SUN VALLEY HIGH SCHOOL

COURSE SELECTION GUIDE

2025 - 2026

PENN-DELCO SCHOOL DISTRICT

Sun Valley High School Student Handbook

Penn Delco School District

2881 Pancoast Avenue. Aston, PA 19014 610-497-6300 ext. 2400

Sun Valley High School Website Penn Delco SD Website

https://www.pdsd.org/Domain/92 https://www.pdsd.org/

Administration

Superintendent: Dr. George Steinhoff

Assistant Superintendent: Dr. Eric Kuminka

Principal: John Paul Roskos

Assistant Principal: Dr. Linda Giles

Assistant Principal: Joseph Peleckis

Athletic Director: Patrick Rafferty

Purpose

The purpose of the Penn-Delco School District is Education, Service, and Leadership.

Mission Statement

The mission of the Penn-Delco School District is to enable all students to achieve, succeed, and excel.

- Achieve at least a year of academic growth in a year's time
- Succeed at mastering *Ready for Life* skills
- Excel in the pursuit of a personal interest or talent

Vision

We envision a district-wide culture committed to ensuring that all graduates are *Ready for Life:* prepared and capable of making a positive contribution to society.

Sun Valley High School Valley Values

- Respectful
- Responsible
- Ready

Five Core Ready for Life Competencies

- Character
- Collaboration
- Critical Thinking
- Creativity
- Communication

How to use the Course Guide

01

Step 1 Review the Course Guide

Take time to ensure your aware of all the options SVHS offers & its policies.

02

Step 2 Evaluate your current status & goals

What classes do I have to take?
What classes am I most interested in?
What do I need for my post HS plans?

03

Step 3 Ask Questions

Whats the difference between AP & dual enrollment?
Will my target school accept certain classes?
What other things should I be considering?

04

Step 4 Talk it Over

Talk your plans out with those closest to you. Discuss your goals, strengths and weaknesses. Lean on others wisdom.

05

Step 5 Select Your Courses

Be aware of course selection timelines. Make confident decisions that put you in the best pathway to success.

Table of Contents

Welcome Message

Welcome to the 2025-26 Sun Valley High School Educational Planning and Course Selection Guide. This document contains critical information for your next steps towards a successful school experience that prepares you for life. Please carefully review all the information provided within this document to inform your decisions. As you select your classes consider these critical questions:

- What are my graduation requirements and required courses?
- What are the prerequisites for the courses that I will eventually be interested in?
- What is the level of difficulty of the courses I select and am I prepared to meet/exceed that expectation?
- What are the recommended and required courses for your post secondary plans?

The scheduling process is driven by student requests. This includes section creation, staffing and course placement. Due to this we can not honor significant changes requests after a master schedule is complete. We ask that all students and families take this princess serious consideration to ensure a proper schedule is created.

Counselors are important in the course selection process. Through continuous contact, they can assist students in making choices in line with career goals. The counselors use school records including grades, teacher recommendations, test results, work habits, attitudes and previously determined goals to help students with their school plan. Parents wishing assistance with course selections are encouraged to contact guidance.

Counselor Name	Cohort of Students by Last Name
Ms. Jillian Foster	A - Def
Mrs. Fran Im	Deg - Hol
Ms. Madeline Martin	Hom - Mel
Dr. Kat James	Mem - Sa
Ms. Megan Snyder	Sc - Z

High School Graduation Requirements

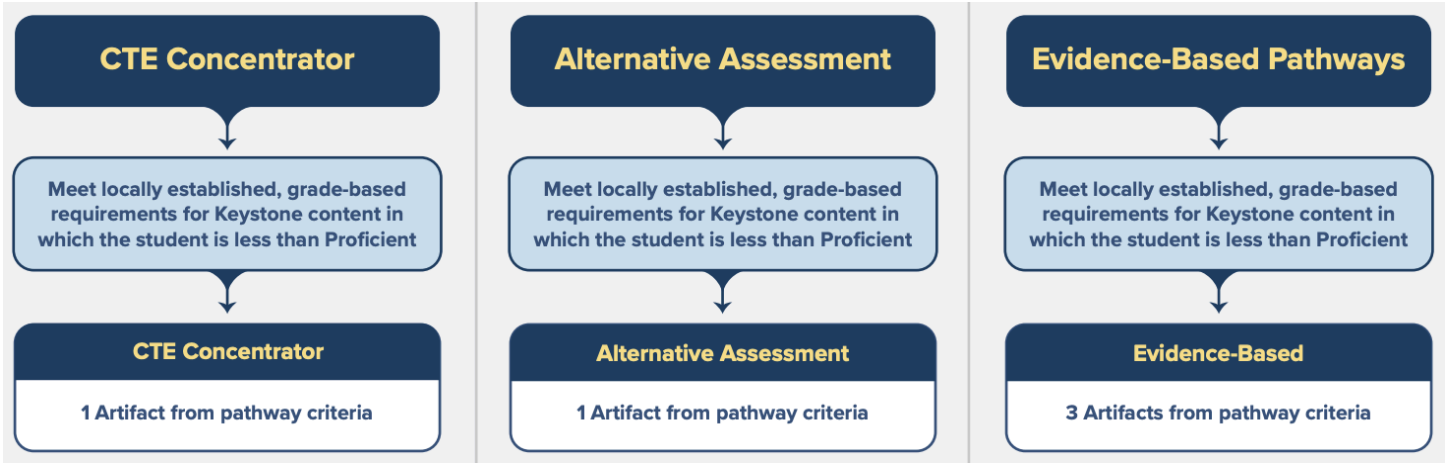
Students must complete the following requirements to graduate and earn a diploma from Sun Valley High School:
The mandatory credit attainment is as follows:

SVHS Minimum Credit Attainment	
Subject Area	Credits
English Language Arts	4
Mathematics	4
Science	3
Social Studies	3
Health & Physical Education	1.5
Careers	.5
Arts / Humanities / Electives	7
Total Minimum Credits	23

*Note: Students completing one of our new Dual Enrollment Programs may be required to earn more than the minimum amount of credits. Please see the credit requirements for each program.

Pennsylvania Act 158 Graduation Requirement: Students must pass all 3 Keystone Exams with a minimum score of 1500 or higher. (Algebra, ELA, Biology). If a student does not meet this pathway there are 4 additional pathways that a student may meet to satisfy this requirement.

These include: Pathway 2: Keystone Composite Pathway 3: CTE Concentrator
Pathway 4: Alternative Assessment Pathway 5: Evidence Pathway



CTE Concentrator

1 Artifact

- Industry-based competency certification
- Likelihood of industry-based competency assessment success
- Readiness for continued engagement in CTE Concentrator program of study

Alternative Assessment

1 Artifact

- Attainment of one alternative assessment score or better: ACT (21), ASVAB AFQT (31), PSAT/NMSQT (970), or SAT (1010)
- Attainment of Gold Level or better on ACT WorkKeys
- Attainment of 3 or better on AP Exam(s) related to each Keystone content area in which less than Proficient
- Attainment of 4 or better on IB Exam(s) related to each Keystone content area in which less than Proficient
- Successful completion of concurrent enrollment course(s) related to each Keystone content area in which less than Proficient
- Successful completion of a pre-apprenticeship program
- Acceptance into accredited, non-profit Institution of Higher Education (IHE) 4yr program for college-level coursework

Evidence-Based

3 Artifacts consistent w/student goals

ONE or more from Section One
No more than TWO from Section Two

Section 1

- Attainment of 630 or better on any SAT Subject Test
- Attainment of Silver Level or better on ACT WorkKeys
- Attainment of 3 or better on any AP Exam
- Attainment of 3 or better on any IB Exam
- Successful completion of any concurrent enrollment or postsecondary course
- Industry-recognized credentialization
- Acceptance into accredited, non-profit Institution of Higher Education (IHE) for college-level coursework in an other-than-4yr program

Section 2

- Attainment of Proficient or Advanced on any Keystone Exam
- Successful completion of a service-learning project
- Letter guaranteeing full-time employment or military enlistment
- Completion of an internship, externship, or cooperative education program
- Compliance with NCAA Division II academic requirements

High School Planning

It is imperative for students to enroll in the most academically challenging classes as possible that align to their future plan. Post Secondary institutions evaluate student qualifications for admission based on their performance in the classes that they complete. All types of post secondary institutions weigh different categories depending on what they are looking for in a student. Some of the below information will help our students make the best informed decision they can for their future.

Key Terms and Academic Levels

Elective Course
Electives are courses that students choose to study. In most cases elective courses cannot be taken in place of required courses. They are selected to satisfy total course requirements for graduation in addition to the required courses. Any elective must meet enrollment requirements in order to be scheduled.

NCAA Requirements
The NCAA Initial-Eligibility Clearinghouse must declare student athletes wishing to participate and be eligible for athletic scholarship/participation at the Division I and II levels during senior year. It is imperative that the student and/or parent notify the guidance counselor that he/she is applying to the Initial-Eligibility Clearinghouse so that the appropriate scheduling can be maintained. Registration is required during the student's junior year.

Prerequisite
A prerequisite is a course or requirement that a student must complete in order to qualify for entry into another course (example: Before students can study geometry, they must have successfully completed Algebra I. Therefore, Algebra I is a prerequisite for Geometry). The Prerequisite may also be part of a requirement.

Advanced Placement (AP)
This level is intended for academically talented students whose abilities, interests and demonstrated levels of performance illustrate that they can successfully complete difficult, college-level work in high school. Students may earn college credit or advanced standing at
many colleges by earning high scores on the Advanced Placement Tests. The tests are prepared by Educational Testing Services (ETS) and are administered at Sun Valley in May, fee applies.

Honors (H)
This level is for high-achieving students who excel academically and have demonstrated an ability to express themselves effectively via various mediums. The designation of (H) in the course book describes those courses in which the expected standards of performance are very high. Students use enrichment materials, engage in research, and complete other activities reserved for those with advanced academic skills.

Dual Enrollment
Dual enrollment, also referred to as dual credit, allows current high school students to take college-level classes. If the student passes the class, it will count for both high school and college credit. Only approved courses with a post secondary institution within a memorandum of understanding with the School District are eligible. See more below on credit attainment. Opportunities include: College in the High School (CHS), Pathway Programs, and select courses either asynchronously or in-person, with approved colleges/universities.

Alternative Credit
SVHS students may obtain original credit through alternate approved means. All alternative means must be pre-approved by the principal and meet all SVHS policies and procedures.

Credit Attainment for Grade Promotion

A students' grade level is determined by the credits the student earns. Participation in class activities is determined by the number of credits earned.

Freshman- 9th Grade	Successfully Complete Middle School
Sophomore- 10th Grade	5 credits earned
Junior- 11th Grade	11 credits earned
Senior- 12th Grade	16 credits earned
Graduation	23 credits earned meeting all PA requirements including Act 158

Credit Attainment- Grading Practices

Report cards are available every nine weeks and include a mid-semester grade in February and a final grade in June. Grades are reported numerically. The following number grade ranges are listed with their letter grade equivalent.

Final grades for semester courses are determined by averaging all marking period grades and counting the midterm exam as 10% and the final exam grade as 10% for the course. Full year courses are an average of four marking periods plus the final exams.

