-12

Grad Requirement: US(T1&T2), SA(T3)

Trimesters: 3

NCAA Approved

AP U.S. History is both a dual-credit and Advanced Placement course that is designed to increase student understanding of American history from 1491 to the present. By taking this course through Portland Community College students can earn 4 college credits per trimester, for up to 12 total college credits (History 201, 202, 203). Students are also encouraged to take the AP U.S. History exam at the end of the year. During this course, students will use history to make connections across time periods by comparing historical events and issues, evaluating cause and effect relationships, and by evaluating examples of continuity and change over time. Students will develop critical thinking skills in a variety of discussions, projects, and activities by critically assessing sources and developing educated opinions about the past based on valid and reliable historical evidence.

US Government - Comprehensive

04151CX

Prerequisite: None

Level: 12

Grad Requirement: GV

Trimesters: 1

NCAA Approved

US Government - Comprehensive is a one trimester course which focuses on the United States government including its founding, function, and current issues. Students will consider issues including politics, voting, and the rights and responsibilities of citizens.

SOCIAL SCIENCE (cont.)

AP United States Government and Politics

04157XA, 04157XB, 04157XC

Prerequisite: None

Level: 10, 11, 12

Grad Requirement: EL(T1&T2), GV(T3)

Trimesters: 3

NCAA Approved

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. In addition, they will complete a political science research or applied civics project. **The course prepares students to take the AP exam, and students who pass will have the opportunity to earn college credit.**

Economics

04201XA

Prerequisite: None

Level: 12

Grad Requirement: EC

Trimesters: 1

NCAA Approved

Economics is a one trimester course which focuses on the economic concepts, principles, and systems at the international, federal, state, and local levels as well as what it means to be a consumer in these systems.

(Dual Credit with NWP/OIT – See Instructor/Counselor)

AP Psychology \$

04256XA, 04256XB, 04256XC

Prerequisite: Recommended that incoming 9th graders have earned B's or higher in middle school science and social studies classes

Level: 9-12

Grad Requirement: EL

Trimesters: 3

NCAA Approved

AP Psychology is a college level course that covers a broad range of topics. Areas include: the brain and how it works, sensation and perception, learning and memory, developmental psychology, motivation and emotion, personality, psychological disorders, and social psychology. **The course prepares students to take the AP exam, and students who pass will have the opportunity to earn college credit.** In addition, when possible, the class will focus on how students can apply psychology to improve and enrich their lives.

Psychology for Life, Health and Happiness

04254LH

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

NCAA Approved

This class will look at how the basic principles of psychology can be applied to improve your life, health and happiness. The class will focus on consciousness and sleep, learning and memory, motivation and emotion, how to deal with stress, development and personality, and social psychology. Students will conduct an experiment and will evaluate the impact of their learning on their lives.

Sociology

04258XX

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

NCAA Approved

Sociology is the study of humans and their relationships with others. The study focuses on group behavior and how the environment, attitudes, group pressures, and social institutions dictate and shape social behavior. This class will cover the foundations of society, influences on social inequality including racial, sexual and wealth inequalities.

Current Events

04064XX

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

NCAA Approved

Students will embark on a dynamic exploration of the ever-evolving world around them through a lens of critical media literacy. The curriculum is designed to empower students with the skills needed to navigate an information-saturated landscape, emphasizing the ability to discern reliable news sources from misinformation. Through engaging discussions and activities, students will learn to analyze news articles, videos, and social media content, developing a keen awareness of bias and propaganda. The course will equip students with the tools to construct well-reasoned and articulate written responses to complex and challenging topics, fostering the development of effective communication skills. Students should expect to gain the skills of not only an informed global citizen but also as an adept and discerning consumer and creator of media content. **This course may be repeated for credit.**

History through Cinema

04065CX

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

This course teaches students world history through the viewing, discussing and analyzing of classic films. It is a unique, yet educational way to learn history. Areas of study may include: exploration, slavery, the French and Indian Wars, colonial life and the Revolutionary War, Western Expansion, immigration, the Civil War and Reconstruction, the Wild West, imperialism, progressivism, WWI, the Great Depression, WWII and the Holocaust, the Cold War, the Civil Rights Movement, the space program, Vietnam, as well as more recent topics.

SOCIAL SCIENCE (cont.)

Native American History & Indigenous Studies

04061AX

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

NCAA Approved

In this course we will explore the cultural traditions and experiences of Indigenous Peoples through both historical and contemporary lenses. We will explore and celebrate the diversity of Native American cultures, identities, epistemologies, and belief systems, both on local and national scales. We will trace the history of indigenous groups from first contact between European and Native peoples to the present day, to understand the historical and contemporary struggles and hardships that still exist. We will finally study Indigenous resistance to oppression throughout history, and explore the fight for equality, renewal, and regeneration today. [Video Description](#)

The Law & Your Rights

04162XX

Prerequisite: None

Level: 9-12

Grad Requirement: EL

Trimesters: 1

This course is an introduction to the United States legal system. It explores the foundations of law, criminal law, criminal procedure, civil law, student rights, and the Constitution. Students will examine actual and hypothetical situations which highlight both positive and negative elements of our legal system. Students will engage in a series of role-playing small group activities and law-related simulations including moot courts and mock trials. Contemporary social issues such as gun control, free speech, capital punishment, the prison system, and the war on drugs may also be explored. Students will develop a working understanding of their rights and responsibilities under the law.