Grade	Range	AP	Honors	On- Level
A+	97.5-100	5	4.5	4
A	92.5-97.49	5	4.5	4
A-	89.5-92.49	4.7	4.2	3.7

Grade	Range	AP	Honors	On- Level
B+	87.5-89.49	4.3	3.8	3.3
B	82.5-87.49	4	3.5	3
B-	79.5-82.49	3.7	3.2	2.7
C+	77.5-79.49	3.3	2.8	2.3
C	72.5-77.49	3	2.5	2
C-	69.5-72.49	2.7	2.2	1.7
D+	67.5-69.49	2.3	1.8	1.3
D	62.5-67.49	2	1.5	1
D-	59.5-62.49	1.7	1.2	.7
F	0-59.49	0	0	0

Credit Attainment - Dual Enrollment

In partnership with Delaware County Community College, West Chester University & University of Delaware, Sun Valley High School offers juniors and seniors the opportunity to concurrently enroll in a college level course at reduced cost. Students participating in PDSD approved dual enrollment courses simultaneously receive high school credit at AP weight and college credit.

The partnering dual enrollment college establishes admittance and other criteria for participation. Students will be responsible for tuition, fees, and course materials. More information is available from the High School Counseling Department.

Students need to request a final transcript from the dual enrollment college/university upon completion of the coursework. Each college/university has policies for accepting credits from other institutions. Students should investigate the feasibility of credit transfers from the partnering dual enrollment college/university to the students' post-high school college/university of choice. Not all colleges/universities will honor transfer of credits.

See the PDSD approved Delaware County Community College, West Chester University and University of Delaware courses and programs later in this catalog.

Credit Attainment- Alternative Credit

SVHS students may obtain original credit through alternate approved means. All alternative means must be pre-approved by the principal. Students may not take courses designated in this program of study as Keystone courses through alternate credit.

Requirements: A minimum of 17 credits towards graduation must come from traditional means of credit acquisition. Additional requirements may be added as additional alternative credit options are approved.

Course Selection Process

Course selection is one of the most important aspects of a high school student's educational career. As students make their academic plans for the next and subsequent years they should take the following into consideration:

- Discuss their plans with their parents, teachers, and counselor.
- Ensure the plans align with their goals.
- Read all course descriptions, including prerequisites and special requirements.
- Choose courses that strengthen your academic resume as much as possible.
- Take into consideration your goals, talents, skills, interests, past experiences and recommendations from others.

Scheduling Timeline

The master schedule is built in the spring into the summer months. Although every attempt will be made to honor student course requests it may not be possible to schedule students for all their first choice and alternates.

Draft Schedules- Draft schedules will be provided in May for student review and schedule change requests. Please note that not all student requests are able to be honored and are limited based on availability. All course change requests must be approved by administration through a google form.

Final Schedules- Final schedules are provided in August and can not be changed unless meeting a specific requirement listed below under course changes.

Course Recommendations

Students should maintain an A in the on-level course to be recommended for honor's the next year. Students currently in honor's need to maintain an A or B to remain in honors. Students may complete a level override form if they disagree with the teacher's recommendation. Level override forms are available in the Counseling office.

Course Changes

Careful attention to course selections is absolutely essential. Students will be able to access their draft schedules in May and their final schedules in August. Students will need to complete a Course Change form to make any course changes. Courses will only be approved provided another course is offered at the same time as the course to be dropped. No requests will be processed without a completed Course Change form. Once the change is processed, the School Counselor will notify the student in writing.

Students who requested a class by completing an Override Form are required to remain in the class for the duration of the school year. Override form requests are final once approved by administration.

Any withdrawal from a course beyond the drop/add period will result in a ‘W’ or ‘WF’ grade to be placed on the transcript. A student who is passing a class, but is choosing to withdraw from the class with parent approval will receive a “W” on their transcript to indicate the withdrawal. A ‘W’ will not be calculated against a student’s GPA. A student who is failing a class and choosing to withdraw from the class with parent approval will receive a ‘WF’ to be calculated in the student’s GPA as an ‘F’ and no credit will be awarded.
Changes are only able to be made with administrative approval and are overall subject to availability/ requirements. Once these schedules are made available the only changes that will be considered are below.

- A student’s schedule is incorrect due to:
    - Computer data error
    - An unbalanced schedule
- To meet the requirements of a special program:
    - Learning Support
    - English Language Learners Program (ELL)
    - Career and Tech
    - Keystone need
- To meet graduation requirements in a senior year

Honors and Advanced Placement Expectations

These courses are designed for students seeking higher level academic challenges and are substantially more rigorous than other courses. The expectation for these course loads is that students are expected to manage an increased load of independent work and learn at an accelerated pace.

Acceleration Procedures

Students who have been recommended to move ahead in a subject area may have the opportunity to participate in Summer Enrichment. Students may choose to pay for an online class from an accredited school or do an independent study of the material, which must be pre-approved by administration. These options must be approved in advance. Students' grades will be evaluated by administration at the end of the course to determine level placement in the following academic year. Enrichment courses are not placed on the student’s transcript and will not be used in the computation of rank or GPA. Students do not earn credit for enrichment courses.

COURSE SELECTION TIMELINE

Jan

Core Recommendations
- Teachers recommend students into core class sections

8th Grade Tour & Information
- Students & Families are informed of options at SVHS

Feb

Final Recommendations
- MP2 Ends and recommendations are due

In Class Counselor Presentations
- Students review course catalog
- Course selection opens

Mar

All Student Requests Due
- Final selections due in Skyward

Apr

Schedule Building
- Admin begins drafting all student schedules

May

Schedules Provided for Review
- Schedules complete and provided to students for review

Jun

Schedule Change Requests
- Change requests & level override forms reviewed by admin

Jul

Summer School
- Achievement during summer school may impact course schedule

Aug

Final Schedules Released
- Schedules complete and provided to students for review for errors

Sep

Final Schedule Error Reconciliation
- Schedule errors rectified based on student status

Oct

Course Offering Reviews
- Course catalog reviewed by leadership & admin recommendations prepared

Nov

Course Catalog Change Requests Due
- New course proposals and modifications due for admin & SB review

Dec

DIVISION I ACADEMIC REQUIREMENTS

To study and compete at a **Division I school**, you must earn 16 NCAA-approved **core-course credits**, earn a corresponding test score* that matches your **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

CORE-COURSE REQUIREMENTS

Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or nondoctrinal religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

QUALIFIER

As a Division I qualifier, you may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division I school.

- Earn 16 NCAA-approved core-course credits in the right areas.
  - Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester.
  - Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade.
- Earn a corresponding test score that matches your **core-course GPA** (minimum 2.3) on the **Division I Sliding Scale**.*
- Submit your final transcript with proof of graduation to the Eligibility Center.

ACADEMIC REDSHIRT

As a Division I academic redshirt, you may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may NOT compete during your first year of enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

- Earn 16 NCAA-approved core-course credits in the right areas.
- Earn a corresponding test score that matches your core-course GPA (minimum 2.0) on the Division I sliding scale.*
- Submit your final transcript with proof of graduation to the Eligibility Center.

** More information regarding the impact of COVID-19 and test scores can be found at* **on.ncaa.com/COVID19_Spring2023**.

TEST SCORES

Every time you register for the **SAT** or **ACT**, use code **9999** to send your scores directly to the Eligibility Center from the testing agency. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscore from each test is used to give you the best possible score.

** More information regarding the impact of COVID-19 and test scores can be found at* **on.ncaa.com/COVID19_Spring2023**.

CORE-COURSE LIST

Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist**. No core-course list means courses taken from that high school will not count for NCAA eligibility. If your high school does not have a list, you risk being ineligible to play in college.

NONTRADITIONAL AND ONLINE COURSES

Nontraditional courses are taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on **your school/program's list** of NCAA-approved core courses.

BE AHEAD OF THE GAME

» Plan to register with the NCAA Eligibility Center at **eligibilitycenter.org** before your freshman year of high school. Visit **on.ncaa.com/RegChecklist** to help guide you through the registration process.

» After six semesters of high school, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.

ADDITIONAL RESOURCES

» **DII Academic Requirements flyer**.

» **DIII Amateurism flyer**.

» **International Initial-Eligibility flyer**.

DIVISION I
QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.550	400	37
3.525	410	38
3.500	430	39
3.475	440	40
3.450	460	41
3.425	470	41
3.400	490	42
3.375	500	42
3.350	520	43
3.325	530	44
3.300	550	44
3.275	560	45
3.250	580	46
3.225	590	46
3.200	600	47
3.175	620	47
3.150	630	48
3.125	650	49
3.100	660	49
3.075	680	50
3.050	690	50
3.025	710	51
3.000	720	52
2.975	730	52
2.950	740	53
2.925	750	53
2.900	750	54
2.875	760	55
2.850	770	56
2.825	780	56
2.800	790	57
2.775	800	58

Core GPA	SAT*	ACT Sum*
2.750	810	59
2.725	820	60
2.700	830	61
2.675	840	61
2.650	850	62
2.625	860	63
2.600	860	64
2.575	870	65
2.550	880	66
2.525	890	67
2.500	900	68
2.475	910	69
2.450	920	70
2.425	930	70
2.400	940	71
2.375	950	72
2.350	960	73
2.325	970	74
2.300	980	75
2.299	990	76
2.275	990	76
2.250	1000	77
2.225	1010	78
2.200	1020	79
2.175	1030	80
2.150	1040	81
2.125	1050	82
2.100	1060	83
2.075	1070	84
2.050	1080	85
2.025	1090	86
2.000	1100	86

ACADEMIC REDSHIRT

Want more information? Visit ncaa.org/playcollegesports.

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec): 877-262-1492

Monday-Friday, 9 a.m. to 5 p.m. Eastern time

@ncaaec @playcollegesports @ncaaec

NCAA Eligibility Center

DIVISION II ACADEMIC REQUIREMENTS

CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division II school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale.
- Submit proof of graduation to the Eligibility Center.

PARTIAL QUALIFIER

College-bound student-athletes that do not meet Division II full qualifier standards will be deemed a partial qualifier. All Division II partial qualifiers may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

INTERNATIONAL STUDENTS

Please review the **international initial-eligibility flyer** for information and academic requirements specific to international student-athletes.

For information on Division I, view the **Division I academic requirements flyer**.

TEST SCORES

If a student-athlete plans to attend an NCAA Division II college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division II full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Fall2022.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

CORE-COURSE LIST

Student-athletes should check to see if their high school has a list of NCAA-approved core courses. No core-course list means courses taken from that high school will not count toward NCAA eligibility.

ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's list of NCAA-approved core courses.

BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the NCAA Eligibility Center during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

For more information on Division II, visit ncaa.org/D2.

DIVISION II
FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.300 & above	400	37
3.275	410	38
3.250	430	39
3.225	440	40
3.200	460	41
3.175	470	41
3.150	490	42
3.125	500	42
3.100	520	43
3.075	530	44
3.050	550	44
3.025	560	45
3.000	580	46
2.975	590	46
2.950	600	47
2.925	620	47
2.900	630	48
2.875	650	49
2.850	660	49
2.825	680	50
2.800	690	50
2.775	710	51
2.750	720	52

Core GPA	SAT*	ACT Sum*
2.725	730	52
2.700	740	53
2.675	750	53
2.650	750	54
2.625	760	55
2.600	770	56
2.575	780	56
2.550	790	57
2.525	800	58
2.500	810	59
2.475	820	60
2.450	830	61
2.425	840	61
2.400	850	62
2.375	860	63
2.350	860	64
2.325	870	65
2.300	880	66
2.275	890	67
2.250	900	68
2.225	910	69
2.200	920	70 & above

*Full sliding scale research between the SAT and ACT is ongoing.

NCAA Division II

MAKE IT YOURS

Want more information? Visit ncaa.org/playcollegesports.

Follow us: @ncaaec @playcollegesports @ncaaec

May 2021

Core Course Sequences

SVHS Grade 9 Course Selection Worksheet

SVHS Grade 10 Course Selection Worksheet

SVHS Grade 11 Course Selection Worksheet

SVHS Grade 12 Course Selection Worksheet

AP Courses

Advanced Placement courses are developed by a committee composed of college faculty and AP teachers. Each course covers a breadth of information, skills, and assignments found in a corresponding college course. Students have the ability to earn college credit (see more info below on requirements for performance) and additional weighting for their High School GPA while earning SVHS credits.

Students who should consider AP include those who:

- Show capacity as evidenced by the AP potential report
- Have earned an A or B in prerequisite course
- Have been encouraged by a teacher to take an AP course
- Have a strong mindset of persistence to meet the expectations of a rigorous course
- Are committed to completed additional required summer assignments

Students should meet the following general criteria to be enrolled in the Advanced Placement courses at Sun Valley High School:

- Recommendation of previous year teacher and / or counselor
- Approval of parent
- Student should not have more than 10% (or 10 days absent) absences during the 2024-2025 school year, unless accompanied by doctor's notes
- If a student does not have recommended prerequisite courses a course override form needs to be completed with a recommendation from the current AP teacher and approved by Admin.

Based on each individual college and/or university's policies, students may receive college credits based on their performance on the culminating AP exam. Students should investigate these policies for each college / university they are interested in to ensure they are aware if their target schools honor AP scores and what their requirements are.

There is a fee for each AP exam. The 2024-25 cost for an AP exam is $100 per exam. Students who register after the due date incur an additional $40 late penalty and students who cancel their exam after the deadline will have $40 dollars deducted from their refund.

AP Studio Art
AP Biology
AP English Language and Composition
AP Computer Science Principles
AP African American Studies
AP Government & Politics
AP Macroeconomics
AP Chemistry
AP Statistics
AP Pre Calculus
AP US History
AP Calculus BC
AP Environmental Science
AP Physics
AP Psychology
AP Calculus AB
AP World History
AP Statistics

Dual Enrollment

West Chester University Dual Enrollment Courses

Requirements for West Chester Dual Enrollment Courses:

- Complete SVHS interest google form.
- Students must have successfully completed all courses attempted at SVHS High School (No F's, WF's, or I's on transcripts)
- Completion of College applications and requirements within their deadlines.
- Minimum 3.0 SVHS GPA
- Ability to pay for courses enrolled in.
- Ability to provide your own transportation.
- Students will need to follow the WCU calendar, even on days that SVHS is off.
- Students will be responsible for tracking their own grades, through their Delegate account. Parents and SVHS staff will not have access to the students' grades.
- Students and parents acknowledge that these courses will count toward graduation requirements and graduation credits. If a student fails a WCU course/courses, they may be removed from the program and assigned classes at SVHS. In addition, students will be required to complete a remediation through summer school or other means to make up the loss credits.
- Students with an IEP or 504 Plan will need to schedule a meeting with the office of disabilities at the start of each semester to ensure their accommodations are shared.

FALL 2025

First Day of Classes: August 25
Last Day of Classes (prior to Finals Week): December 8

Asynchronous Online Course
MAT 121: Introduction to Statistics I. 3 Credits.
Introduction to statistics and statistical inference. Concepts include descriptive statistics, sampling distributions, confidence intervals, hypothesis testing, along with a formal introduction to linear regression and categorical data analysis. Statistical software including, but not limited to SPSS and Excel, will be used to facilitate the understanding of important statistical ideas and for the implementation of data analysis in many areas of application.

In-Person at WCU's Graduate Center
ANT 102: Introduction to Cultural Anthropology. 3 Credits.
TuTh 1:05-2:20 p.m.
This course introduces students to the fundamental concepts and methods in cultural anthropology--the study of humanity in all of its diversity. Focusing on how culture makes us think and act, organize ourselves, and understand the surrounding world the way we do, the course explores social and cultural diversity through a

range of topics including race and ethnicity, sex and gender, kinship and families, religion, economic and political organization, and globalization. Gen Ed Attribute: Behavioral and Social Science Distributive.

SPRING 2026

First Day of Classes: January 20
Last Day of Classes (prior to Finals Week): May 4

Asynchronous Online Courses

LIT 165. Topics in Literature. 3 Credits.
A course designed to develop awareness of literature as being central to all the arts, to increase levels of literacy and critical faculties, and to broaden understanding of the human condition. Gen Ed Attribute: Humanities Distributive Requirement, Writing Emphasis.

NTD 200. Nutrition and Culture. 3 Credits.
Students will increase awareness of the connection between health outcomes, diet and nutrition, and socio-cultural influences. Course studies will lay a foundation for understanding why people eat the foods that they do. A bio-cultural framework is applied to examine how individual dietary habits, choices, and nutritional health outcomes are influenced by social structure, historic patterns and events, and cultural beliefs and ideology. Students explore food ways, food scripts, health beliefs and practices, demographic characteristics, and population health across diverse communities within the United States. The course also employs a critical analysis of macro-structural inequalities, societal stresses, and cultural norms that alter access and availability to healthy foods and disparately undermine the nutritional health of some populations. Gen Ed Attribute: Diversity Requirement.

SOC 100. Introduction to Sociology. 3 Credits.
This course introduces students to the sociological study of society. Sociology focuses on the systematic understanding of social interaction, social organization, social institutions, and social change. Gen Ed Attribute: Behavioral and Social Science Distributive.

DCCC Academic Pathway Programs

These pathways allow high school juniors and/or seniors the opportunity to take college courses through our current partners. These courses are non-remedial college courses. Dual enrollment courses will appear on a SVHS transcript and have a credit value of 1.0 and a weighted course level of 3. If you wish to have the class removed from the transcript a written request must be submitted to the principal.

Students are responsible for their collegiate requirements and course fees for these designated courses. Students may qualify for tuition assistance through PDSD based on Free/Reduced Lunch status for the Fall or Spring courses only. Students must meet with their counselor, complete a dual enrollment application and receive administrative approval prior to enrollment in the course.

Requirements for DCCC Dual Enrollment Courses

- 2.5 GPA or above.
- Complete SVHS interest google form.
- Students must have successfully completed all courses attempted at SVHS High School (No F's, WF's, or I's on transcripts)
- Completion of College applications and requirements within their deadlines.
- Minimum placement test scores met.
- Ability to pay for courses enrolled in.
- Ability to provide your own transportation.
- Students will need to follow the DCCC calendar, even on days that SVHS is off.
- Students will be responsible for tracking their own grades, through their Delegate account. Parents and SVHS staff will not have access to the students' grades.
- Students and parents acknowledge that these courses will count toward graduation requirements and graduation credits. If a student fails a DCCC course/courses, they may be removed from the program and assigned classes at SVHS. In addition, students will be required to complete a remediation through summer school or other means to make up the loss credits.
- Students with an IEP or 504 Plan will need to schedule a meeting with the office of disabilities at the start of each semester to ensure their accommodations are shared.

*Note: The below course days/times are from the 24-25 SY and are subject to change for 25-26

Delaware County Community College

Sun Valley High School Business Pathway- 2 year program

Fall 2025				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
PSY 130 "Personal & Career Development"	MWF	12:20 – 1:15	3	6
CS 100 "Intro to Information Technology"	TR	12:10 – 1:35	3	

Spring 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
BUS 100 "Intro to Business"	MWF	12:20 – 1:15	3	6
ECO 210 "Macroeconomic Principles"	TR	12:10 – 1:35	3	
Total Credits Earned in 2024-2025: 12				

Fall 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
BUS 210 "Principles of Management"	MWF	8:00 – 8:55	3	6
BUS 230 "Principles of Marketing"	TR	8:00 – 9:25	3	

Spring 2027				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
BUS 243 "Legal Environment of Business"	MWF	8:00 – 8:55	3	6
BUS 130 "Business Communication"	TR	8:00 – 9:25	3	
Total Credits Earned in 2025-2026: 12				

Total Credits Earned: 24

*Please note class start and end times may vary from semester to semester.
#Program curriculum is subject to change.

Course Descriptions

PSY 130 Personal and Career Development
This course examines the theoretical and empirical issues related to personal growth and career development. The purpose of this course is to increase self-awareness, understand the career development process, and practice the ability to effect personal change. Emphasis is on self-awareness, personal growth, and career exploration that is examined theoretically and applied to the self and others in a diverse society. Content includes identity development, self-assessment, social influence, self-esteem, mindfulness, career development, and behavior change. *Corequisites: (ENG 050 and REA 050) or ENG 099 or REA 075.*

CS 100 Introduction to Information Technology
This course is designed to provide an introduction to Information Technology (IT) concepts and applications, and the impact of IT on individuals, organizations, and society. Core content includes computer hardware and software, digital communications, the Internet, databases, networking, programming, computer security, ethics in IT, and current and emerging digital technologies. *Prerequisites: REA 050 or ENG 099 or REA 075. Appropriate placement test scores may be accepted.*

BUS 100 Introduction to Business
This course introduces business and non-business majors to the business world. Emphasis is on terminology used in business. Students explore careers in business along with the events and economic conditions that affect business. Among the topics studied are the Business in a global environment, the various forms of business, the social responsibility of business and the functions of accounting, marketing, management, and human resource management. The role of technology in business is also explored.
Prerequisites: ((ENG 050 and REA 050) or ENG 099 or REA 075) and (MAT 040 or MAT 050). Appropriate placement test scores may be accepted.

ECO 210 Macroeconomic Principles
This course is designed to help beginning economics students comprehend the principles essential for understanding the basic economizing problem and specific economic issues, such as, unemployment, inflation and the process by which prices, in competitive markets, are determined. Students will also study key aspects of International Economics, it's importance and impact on the domestic economy. This course will also assist students to understand and reason accurately and objectively about economic matters.

BUS 210 Principles of Management
This course presents students with an application of management theory to management practice. The course examines the characteristics and interconnectedness of effective planning, organizing, leading, and controlling across an organization. Students explore the skills, traits, behaviors, and practices of effective managers and leaders in the context of a business environment that is uncertain and constantly changing.
Prerequisites: BUS 100.

BUS 230 Principles of Marketing
This is a survey course designed to introduce students to the total marketing process. The nature and scope of marketing as it relates to managing profitable business in today's society will be examined. Study will include the various factors affecting this process such as product, price, promotion, place (distribution), the environment, international marketing, and consumerism. *Prerequisites: BUS 100.*

BUS 243 Legal Environment of Business
This course examines the contemporary legal environment as it relates to business. Among the topics covered are the origins of law and the legal system; ethics and social responsibility of business; contracts and non-contractual injury; agency relationships; governmental regulations of trusts, securities, employment and the environment; the Uniform Commercial Code; and international law affecting business.
Prerequisites: BUS 100 and ENG 100.

BUS 130 Business Communication
This course focuses on developing oral and written communication skills in the context of the contemporary business environment. Students apply skills in planning, composing, and revising a variety of messages delivered orally and through writing. In addition, students develop the competencies necessary to communicate effectively in a variety of professional situations that involve speaking, listening, and writing.
Prerequisites: ENG 100 and DPR 100.