World War II Holocaust

04065FX

Prerequisite: None

Level: 10-12

Grad Requirement: EL

Trimesters: 1

NCAA Approved

This course examines the conditions in the world that allowed for the rise of dictators, including Hitler, Stalin and Mussolini. We will study their time in power, the ramifications of their rule, as well as how their actions led the world to war. We will then shift our study to a closer look at the war itself, both in Europe and in the Pacific. Lastly, we will end the course with an in-depth look at the holocaust and other wartime atrocities.

Constitutional Law

04165CL

Prerequisite: AP Government

Level: 11-12

Grad Requirement: EL

Trimesters: 1

Constitutional Law is a trimester-long course that prepares a team to compete in the annual *We The People* (Constitution Team) competition. Students will be engaged in an in-depth study of philosophy, the Constitutional Convention, the Bill of Rights, the 14th Amendment, and modern citizenship. To take Constitutional Law, students need to have first successfully completed AP US Government and Politics, as the course will run simultaneously with the current AP US Government and Politics class and students enrolled in the course will also act as peer tutors to support the AP course. Students will be required to attend some additional Flex sessions to prepare and may be required to meet outside of class in the weeks prior to the regional competition in January.

SPECIAL PROGRAMS

Access

22252XA, 22252XB, 22252XC

Prerequisite: Referral only by IEP Team or Administration

Level: 9-12

Grad Requirement: EL

Trimesters: 3

This class is designed to support learners who need specially designed instruction in core areas such as reading, writing, and math. This is a Pass/Fail course where students' grades are based on a number of required assignments throughout the trimester.

(Pass/Fail grade)

Consumer Mathematics

02157XA, 02157XB, 02157XC

Prerequisite: Referral only by IEP Team or Administration

Level: 9-12

Grad Requirement: EL

Trimesters: 3

This course is designed for students that need instruction on real-life mathematics in real-world contexts. Students will learn concepts including, but not limited to: wages and salary, budgeting and banking, daily living expenses, and taxes. Students will complete guided practice, practical application and simulated real-life experiences.

Math Intervention

Prerequisite: Referral only by IEP Team or Administration

Level: 9-12

Grad Requirement: EL

Trimesters: 3

This course is designed for students that need instruction on real-life mathematics in real-world contexts. Students will build math skills to prepare them for algebraic concepts. Students will complete guided practice, practical application and simulated real-life experiences.

Access Language Arts

1067ALA, 1067ALB, 1067ALC

Prerequisite: Referral only by IEP Team or Administration

Level: 9-12

Grad Requirement: EL

Trimesters: 3

This class is designed to support learners who need specially designed instruction in reading and writing. This course may be repeated for credit.

Vocational Skills

22151VE

Prerequisite: Referral only by IEP Team or Administration

Level: 9-12

Grad Requirement: EL

Trimesters: 1

This class is designed to support learners who need specially designed instruction in career readiness skills. This is a Pass/Fail course where students' grades are based on a number of required assignments throughout the trimester. This course may be repeated for credit. (Pass/Fail grade)

Expanding Language Skills- Content & Language

22003ZX

Prerequisite: Current eligibility for English Language Development Services through the State of Oregon Assessment

Level: 9-12

Grad Requirement: EL

Trimesters: 3

This course is for students who have a second language in the home and have current English Language Development service eligibility through the State of Oregon assessment. ELD content and language focuses on thematic units, tied to Sherwood High School content and elective courses, for vocabulary and comprehension building, as well as form and function of the English language. Students are working toward a proficient level with their academic English language reading, writing, speaking, and listening skills in the academic setting. Students also have the opportunity to receive support for their content area classes on a weekly basis through the skill building of organization, time management, self-advocacy and ongoing communication with their teachers. (Pass/Fail grade)

Functional Language Arts

01067LX

Prerequisite: Referral only by IEP Team or Administration

Level: 9-12

Grad Requirement: EL

Trimesters: 1

This class is designed to support learners who need specially designed instruction in reading and writing. This is a Pass/Fail course where students' grades are based on a number of required assignments throughout the trimester. This course may be repeated for credit. (Pass/Fail grade)

Functional Mathematics

02049MX

Prerequisite: Referral only by IEP Team or Administration

Level: 9-12

Grad Requirement: EL

Trimesters: 1

This class is designed to support learners who need specially designed instruction in math. This is a Pass/Fail course where students' grades are based on a number of required assignments throughout the trimester. This course may be repeated for credit. (Pass/Fail grade)

Note: Students may be placed in a number of Special Education classes based on their current needs and their Individual Education Plans (IEP). These courses may include, but are not limited to: Bowmen Production, Independence Academy, Functional Academics, etc. Please work with your IEP Case Manager for specific details.