Delaware County Community College
Sun Valley High School Teacher Pathway 1 Year & 2 Year Program

Fall 2025				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
ECE 100 "Principles of Early Childhood Education" (Grades Pre-K-8) (WCU: ECE 100)	MWF	8:00 – 8:55	3	9
PSY 140 "General Psychology" (WCU: PSY 100)	MWF	9:05 – 10:00	3	
ENG 100 "English Composition I" (WCU: WRT 120)	TR	8:00 – 9:25	3	

Spring 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
EDU 208 "English Language Learners" (WCU: LAN 382)	MWF	8:00 – 8:55	3	9
HIS 110 "American History I" (WCU: HIS 151)	MWF	9:05 – 10:00	3	
ENG 112 "Writing About Literature" (WCU: WRT 200)	TR	8:00 – 9:25	3	
Total Credits Earned: 18				

Fall 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
EDU 220 "Intro to Special Ed" (WCU: EDA 103)	MWF	8:00 – 8:55	3	10
MAT 125 "Math for Teachers of Children I" (WCU: MAT 101)	MWF	9:05 – 10:00	3	
ESS 100 "Earth Science" (WCU: ESS 101)	TR	8:30 – 11:00	4	

Spring 2027				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
EDU 215 "Primary Grade Lab and Seminar" (WCU: EGP 220)	W	8:00 – 9:25	4	10
ENG 250 "Children's Literature" (WCU: LIT 219) or Humanities Elective	TR	8:00 – 9:25	3	
MAT 126 "Math for Teachers of Children II" (WCU: MAT 102)	TR	9:35 – 11:00	3	
EDU 215 "Field Work Requirement" (see above)	TBD by HS	Total of 63 hours	Credits Earned in EDU 215.	
Total Credits Earned: 20				

Course Descriptions

ECE 100 - Principles of Early Childhood Education
This course examines the historical and philosophical background of early childhood education as well as the regulations that govern early childhood education in both the public and private sector. The impacts of social, economic and culture diversity on early learning will be explored as well as professional ethics and working effectively with parents. Students will also be able to explore career goals and develop a career plan. Corequisites: (ENG 050 and REA 050) or ENG 099 or REA 075.

PSY 140 - General Psychology
This course is a one-semester introduction to the basic principles and major theoretical approaches that are used to explain human behavior, with emphasis on understanding and application of such principles and theories as they relate to ourselves and our surroundings. Prerequisites: (ENG 050 and REA 050) or ENG 099 or REA 075. Appropriate placement test scores may be accepted.

ENG 100 - English Composition I
This course reviews the principles of composition, including rhetoric, grammar and usage. It emphasizes critical thinking, the recursive nature of writing, the writing of analytical essays, and the application of information literacy skills. Prerequisites: (ENG 050 and REA 050) or ENG 099* or REA 075. Appropriate placement test scores may be accepted. *Courses marked with a star may be taken concurrently.

EDU 208 - English Language Learners
This course focuses on the development of foundational knowledge for teacher education students to assist English language learners successfully in their future classrooms. Students will gain a basic understanding of the processes of second language acquisition and an understanding of the influence of culture on the educational process as viewed from current theoretical and pedagogical perspectives. The course content follows Pennsylvania Department of Education's guidelines for pre-service teachers for meeting the instructional needs of English Language Learners. The basic premise of the course is that teachers play an important role in creating a positive classroom learning environment and bringing school success, especially for English language learners. Students will be supported to develop essential dispositions, skills, and knowledge to fulfill this important role while exploring the issues of culture, language, learning contexts, instruction and professionalism. Students will study these five major courses topics through courses readings, class discussions and cultural explorations of our own and others' cultures while engaging in individual, social, and experiential learning opportunities together. Recommended: Students should be able to read and understand the textbook and have competent writing and organizational skills to allow them to complete assignments. Students should be able to use the internet for research. Prerequisites: ECE 130 or EDU 110.

HIS 110 - American History I
An inquiry into the history of the United States from the introduction of African and European peoples into the existing populations of the Americas through the period of the Civil War. Includes the cultural origins and initial interactions of African, European and Native American peoples in the Western Hemisphere and the initial phases of a global economy, British Colonization and the establishment of diverse cultures in North America, the Period of the American Revolution, Confederation and Constitution, the establishment of unique political, social and economic structures in the early Republic, cultural and political conflict between Free and Slave States, and the Civil War and Reconstruction. Prerequisites: (ENG 050 and REA 050) or ENG 099* or REA 075. Appropriate placement test scores may be accepted. *Courses marked with a star may be taken concurrently.

ENG 112 - English Composition II: Writing About Literature
ENG 112 is a writing course emphasizing both literature and information literacy skills that reinforce basic principles of composition learned in ENG 100. The course develops critical thinking through the study of

literature and the use of advanced research techniques to write analytical/critical and research essays. NOTE: Prerequisite ENG 100 requires grade of 'C' or better. Prerequisites: ENG 100.

EDU 220 - Introduction to Inclusive Education K-12
This course will provide an introduction to the field of special education, major provisions of special education law, and the legal mandates of the teacher serving children with disabilities in the least restrictive setting. It will also review the major needs of students with disabilities, including the effects of family demographics. Emphasis will be placed on working within special education team structures, recognizing inclusive practices, and discussing the various roles of professionals. Recommended: Students should be able to read and understand the textbook and have competent writing and organizational skills to allow them to complete assignments. Students should be able to use the internet for research. In addition, students must obtain the standard criminal background checks that are required for those who work in school settings. These include a fingerprint check, a Criminal Background Check (ACT 34) and Child Abuse History Clearance (ACT 151) prior to beginning the course. Background check forms are available on-line. Prerequisites: ENG 112 and PSY 140.

MAT 125 - Mathematics for Teachers of Children I
This course emphasizes both the clear understanding of mathematical ideas and especially the ability to communicate these ideas to elementary school children. Using various mathematical models this course covers the following topics: sets, whole numbers, numeration, estimation, number theory, fractions, decimals, integers and proportion. This course is designed primarily for students pursuing Early Childhood Education (Pre-K-4th grade) or Middle grades (4-8th grade) teacher certification but may be elected by other education majors. Prerequisites: MAT 050 or MAT 060. Appropriate placement test scores may be accepted.

ESS 100 - Earth Science
This course is a general survey of geology, meteorology, oceanography, and astronomy in the context of natural hazards and disasters. There is an emphasis on understanding, predicting, avoiding, and preventing these disasters. The course is intended for non-science majors interested in the earth sciences and how they relate to human activity. Prerequisites: (ENG 050 and REA 050) or ENG 099 or REA 075. Appropriate placement test scores may be accepted.

EDU 215 - Primary Grade Lab and Seminar
This course will provide an orientation to various aspects of teaching in K-4 schools. Topics will include observation and use of assessment strategies and tools, planning developmentally and culturally appropriate curriculum, planning, effective instruction, classroom management strategies, discipline, and creating a responsive and engaging classroom environment the structure of the school. Field experiences will be related to course topics. Students will complete 60 hours of observation in the field. NOTE: Students must possess all background clearances including FBI Fingerprint, Pa Criminal, and Pa Child Abuse. In addition, students must have a certificate of completion for the Recognizing and Reporting Child Abuse: Mandated and Permissive Reporting in Pennsylvania Online Training. Schools will require clearances prior to be the field placement. Additional fees are required. NOTE: Prerequisite: ENG 110 with grade of 'C' or higher. Prerequisites: ENG 100 and (EDU 110 or ECE 130).

ENG 250 - Children's Literature
This course is a critical and analytical study of a variety of texts that represent the many genres of children's literature. It will emphasize how children are influenced by literature and how children's literature reflects the values of the particular culture that produces it. Prerequisites: ENG 112.

MAT 126 - Mathematics for Teachers of Children II
As a continuation of Mathematics for Teachers I, this course is designed primarily for students pursuing Early Childhood Education (Pre-K - 4th grade) or Middle grades (4-8th grade) teacher certification but may be

elected by other education majors. The course emphasizes both the clear understanding of mathematical ideas and the ability to communicate these ideas to elementary school children. Topics include data analysis, probability, measurement and geometry in two and three dimensions. Prerequisites: MAT 125.

Delaware County Community College
Sun Valley High School Pre-Nursing Pathway 2 year program

Enrollment in this Pathway may be limited!

Fall 2025				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
PSY 140* "General Psychology"	MWF	12:20 – 1:15	3	6
ENG 100* "English Composition I"	TR	12:10 – 1:35	3	

Spring 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
PSY 210 "Lifespan Human Development"	MWF	12:20 – 1:15	3	6
MAT 121* "Introduction to Probability and Statistics"	TR	12:10 – 1:35	3	
Total Credits Earned in 2023-2024: 12				

Fall 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
BIO 150* "Human Anatomy and Physiology I"	M (lab) WF (class)	8:00 – 10:00 8:00 – 9:25	4	5
NUS 102* "Nursing Mathematics: Dosage Calculation & Drug Preparation"	T	8:00 – 8:55	1	

Spring 2027				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
COMM 111 "Public Speaking"	MWF	8:00 – 8:55	3	6
SOC 110 "Introduction to Sociology"	TR	9:35 – 11:00	3	
Total Credits Earned in 2024-2025: 11				

Total Credits Earned: 23

Course Descriptions

PSY 140 General Psychology
This course is a one-semester introduction to the basic principles and major theoretical approaches that are used to explain human behavior, with emphasis on understanding and application of such principles and theories as they relate to ourselves and our surroundings.

ENG 100 English Composition I
This course reviews the principles of composition, including rhetoric, grammar and usage. It emphasizes critical thinking, the recursive nature of writing, the writing of analytical essays, and the application of information literacy skills.

PSY 210 Lifespan Human Development
This course investigates how and why people of diverse backgrounds change over time. It surveys theories, research and controversies of human development from conception to death. It analyzes the physical, cognitive and psycho-social development in ecological contexts from multidisciplinary perspectives. Emphasis is on how to promote well-being and growth, and to overcome developmental challenges throughout life span.

MAT 121 Introduction to Probability and Statistics
This course provides a solid introduction to probability theory and its applications as well as the visual and mathematical analysis of data and data distributions. This course is similar to Modern College Mathematics (MAT 120) in design and can be used as mathematics elective for students who are not science, engineering, or mathematics majors. It may be taken before Modern College Mathematics. It also serves as a prerequisite for MAT 210.

BIO 150 Human Anatomy and Physiology I
The first course in a two-semester sequence that covers the basic structure and function of the human body using a systems approach. Major topics covered include biological chemistry, cell biology, histology, integumentary system, skeletal system, muscular system, and nervous system. Laboratory work includes dissection, microscopy, models, and experimental demonstration of concepts covered in class. Dissection of preserved animal specimens is required. This course is designed primarily for students majoring in nursing or allied health fields. NOTE: BIO 110 (Introductory Biology I) is suggested, but not required, before enrolling in Human Anatomy & Physiology I.

NUS 102 Nursing Mathematics: Dosage Calculation and Drug Preparation
Nursing Mathematics covers adult drug preparation, dosage calculation, and intravenous fluids and medications administration. Measurement requirements, system conversions, oral and parenteral dosage calculations, and intravenous fluid flow rates are covered in detail. Nursing implications for drug administration are emphasized in every unit including a brief overview of drug label interpretation, and pediatric and geriatric dosage considerations.

COMM 111 Public Speaking
This course enables students to deliver a variety of presentations. Students are introduced to various methods of delivery, organizational patterns, and types of presentational aids. Emphasis is placed on preparing presentations for multiple audiences and occasions.

SOC 110 Introduction to Sociology
This course studies the factors that determine social organization, social injustice, behavior and change as they are considered in relation to the individual student's own life and society. Study is concentrated on social intervention, culture, social class, national and global inequality, institutions and socialization.

***NEW**
Delaware County Community College
Manufacturing Computer Numerical Control (CNC) Certificate
Dual Enrollment Structured Pathway Program

Fall 2025				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
MTT 108 "Mathematics for Occupational Technology"	MTWRF	TBD	3	7
MTT 110 "Print Layout and Measurement for Machining"	MTWRF	TBD	4	
Spring 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
MTT 111 "Introduction to Manufacturing"	MTWRF	TBD	3	9
MTT 112 "Lathe Operations I"	MTWRF	TBD	3	
TCC 111 "Technical Communications"	MTWRF	TBD	3	
Total Required Credits: 16				

Fall 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
MTT 124 "Milling Operations I"	MTWRF	TBD	3	9
MTT 122 "Lathe Operations II"	MTWRF	TBD	3	
MTT 210 "CNC Machine Tool Operations"	MTWRF	TBD	3	
Spring 2027				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
MTT 213 "Manufacturing Processes"	MTWRF	TBD	3	9
MTT 214 "Milling Operations II"	MTWRF	TBD	3	
MTT 220 "CNC Programming"	MTWRF	TBD	3	
Total Required Credits: 18				

Total Credits Earned: 34

Course Descriptions

MTT 108 - Mathematics for Occupational Technologies

This course is designed to provide the student with relevant theory and skills in solving practical,industrially based mathematical problems. Topics of instruction will include, but will not be limited to, calculating arithmetic expressions involving whole numbers, fractions, decimals, ratio, proportion, and percentages. The appropriate use of English/metric conversions, exponents, square roots, basic graph interpretation, and basic algebraic expression (formulas) manipulation will be presented. In addition, the solution of geometric figures will be addressed. An introduction to the use of trigonometry for the solution of right and oblique triangles will also be included. Lecture and lab required. Prerequisite: NONE - New students should complete Placement Testing prior to registration. Visiting students may submit college transcript.

MTT 110 - Print Layout and Measurement for Machining

This introductory course is designed to provide instruction in the theory and skills necessary to read conventional drawings commonly used in the machining industry. Instruction will be centered around object visualization and feature definition/recognition. Basic through intermediate difficulty multiview third angle (with lesser emphasis on first angle) projection, to include orthographic, isometric, sectional and auxiliary view drawings will be addressed. Piece-part feature terminology, tolerances, limits, fits, conventional dimensioning practices, surface finish and inspection issues will be stressed. Sketching, precision layout tools, measurement tools, and techniques of usage will be covered and utilized to demonstrate comprehension in print/part interpretation. Lecture and lab required. Prerequisites: MTT 108* or MAT 128* or MAT 151* or MAT 160*. *May be taken concurrently.

MTT 111 - Introduction to Manufacturing

This course provides an introduction to the field of manufacturing/machining. The course is designed to provide instruction in the commonalties of theory and skills associated with various branches of the manufacturing industry. An overview of departments, engineering design, job planning, process documents, manufacturing support team responsibilities, as well as production workforce member's duties and responsibilities will be discussed. Shop floor etiquette, workplace cleanliness, safety and health, common powered and non-powered hand tools will be covered. Machine tool operations involving cut-off and contour metal cutting saws, drilling machines, offhand grinding of High-Speed Steel (HSS) twist drills and lathe tools as well as surface grinding operations will be addressed. The application of measuring and layout tools will be combined with piece-part layout and inspection practices for part production. Materials, including cutting tools, and their properties will be introduced. Non-traditional machining processes, special purpose production machines, as well as hard and soft automation are among additional topics to be discussed. A rudimental introduction/familiarization with conventional lathes and milling machines will also be included. Lecture and lab required. Prerequisites: MTT 108 or MAT 128 or MAT 151 or MAT 160.

MTT 112 - Lathe Operations I

This course provides instruction in the terminology, design, setup, operation, and daily care of conventional metal working engine and related lathes. Theory and practical skill development exercises will focus on cutting tool preparations for completing external surface machining such as; straight turning, threading, chucking and tailstock operations. Accident prevention practices and procedures will be stressed throughout the course. Lecture and lab required. Prerequisites: MTT 108* and MTT 110* and MTT 111*. *May be taken concurrently.

TCC 111 - Technical Communications

This course presents instruction in microcomputer operations using integrated software packages. The principles of communication are stressed to provide students with the appropriate skills and knowledge to effectively manipulate and present information of a technical nature. Lecture and lab required. Prerequisites: Successful Placement Test Scores or (ENG 050 and REA 050) or ENG 099* or REA 075 (*may be taken concurrently).

MTT 124 - Milling Operations I
This course provides introductory instruction in the terminology, design, application, set-up, operation and daily care of conventional milling machines. Accident prevention practices will be stressed. Lecture and lab required. Prerequisites: MTT 108* and MTT 110* and MTT 111*. *May be taken concurrently.

MTT 122 - Lathe Operations II
This course is designed to provide supplemental theory and skills instruction in conventional lathe machining operations. Skill embellishment and expanded external, as well as internal surface piece-part machining operations and associated accident prevention practices and procedures will be stressed in this course. Concepts and mathematical calculations for part geometry determination, specific lathe (machining) requirements, and the use of digital readout units will be covered. Carbide/ceramic/diamond cutting tool material, insert, and tool holder identification and selection requirements for lathe work will be explained in detail. Process planning and Geometric Dimensioning and Tolerancing (GD&T) characteristics appropriate for lathe machining will also be addressed. Lecture and lab required. Prerequisite: MTT 112.

MTT 210 - CNC Machine Tool Operations
This course is designed to provide appropriately prepared conventional machine tool operators with an introduction to Computerized Numerical Control (CNC) machine tool set-up and operation. Theory will be practical in nature and relate directly to shop based applications. Lathe, and mill, operations will be stressed; however, the theory and concepts will be applicable to various CNC machine tools. Lecture and lab required. Prerequisite: MTT 122.

MTT 213 - Manufacturing Processes
This course is designed to provide broad spectrum, first exposure, technical instruction in the fundamental processes (other than material removal) used to produce manufactured goods. Various aspects of manufactures' responsibilities in providing producer and consumer goods, as well as services, will be covered. Generalized methods of conversion of materials into various forms and shapes via processes such as casting, extrusion, injection molding, welding, etc., will be the primary focus of this course. Principles, terminology, as well as practical applications will be stressed. In addition to rounding-out educational experiences for manufacturing/mechanical/drafting and design students, this course is also suited for providing novice engineers, supervisors, and managers with practical experiences in varied manufacturing processes. Lecture and lab required. Prerequisite: MTT 108 and MTT 110.

MTT 214 - Milling Operations II
This course is designed to provide theory and skill instruction supplemental to that introduced in Milling Operations I (MTT 124). Skill embellishment and expanded surface feature creation in the use of conventional metal working milling machines and attachments, along with associated accident prevention practices and procedures will be stressed. Concepts and mathematical calculations for machining of prismatic (cube-like) features and part geometry will be emphasized. Process planning, documentation and Geometric Dimensioning, and Tolerancing (GD&T) characteristics for milling work will be addressed. Cutters and insert (geometry and grade) selection, as well as cutting parameters, will be stressed. Lecture and lab required. Prerequisite: MTT 124.

MTT 220 - CNC Programming
This course is designed to provide the experienced Computerized Numerically Controlled (CNC) machine tool operator with instruction in manual part programming and advanced operations. Mathematical applications for definition of location, set-up, positioning and tool movement (absolute/incremental) within specific coordinate systems will be presented. Various aspects of intermediate to Advanced G and M code programming to include fixture offsets, thread milling, looping, macro, and sub program development/utilization/execution will be included. Criteria relevant to accident prevention practices and procedures, process planning, work-holding, tooling, machine set-up and operation, program proof-out, and quality control will also be addressed. Lecture

and lab required. Prerequisites: (MTT 108 or MAT 128) and MTT 110 and MTT 112 and MTT 122 and MTT 210 and TCC 111.

***NEW**
Delaware County Community College
Social and Human Service Assistant (SHSA)
Dual Enrollment Structured Pathway – One Year Option

Delaware County H.S. Grant

Fall 2025				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
SWO 101 "Introduction to Social Work"	MWF	8:00 – 8:55	3	9
ENG 100 "English Composition I"	MWF	9:05 – 10:00	3	
PSY 140 "Introduction to Psychology"	TR	8:00 – 9:25	3	

Spring 2026				
Course	**Day**	**Time**	**Credits Earned**	**Term Total**
CS 100 "Introduction to Information Technology"	MWF	8:00 – 8:55	3	9
COMM 111 "Public Speaking"	MWF	9:05 – 10:00	3	
SWO 210 "Human Behavior and the Social Environment"	TR	8:00 – 9:25	3	
Total Credits Earned in 2024-2025: 18				

Total Credits Earned: 18

Course Descriptions

SWO 101 Introduction to Social Work and Human Services
This is a one semester introduction to social work and human services and the major policies and practices that are used to understand human strengths and challenges. The course explores the skills, values and knowledge base needed to effectively work as a culturally competent, social work or human service professional in a multidisciplinary setting. *Prerequisites: (ENG 050 and REA 050) or ENG 099 or REA 075. Appropriate placement test scores may be accepted.*

ENG 100 English Composition I
This course reviews the principles of composition, including rhetoric, grammar and usage. It emphasizes critical thinking, the recursive nature of writing, the writing of analytical essays, and the application of information literacy skills. *Prerequisites: (ENG 050 and REA 050) or ENG 099* or REA 075. Appropriate placement test scores may be accepted. *Courses marked with a star may be taken concurrently.*

PSY 140 General Psychology
This course is a one-semester introduction to the basic principles and major theoretical approaches that are used to explain human behavior, with emphasis on understanding and application of such principles and theories as they relate to ourselves and our surroundings. *Prerequisites: (ENG 050 and REA 050) or ENG 099 or REA 075. Appropriate placement test scores may be accepted.*

CS 100 Introduction to Information Technology
(formerly DPR 100) This course is designed to provide an introduction to Information Technology (IT) concepts and applications, and the impact of IT on individuals, organizations, and society. Core content includes computer hardware and software, digital communications, the Internet, databases, networking, programming, computer security, ethics in IT, and current and emerging digital technologies. *Prerequisites: REA 050 or ENG 099 or REA 075. Appropriate placement test scores may be accepted.*

COMM 111 Public Speaking
This course enables students to deliver a variety of presentations. Students are introduced to various methods of delivery, organizational patterns, and types of presentational aids. Emphasis is placed on preparing presentations for multiple audiences and occasions. *Prerequisites: (ENG 050 and REA 050) or ENG 099 or REA 075. Appropriate placement test scores may be accepted.*

SWO 210 Human Behavior and the Social Environment
This course focuses on the internal and external variables that influences human development across the lifespan. Students will study the range of social systems in which people live, describe empirically-based knowledge of human behavior in the social environment, identify concepts, assumptions and critiques of developmental theories and assess the level of impact that diversity and socio-economic levels have on human development. In addition to exploring bio-psycho-social theories students will utilize social work conceptual frameworks to guide evaluation of existing case studies, programs, and interventions. Various constructs from the Social Work profession will be utilized throughout the course. These include but are not limited to: bio-psycho-social, Person in Environment (PIE), strengths-perspective, Problem Solving Process/Generalist Intervention Model, NASW Code of Ethics and systems theory. This course is a required course for the DCCC, Associate in Arts Degree in Social Work. NOTE: Students who are planning to transfer to a 4-year institution and complete a Bachelor of Social Work degree (BSW) are advised to plan early for transfer and meet with an advisor and transfer specialist. *Prerequisites: (SWO 101 or HUS 101) and ENG 100.*

DCCC Trades Pathway Programs

Delaware County Community College
Sun Valley High School Carpentry Pathway(Only available to those already enrolled this school year)

Carpentry Certificate: This certificate is designed to prepare the student for entry-level positions in the occupational specialty of residential carpentry. Students are offered learning experiences in the basics of blueprint reading, design concepts as well as the building, installing and repairing residential structures.