WORLD LANGUAGE

Native Spanish-Speakers

Native Spanish-speakers are encouraged to meet with a high school Spanish teacher to evaluate their Spanish language skill level so that they may be appropriately placed in the Spanish course level that best meets their needs. As ability levels vary significantly, native speakers could be placed in Spanish 1 or even as high as AP Spanish. Many students may speak very well but lack strong reading and writing skills. Typically students with little experience reading and writing in Spanish are placed in Spanish 1 or Spanish 2. Students who demonstrate strong reading and writing skills are often placed in Spanish 3 or above. Please see your counselor for more information.

Spanish 1

240521A, 240521B

Prerequisite: None

Level: 9-12

Grad Requirement: SL

Trimesters: 2

NCAA Approved

Spanish 1 will emphasize listening and speaking the target language in addition to writing and reading. Culture is also stressed. Parts of the class are conducted in Spanish making it very important for the student to come to class, pay attention, and participate. They cannot be shy or afraid to make mistakes, as this is how a new language is learned.

Spanish 2

240532A, 240532B

Prerequisite: Spanish 1 or Teacher Recommendation

Level: 9-12

Grad Requirement: SL

Trimesters: 2

NCAA Approved

Spanish 2 should be taken by students who have successfully passed Spanish 1 and who are interested in increasing their ability and knowledge of the language and culture. This class will be taught in Spanish, enabling the students to expand their comprehension while broadening their own vocabulary and learning new verb tenses. Extemporaneous speaking will be emphasized in second year Spanish.

Spanish 3

240543A, 240543B

Prerequisite: Spanish 2 or Teacher Recommendation

Level: 9-12

Grad Requirement: SL

Trimesters: 2

NCAA Approved

Spanish 3 is for students who have an interest in being able to confidently communicate with Spanish speakers in the real world, and who have successfully demonstrated their proficiency of the Spanish 1 and 2 standards. Thematic investigations of the cultures of different Spanish speaking countries provide students with opportunities to broaden their vocabulary and communication skills. Emphasis is placed on building student confidence around their ability to communicate (speak, read, write, and listening comprehension). This course is conducted primarily in Spanish and students are expected to utilize Spanish whenever possible.

(May be available for Dual Credit with WP/WOU – See Instructor)

Spanish 4

240554A, 240554B

Prerequisite: Spanish 3 or Teacher Recommendation

Level: 9-12

Grad Requirement: SL

Trimesters: 2

NCAA Approved

Spanish 4 is for students who want to grow their Spanish language skills at an advanced level through interpretive, interpersonal, and presentational activities. Students will apply concepts from previous levels, adding more complex grammatical structures to improve language production. Strong emphasis is placed on continuing to build confidence around an ability to communicate effectively and efficiently in a variety of real world settings. These linguistic skills will be applied as students conduct in depth thematic investigations of cultures of different Spanish speaking countries. This course is conducted primarily in Spanish and students are expected to utilize Spanish when communicating with the instructor and their peers.

(May be available for Dual Credit with WP/WOU – See Instructor)

AP Spanish \$

24064AA, 24064AB, 24064AC

Prerequisite: Spanish 4, or Teacher recommendation

Level: 9-12

Grad Requirement: SL

Trimesters: 3

NCAA Approved

This course is recommended for the serious student who has reached above average competency in Spanish. The AP Spanish Language and Culture course is a rigorous college preparatory course taught exclusively in Spanish. The course focuses on the integration of authentic resources including online print, audio and audiovisual resources, as well as traditional resources including the introduction of some literary works in Spanish. Emphasis will be given to the development and use of the second language skills of speaking, listening, reading, and writing; and cultural studies.

Students who pass the AP Exam will have an opportunity to earn college credit.

Spanish for Spanish Speakers

24057SA, 24057SB

Prerequisite: Spanish language proficiency

Level: 10-12

Grad Requirement: SL

Trimesters: 2

NCAA Approved

This course is recommended for Spanish-speaking students who want to strengthen their reading, oral and writing skills. Students will have the opportunity to explore the Spanish language through short stories, novels, poetry, articles, and current events, as well as use movies, documentaries, and other forms of communication to better understand the identities and cultures of Spanish-speaking countries and communities. Spanish speaking students will develop and continue to perfect their native Spanish as is spoken in academic and professional settings in Spain, Mexico, or Latin America. Students will be involved in both small group discussions and various writing activities. **(Dual Credit with CCC—see Instructor)**