Carpentry Program Outcomes:

- Demonstrate knowledge of the different structural components of residential buildings.
- Demonstrate basic competencies in preparing and presenting construction drawings and designs.
- Read and interpret blueprints, building plans and specifications.
- Demonstrate skills constructing structures and their components parts.
- Demonstrate technical skills required to install and finish interiors or exteriors.
- Demonstrate understanding and competencies of energy efficient construction.
- Apply the knowledge of mathematics to carpentry tasks.
- Demonstrate knowledge of safety practices.

Delaware County Community College
Sun Valley High School Electrical Pathway(Only available to those already enrolled this school year)

Electrical Certificate: This hands-on training program is designed to prepare individuals to become residential electricians who can work in new home construction as well as do maintenance and repairs in existing homes. Students learn safe, proper and efficient installation, troubleshooting and servicing of electricity and its associated equipment and wiring. The curriculum has been approved by the U.S. Department of Labor, Bureau of Apprenticeship and Training, for the 144 hours of classroom training required in an electrical apprenticeship program.

Electrical Program Outcomes:

- Demonstrate knowledge of OSHA requirements for the electrical profession.
- Interpret and apply the National Electrical Code (NEC).
- Lay out electrical installations for residential uses.
- Install various electrical components, devices and circuits.
- Perform specified measurements and tests on current, voltage, resistance and efficiency of electrical motors, power panels, lighting circuits, electrical outlets, transformers, as well as electrical devices and circuits.
- Troubleshoot and electrical components, devices and circuits.

Delaware County Community College
Sun Valley High School Automotive Pathway (open for enrollment)

AUT I Certificate: This certificate is designed to prepare the student for entry level positions in the occupational specialty of automotive technician. The Certificate of Competency in Automotive Technology I will be awarded upon successful completion of the minimum competencies as out-lined below. Program completers will be prepared to seek positions as entry-level automotive service technicians and automotive mechanics.

AUT II Certificate: This certificate is designed to prepare the student for above entry-level positions in the automotive service industry. The Certificate of Competency in Automotive Technology II will be awarded upon successful completion of the competencies outlined.

Some Examples of Automotive Program Outcomes:

- Define OBD (On-Board Diagnostics).
- Utilize testing tools to retrieve malfunction codes from the computer system.
- Identify the importance of emission controls and emission control procedures.
- Test input sensors and actuator sensors.
- Identify EGR (Exhaust, Gas and Recirculation) Systems.
- Measure, assemble and install new parts as required.
- Differentiate between 4-wheel drive and all wheels drive vehicles.
- Service 4-wheel drive and all wheels drive vehicles.
- Identify hydraulic systems
- Remove, overhaul and reinstall transmission/transaxle in vehicles.
- Restore units back to manufacturer's specifications.

Delaware County Community College
Sun Valley High School Electro-Mechanical Pathway (open for enrollment)

Electro-Mechanical Certificate: Electro-Mechanical Technologies program is designed to prepare students for employment as electro-mechanical technicians who assemble, install, troubleshoot and/or repair mechanical, electrical and fluid power systems. The program includes instruction in electrical controls and programmable controllers, manufacturing and operational testing, as well as system analysis and maintenance procedures.

Electro-Mechanical Program Outcomes:

- Demonstrate understanding and applications of AC/DC Electrical Theories.
- Demonstrate an understanding of electrical controls and programmable controllers.
- Demonstrate a working knowledge of the functions of components and devices used in mechanical, electrical and fluid power systems.
- Apply principles, knowledge and analysis skills in troubleshooting, repairing and maintaining mechanical, electrical and fluid power systems.
- Demonstrate computational skills to solve problems related to mechanical, electrical, electronic and fluid power systems

University of Pittsburgh- College in the High School (CHS)

COMMRC 0320: Mass Communication and Society

This course is an introduction to mass communication, exploring the cultural, technological, and economic history of the media from newspapers to the Internet, the changing relationships between media industries, audiences, and cultures, and the theoretical underpinnings of mass communication research. By combining histories of specific communication forms, and traditional and contemporary theories of communication, the course places contemporary perspectives and issues in conversation with the history of media development and use in order to help students become more critical consumers of the media they experience daily.

Number of Credits: 1

ENGFLM0400: Introduction to Film

ENGFLM 0400 is a basic course on the visual arts that offers students a broad introduction to the medium of film while inviting conversations about new media, television, and film's connection to other arts, including photography, painting, theater, and web video. The course teaches students with no background in media studies how to analyze media in terms of art, industry, and culture. The class will consider such issues as: the process of contemporary film production and distribution; the nature of basic film forms; selected approaches to film criticism; comparisons between film and the other media; genre; auteurism; marketing; diversity of representation. Other required courses in Film and Media Studies concentrate on the language of film and its component parts, so Introduction to Film concentrates less on form and more on the cultural elements of film.

Number of Credits: 1

CS 0012: Introduction to Computing for the Humanities (Python)

CS 0012 introduces students to the concepts of computing and computer programming.
Students in this course learn how a computer works and how to write programs to use the computer as a problem-solving tool. A major focus of the class is developing problem-solving skills (e.g., how to decompose a problem into more manageable parts, and how to combine those parts into an overall solution). CS 0012 focuses on problems related to the humanities and allied social sciences. Domain-specific projects and labs will be assigned throughout the course to encourage students in these fields to apply computing to their Studies.

Number of Credits: 1

MATH 0230: Analytic Geometry and Calculus 2

This course is the standard second course in a basic calculus sequence required for all mathematics, science, engineering, and statistics students. The text used for Calculus 2 is Essential Calculus: Early Transcendentals, 2nd edition, by James Stewart (Cengage). However, you may use any textbook as long as the material that is listed on the course description. The prerequisite is successful completion (a grade of C or higher) of Math 0220 Analytic Geometry and Calculus 1 or an equivalent college course. An AP Calculus AB score of a 4 or 5 will also fulfill the prerequisite.

Number of Credits: 1

Career & Technical Education Pathways

The Penn-Delco School District participates in a program that offers additional vocational and technical courses at the two Delaware County Area Career and Technical Schools. Each course is an extension of the high school program and credit toward high school graduation will be awarded. The courses are scheduled on a half-day basis.

Although most students pick a main cluster of interest, some programs offer dual enrollment. Dual enrollment allows students to schedule two (2) comparable programs of interest from the same cluster.

Most Technical programs are generally two years in length and open to 11th and 12th grade students. The Cosmetology Program is offered to students in Grades 10, 11 and 12. The Medical Careers Program is for Grade 12 only.

The School of Construction Technology

Building Trades-Carpentry-Electrical Construction Technology-HVAC & Plumbing-Welding

The program emphasizes career opportunities in the construction trades. The construction industry provides students multiple careers in designing, planning, managing, building, and maintaining infrastructures. The Construction Technology curriculum supports the efforts of students entering the skilled-trades by equipping them with proper safety and work ethic skills. Students learn to apply academic math solutions like, geometry and trigonometry, to real world challenges. The demand for highly skilled workers in Carpentry, Electrical Technology, HVAC, and Building Trades, especially students trained using state-of-the-art equipment and resources, continues to have a strong outlook demonstrating high growth.

The School of Hospitality, Tourism & Human Services

Cosmetology-Culinary Arts-Early Childhood Education

The School of Hospitality, Tourism & Human Services is a cluster of programs that prepare students to pursue a variety of career pathways in culinary arts, early childhood education and cosmetology. The service industry is the mainstay of a 21st century society. In this diverse job family, workers place people and their needs first. Students will learn the effective management and planning of educational, culinary and beauty services, as well as safety, nutrition, health and human development. The unique nature of these programs brings out the entrepreneur in those who study them and, at some point in time, self-employment is one of the many career paths that can be pursued.

The School of Logistics, Distribution & Transportation

Automotive Technology-Collision Repair Technology-Logistics & Inventory Management

The School of Logistics, Distribution, and Transportation is a cluster of programs that involve the transportation of passengers and cargo, warehousing & storage for goods, and the supportive activities related to modes of transportation. Like all career and technical education, these training programs combine classroom instruction and hands-on experience with the latest technology in state-of-the-art labs. The needs of a fast paced society require technicians who can manage, service, maintain, and ensure that people, materials, and goods arrive where they need to be safely and on time. Advancing technologies continue to change processes within the Logistic, Distribution and Transportation industry. Collision repair requires technicians to repair and refinish damaged vehicles to drive like new by straightening bent bodies, removing dents, and replacing unrepairable parts. The increasing sophistication in the automotive technology field requires technical, computer, and mechanical skills to inspect, maintain, and repair automobiles. Logistical services manage all aspects of the movement of goods between producers and consumers; computerized inventory management has improved the efficiency of those relationships.

The School of Health & Biosciences

Biomedical Technology & Laboratory Sciences-Dental Occupation-Emergency & Protective Services-Exercise Therapy & Sports Science-Health Sciences-Medical Careers

The School of Health and Biosciences is a cluster of programs that highlights numerous exciting career pathways in medicine, nursing and allied health. It is designed to provide students with opportunities to learn foundational technical skills, build associated academic skills, earn PA Department of Education approved and industry accredited certifications, and develop the 21st century skills needed to excel in the workforce of the future. Students will be immersed in a rich curriculum designed to prepare them to be career and college ready during their training and exploration of various health related occupations. Anatomy and physiology, patient care skills, emergency response, disease control, medical ethics, documentation and records management, pharmacology, EKG and phlebotomy are just some of the topics students will study.

The School of Engineering & Computer Science

Advertising Design & Commercial Art-Computer Networking-Digital Forensics-Engineering & Robotics-Management Information Systems

The School of Engineering and Computer Science cluster of programs that highlights challenging and fulfilling career pathways in engineering, design, and computer network technologies. It provides a carefully structured curriculum that reflects the workforce needs for skilled engineers and computer specialists as well as adhering to Science, Technology, Engineering and Mathematics (STEM) initiatives. Instruction includes academic & technical skill training, as well as the development of 21st Century skills that are needed to excel in the workforce of the future. Students will earn PA Department of Education approved and stackable, industry accredited certifications. The Engineering pathway prepares individuals to apply knowledge and skills in the engineering field. The Computer Science pathway is an instructional framework that focuses on the design, implementation and management of linked systems of computers and associated software. Safety, ethics, problem solving & troubleshooting, operating systems, system design, communication, automated systems, engineering graphics and security are just some of the topics students will study.

Medical Careers

This program is offered to students who are interested in attending college to prepare for a career in health care. It has been nationally recognized by the Life Science Career Alliance, won teaching awards from Pennsylvania Department of Education (PDE), and achieves 100% college placement. This year-long program is offered at 1 of 6 area hospitals. Students attend class daily at their assigned hospital and the curriculum offers a combination of lecture, patient care skills, and clinical rotations. Students benefit from career-based presentations from an array of healthcare professionals including: nurses, physicians, physician assistants, physical therapists, medical technologists and pharmacists. The curriculum includes anatomy, physiology, pathophysiology, medical terminology, safety, infection control and medical law and ethics. Students graduate from the program with a solid understanding of the integral relations of the hospital team and a vision of their potential role in the healthcare industry.

Language Arts Department

Each summer, students enrolled at Sun Valley High School take part in the summer required reading program. All students are required to read at least two assigned books during the summer. This list is published in June. In addition to the reading assignment, the students must complete a written component. The students are assessed on the material covered in the summer in the first marking period. Students must complete 3 English core courses and 1 English elective course to graduate.

The process approach for writing is taught by all language arts teachers. For most assignments, students are expected to pre-write, write and revise before presenting a final draft.

Language Arts Course	**Which Graduation requirement will this course satisfy?**	**9**	**10**	**11**	**12**
Survey of Literature	English Core				
American Literature	English Core				
World Literature	English Core				
AP Language & Composition	English Core				
British Literature	English Core				
AP Literature & Composition	English Core				
English / Language Arts I-IV	English Core				
CHS-Introduction to Film (Dual Enrollment U Pitt)	English Elective				
Topics in Literature (Dual Enrollment WCU Asynchronous)	English Elective				
Creative Writing (.5)	General Elective				
Journalism & Media Studies (.5)	General Elective				
World Mythology (.5)	General Elective				
Careers (.5)	General Elective				
Sports Literature (.5)	General Elective				
Legends and Folklore (.5)	General Elective				
English Lab (.5)	General Elective				

1099X 1099XCT	**Survey of Literature Co-Taught Survey of Literature**	**Grade 9**	**Credits 1.0**	**Reg**	**EC**

Survey of Literature introduces students to an array of literature genres and emphasizes skill building in the areas of reading, writing, speaking and listening. Through a variety of reading, writing, speaking, listening, and technology experiences, students will develop the competencies necessary for success in high school English. In addition to a collection of textbook and online selections, the curriculum includes three major pieces of literature: *To Kill a Mockingbird*, *The Tragedy of Romeo and Juliet*, and *The Odyssey*; students will also read a variety of non-fiction works to support the literature and create real world connections. Intensive instruction in argumentative, narrative, descriptive, and expository writing is provided with particular emphasis on developing focus, content, organization, style, and conventions. The Survey of Literature instructors strive to create an inclusive, differentiated classroom environment where students are engaged, learning is fun, and a standards-based curriculum prepares students for future proficiency on the Keystone Exam. Extra support and remediation will be available to students, as needed.

During the summer prior to taking the course, students are expected to read one novel, *Lord of the Flies*, independently and come to school prepared with a completed RAFT writing assignment. Summer reading requirements will be provided to the students in June.

1099H	**Honors Survey of Literature**	**Grade 9**	**Credits 1.0**	**Hon**	**EC**

Prerequisites: In order to remain in honors English classes, students should maintain a grade of "A" or "B," and have teacher recommendation.

Honors Survey of Literature introduces students to an array of literature genres and emphasizes skill building in the areas of reading, writing, speaking and listening. Through a variety of reading, writing, speaking, listening, and technology experiences, students will develop the competencies necessary for success in high school English. In addition to a collection of textbook and online selections, the curriculum includes three major pieces of literature: *To Kill a Mockingbird*, *The Tragedy of Romeo and Juliet*, and *The Odyssey*; students will also read a variety of non-fiction works to support the literature and create real world connections. Intensive instruction in argumentative, narrative, descriptive, and expository writing is provided with particular emphasis on developing focus, content, organization, style, and conventions. The Honors Survey of Literature instructors strive to create an inclusive, differentiated classroom environment where students are engaged, learning is fun, and a standards-based curriculum prepares students for future proficiency on the Keystone Exam.
Honors students will be provided with enrichment opportunities in the areas of reading, writing, speaking, and research.

During the summer prior to taking the course, students are expected to read one novel, *Lord of the Flies*, independently and come to school prepared with a completed RAFT writing assignment. Summer reading requirements will be provided to the students in June.

1055X 1055XCT	**American Literature Co-Taught American Literature**	**Grade 10**	**Credits 1.0**	**Reg**	**EC**

American Literature will give students the opportunity to critically examine various American literary works in chronological order over the past four centuries. Students will learn to relate the literature of the past to

present day situations. Emphasis will be placed on critical listening and reading skills, analyzing, researching, speaking and writing in various modes. There are two research requirements for this course: a research paper in the first semester and a research project in the second semester. Students will be required to read two novels per marking period independently. Along with the text, students will read *The Crucible* as well as one other notable work. Students are required to read two books during the summer prior to the course. Students will be tested on these books in September, and these test grades count as major grades.

1055H	**Honors American Literature**	**Grade 10**	**Credits 1.0**	**Hon**	**EC**

Prerequisites: In order to remain in honors English classes, students should maintain a grade of "A" or "B," and have teacher recommendation.

Honors American Literature allows students to study the traditions from which our country's texts come as well as appreciate and understand the rich fabric of a nation. Through a variety of reading, writing, speaking and listening experiences, students will develop a critical eye with which to study our American literacy heritage. They will consider through both examination of literature of all genres and multiple writing pieces the diverse cultures of American society. Along with the text, students will read *The Crucible and The Great Gatsby*. Students are required to read two independent novels per marking period. They are also required to complete a research project and term paper. Students must read three books during the preceding summer. Students will be tested on these books in September and the test grades are important in the 1st marking period.

1058X **1058XCT**	**World Literature** **Co-Taught World Literature**	**Grade 11**	**Credits 1.0**	**Reg**	**EC**

World Literature emphasizes literary analysis through reading, writing, speaking and listening. The anthology selections in the text include short stories, drama, poetry and non-fiction. Students will write narrative, expository and persuasive essays related to texts as well as utilize library resources and the Internet. Students are required to read two books during the summer preceding the course and must complete related projects that will be graded upon arrival in September. Book titles will be provided to students in June of Sophomore year. During the course, students are required to read selections from the textbook, novels and dramas. A research paper on a controversial topic must be completed to pass the course. Students will be required to locate, acquire, and assimilate information on a topic of their choice using the accepted MLA format and all procedures leading to a final paper. Additionally, students may be administered the Keystone Literature Exam.

1058H	**Honors World Literature**	**Grade 11**	**Credits 1.0**	**Hon**	**EC**

Prerequisites: In order to remain in Honors English classes, students must maintain a grade of "A" or "B" and have teacher recommendation.

Honors World Literature is the second of a four year program for advanced students. The focus is a survey of World Literature. The steps of the writing process are reviewed and students are required to demonstrate mastery of the four major modes of writing: descriptive, narrative, persuasive and expository. Grammar and vocabulary skills are taught in conjunction with the writing process. Students are required to read two books during the summer preceding the course and must complete related projects that will be graded upon arrival in September. During the course, students are required to read selections from the textbook, novels and dramas. Students will locate, acquire and assimilate information using the accepted MLA format and all procedures leading to a final paper. Additionally, students may be administered the Keystone Literature Exams.

1005AP	**AP Language & Composition**	**Grade 11**	**Credits 1.0**	**AP**	**EC**

Prerequisites: "A" or "B" in Honors American Literature and Teacher Recommendation

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods.

Students are required to read texts at various lengths including novels that will be assigned as summer reading. The students will be writing with proficiency in all modes such as narrative, exploratory, expository, and argumentative. Students are expected to contribute to class discussions on a regular basis and maintain a consistent work ethic. Continuance in the Advanced Placement program requires a "B" average and passing a writing sample.

1057X **1057XCT**	**British Literature** **Co-Taught British Literature**	**Grade 12**	**Credits 1.0**	**Reg**	**EC**

This course will examine British Literature from its origin to the present. Historical introductions will allow students to have an understanding of the social, economical and political climate during which each piece was written. This will allow the student to have a deeper understanding of the author's intent and beliefs. Reading, literary terms and techniques, literary analysis, vocabulary development, writing techniques and critical thinking will be vital features of this course. A variety of writing experiences will be included such as essays, poetry explication and research papers. Speaking and listening skills will be emphasized through class discussions, oral reports, speeches and classroom debates. Students will read a variety of novels and plays.

Students will need to complete a term paper to meet the requirements for course completion. Each student is required to read two books the summer prior to senior year. Students will be tested on these books within the first few weeks of September. The books will serve as sources of reference throughout the entire year. There will be a comprehensive final examination at the end of each semester.

1057H	**Honors British Literature**	**Grade 12**	**Credits 1.0**	**Hon**	**EC**

Prerequisite: In order to remain in honors English classes, students should maintain a grade of "A" or "B" and have teacher recommendation.

Honors British Literature focuses on origin to present publications. Works studied will be placed in historical context including the social, economical and political climate during which each piece was written. This will allow students to develop a deeper understanding of the authors' intent and beliefs. Critical reading, literary analysis, writing strategies and higher level thinking skills are vital features to the course. Writing experiences will include expository, analytical and persuasive essays, poetry explication, other creative pieces and research papers. During the summer preceding the course, students are required to read independently one specified book and two self selected from a distributed list. Students are to return to school in September with a journal related to the required book. They will be tested on the required book. The test grade will be a major grade of the 1st marking period.

1006AP	**AP Literature & Composition**	**Grade 12**	**Credits 1.0**	**AP**	**EC**

Prerequisites: AP Language & Composition; Recommended "A" or "B" in Honors World Literature and Teacher Recommendation

The AP Literature and Composition course offers college level studies in literature and composition while still in high school. It requires students to engage in careful reading and critical analysis of selected works. Students read works from several genres and periods from the 16th to the 20th centuries. These selections require close, active and careful reading followed by analysis and interpretation. Students will learn how to make careful observations of textual detail, establish connections among their observations, and draw from those connections a series of inferences leading to an interpretive conclusion about each work's meaning and value.

Writing assignments will focus on critical analysis of literature and will include expository, analytical, persuasive, and argumentative essays, as well as creative pieces. Writing instruction will focus attention to the development and organization of ideas in clear, coherent and precise language. It will include the elements of style, including a wide-ranging vocabulary, a variety of sentence structures, logical organization, and the effective use of rhetoric.

There will be a comprehensive examination at the end of the first semester. Students will take the Advanced Placement Examination in May.

1001-1004	**English/Language Arts I—IV**	**Grades 9-12**	**Credits 1.0**	**Reg**	**EC**

Throughout these courses students develop their knowledge of textual elements and structures enabling them to engage in close reading of increasingly difficult texts. They also develop analytical skills and strategies while moving from a variety of literature genres to a variety of nonfiction genres. Students read literary nonfiction that encompasses a variety of topics, central ideas, and arguments. They also read multiple texts in the same genre to understand what sets it apart from other genres. Through close analytical reading, readers develop theories about which writer is most effective in conveying intent, purpose, and meaning. As readers and researchers, students also study a variety of argumentative texts for structure, tone, audience, claim, counterclaim, evidence, and line of reasoning.

ENGFLM 0400	**CHS- Introduction To Film (Dual Enrollment U Pitt)**	**Grades 10-12**	**Credits 1.0**	**Dual**	**EE**

ENGFLM 0400 is a basic course on the visual arts that offers students a broad introduction to the medium of film while inviting conversations about new media, television, and film's connection to other arts, including photography, painting, theater, and web video. The course teaches students with no background in media studies how to analyze media in terms of art, industry, and culture. The class will consider such issues as: the process of contemporary film production and distribution; the nature of basic film forms; selected approaches to film criticism; comparisons between film and the other media; genre; auteurism; marketing; diversity of representation. Other required courses in Film and Media Studies concentrate on the language of film and its component parts, so Introduction to Film concentrates less on form and more on the cultural elements of film.

LIT 165	**Topics in Literature (Dual Enrollment WCU Asynchronous)**	**Grades 11-12**	**Credits 1.0**	**Dual**	**EE**

11101	**Journalism & Media Studies**	**Grades 9-12**	**Credits .5**	**Reg**	**EE**

The course in Journalism and Media Studies will train students in print media reporting, writing, editing, layout, and graphics. The course will offer intensive study on media literacy in many different forms. Students will produce podcasts, video broadcasts, and other examples of digital media. The goal of the course is to educate students to be skilled producers and consumers of information.

06289	**World Mythology**	**Grades 9-12**	**Credits .5**	**Reg**	**EE**

Students will study an overview of mythologies from around the world, with an emphasis on similarities in theme and function for myths from diverse times and cultures. The course covers the structure of myths, common elements in myths, and the purpose and characteristics of myth. Students will evaluate contemporary theories on myth and mythology and examine the role of mythology in creating and reflecting culture.

01104	**Creative Writing**	**Grades 9-12**	**Credits .5**	**Reg**	**EE**

Creative Writing is designed for students who wish to experiment in self-expression through writing. Writing emphasis is placed on imitating models, pre-writing and editing techniques, examining various publishing venues and exploring different forms. Students will study advanced writers such as Kurt Vonnegut, Jean Shepherd, and classic authors, along with a collection of contemporary writers and poets such as, David Sedaris and Maile Meloy. Students will write daily, keep a journal, participate in readings of works both in class and publicly, enter contests and submit works for publication. Students will participate in workshop activities and peer-editing sessions that help enhance final products. The course will be both writing and reading intensive, focusing on reading, analyzing and discussing work of various authors and then learning to work the many literary techniques into student work.

22151	**Careers**	**Grade 9**	**Credits .5**	**Reg**	**GR**

Careers is a project based course designed to help students transition from middle school and begin the process of planning for their lives after high school. This course focuses on practical 21st century skills and gives students a head start on a variety of items that will help them in the post-secondary path of their choice. Throughout the course, students will develop skills that will help them throughout their time at Sun Valley, including how to research and set appropriate, yet challenging, goals for themselves. Careers students will also learn to plan for the future, covering topics such as budgeting, taxes and future education. From researching career paths to resume writing to interview techniques, students will also learn the basics of the job hunt.

01605	**Sports Literature**	**Grades 9-12**	**Credits .5**	**Reg**	**EE**

This course will focus on both fiction and non-fiction sports literature. It will allow students to explore the application of sports in their lives outside of the playing field. Students will read novels, short stories, poems, magazine/news articles, and essays; they will also have the opportunity to study mediums such as films and

broadcasts. The course will focus on topics such as overcoming obstacles, leadership, successes and failures, rivalries, heroism, and ethics. Students enrolled in this course will write in various modes while analyzing and discussing the impact sports have on their lives and society as a whole.

01604	**Legends and Folklore**	**Grades 9-12**	**Credits .5**	**Reg**	**EE**

Brave heroes, resourceful companions, and horrifying monsters. Whether in stories told at bedtime, portrayed in film, or whispered around a campfire, these character types have captured the collective imagination of humanity for thousands of years. While these tales are entertaining, they also reveal many of the cultural values of the societies that tell and re-tell these stories. In this course, students will read and analyze legends and folktales from a variety of times and locations. Study of traditional sources will include King Arthur, Robin Hood, and the Brother's Grimm, but students will also discuss cultural fascination with monsters such as vampires, werewolves, and ghosts. By studying tall tales, urban legends, and national epics, students will learn to apply critical reading and cultural analysis strategies to a variety of texts.

1009	**English Lab**	**Grades 11-12**	**Credits .5**	**Reg**	**EE**

Prerequisites: American Literature

This semester course is designed as a remediation course for students who did not score proficient on the Keystone English exam. This course will provide students with testing strategies and a solid foundation of English skills needed to be successful on the SAT, ACT, future English/Literature courses, and the Keystone English Exam. (Students in this course must retake the Keystone Exam)

Social Studies Department

Many colleges require four years of social studies for admission. The Sun Valley Social Studies Department offers a wide variety of college/university accepted electives for students to choose in order to meet their interests and needs. Students must complete 2 Social Studies core courses (Government & US History) and 1 Social Studies elective course to graduate.

Social Studies Courses	**Which Graduation requirement will this course satisfy?**	**9**	**10**	**11**	**12**
Civics & Government	Social Studies Core				
Contemporary US History	Social Studies Core				

AP US History	Social Studies Core				
World History	Social Studies Elective				
AP World History	Social Studies Elective				
AP African American History	Social Studies Elective				
AP Macroeconomics	Social Studies Elective				
AP Psychology	Social Studies Elective				
AP US Government & Politics	Social Studies Elective				
CHS-Mass Communication & Society (Dual Enrollment U Pitt)	Social Studies Elective				
Introduction to Cultural Anthropology (Dual Enrollment WCU in-person) *students must provide their own transportation	Social Studies Elective				
Global Conflict & Human Rights (.5)	General Elective				
Criminal Justice & The Law (.5)	General Elective				
Psychology Seminar (.5)	General Elective				
Sociology (.5)	General Elective				

4161X **4161H**	**Civics & Government** **Honors Civics & Government**	**Grade 9** **Grade 9**	**Credits 1** **Credits 1**	**Reg** **Hon**	**SSC** **SSC**

This course brings the ideals and ideas of our government system to life for students. The course studies the make-up and operation of government, including the national bureaucracy. It includes units on the founding period and Enlightenment, how elections work, the influence of media, civil rights, justice, and how policy is enacted. Students will also explore Pennsylvania and local government.

4149X	**Contemporary U.S. History**	**Grade 10-12**	**Credits 1**	**Reg**	**SSC**

Students will study contemporary American history from 1945 to the present. The major units of study are: the origins of the Cold War, McCarthyism, the 1950s, Civil Rights, the Vietnam War (protests and counterculture),

the Nixon years, the Seventies, the Reagan era, the Clinton years, and post-9/11 America. With the assistance of the textbook and supplemental materials students will complete long and short-term assignments. Critical thinking skills are honed in relation to social studies content.

4149H	**Honors Contemporary U.S. History**	**Grade 10-12**	**Credits 1**	**Hon**	**SSC**

Prerequisites: Teacher Recommendation
Students will study contemporary American history from 1945 to the present. The major units of study are: the origins of the Cold War, McCarthyism, the 1950s, Civil Rights, the Vietnam War (protests and counterculture), the Nixon years, the Seventies, the Reagan era, the Clinton years, and post-9/11 America. A wide variety of materials and techniques are used to move students at a rapid pace in both content and critical thinking skills. Students are required to read *Thirteen Days* by Robert F. Kennedy during the course of the school year.

4056AP	**AP US History**	**Grade 10-12**	**Credits 1**	**AP**	**SSC**

Prerequisites: Teacher Recommendation
More than 400,000 students participate in the AP US History exam annually. The competition is keen, and the course requires student commitment to the pursuit of historical study. This course prepares students for the AP exam, which sits in May each year. Many (though not all) universities accept passing scores on the AP exam in lieu of as many as six American history undergraduate credits. The course is a *de facto* freshmen level college course, and by design provides students with skills required for a successful college career. The content covers US history form Columbus to Reagan, and incorporates an array of activities, primary source exercises, technology, and outside reading material. The historiography focuses on social economic, political, intellectual, diplomatic and cultural paradigms.

4060X	**World History**	**Grade 11-12**	**Credits 1**	**Reg**	**SSE**

Students study the history of humankind with a more concentrated focus from the Renaissance to present day. The six social studies standards of essential content knowledge and four process skills are integrated for instructional purposes. Students will utilize different methods that historians use to interpret the past, including points of view and historical context.

4060H	**Honors World History**	**Grade 11-12**	**Credits 1**	**Hon**	**SSE**

Prerequisites: Teacher Recommendation
Students study the history of humankind with a more concentrated focus from the Renaissance to present day. The six social studies standards of essential content knowledge and four process skills are integrated for instructional purposes. Students will utilize different methods that historians use to interpret the past, including points of view and historical context.

4057AP	**AP World History**	**Grade 11-12**	**Credits 1**	**AP**	**SSE**

Prerequisites: Teacher Recommendation
Students who elect to take the AP World History Course will be expected to learn the following content themes through creating historical arguments from historical evidence, chronological reasoning, comparing and contextualizing, and historical interpretation and synthesis. The themes that will be explored are:

Technological and Environmental Transformations to 600 BC, Organization and reorganization of Human societies 600 BC to 600 CE, Regional and Transregional Interactions 600 CE to 1450, Global Interactions 1450 to 1750, Industrialization and Global Integration 1750 to 1900, Accelerating Global Change and Realignments 1900 to the Present. Students who take this class will be expected to take the AP Exam for this course.

4157AP	**AP African American Studies**	**Grades 9-12**	**Credits 1**	**AP**	**SSE**

Prerequisites: A proficient score in the most recent ELA or Math State Assessment
AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Unit 1: Origins of the African Diaspora (~900 BCE–16th century) Unit 2: Freedom, Enslavement, and Resistance (16th century–1865) Unit 3: The Practice of Freedom (1865–1940s) Unit 4: Movements and Debates (1940s–2000s)

4203AP	**AP Macroeconomics**	**Grades 10-12**	**Credits 1**	**AP**	**SSE**

Prerequisites: Teacher Recommendation
What is economics? Many people believe economics is the study of money or stocks and bonds. In reality, economics is the study of choices. Economics answers the questions: “How much should we produce?” and “How much should we consume?” Economics is based on the principle that we have *unlimited* wants but *limited* resources. How we allocate those resources to make choices and produce goods is at the heart of the study of economics. Students will learn to use graphs, charts, and data to analyze, describe, and explain economic concepts that will help them to be successful on the College Board exam in May.

4256AP	**AP Psychology**	**Grades 10-12**	**Credits 1**	**AP**	**SSE**

Prerequisites: Teacher Recommendation
This class is designed for those students who wish to experience a university-level introductory course in psychology, and prepare for the rigorous AP exam in May. Psychology is the study of behavior and mental processes. It is a science with roots in the fields of biology, philosophy and physiology. Discussions, class debates, experiments, and hands-on activities will introduce the student to developing an understanding of human behavior. The primary questions addressed in the course will be, "Why do people act the way that they do in specific situations?" and "How can people change their behaviors?"

4157AP	**AP U.S. Government & Politics**	**Grades 11-12**	**Credits 1**	**AP**	**SSE**

Prerequisites: A, B, or C in AP US History; A or B in Honors US History
AP American Government and Politics course is designed to provide students with a study of general concepts and specific analysis of the U.S. political system. It is a college political science course. The course covers the various institutions, groups, beliefs, and ideas that comprise U.S. politics. Major units include: Constitutional Underpinnings; Political Beliefs and Behaviors; Political Parties, Interest Groups and Mass Media; Institutions of National Government; Public Policy; and Civil Rights and Civil Liberties. Students are required to interpret and utilize basic data relevant to government and politics in sustained written arguments. Students engage in a wide variety of experiential projects and use technology to study contemporary political science. A final note: students are required to fulfill a summer obligation through a course blog.

COMMRC 0320	***CHS Mass Communication & Society**	**Grades 10-12**	**Credits 1**	**DE**	**SSE**

Prerequisites: *Students must meet dual enrollment requirements. This course is an introduction to mass communication, exploring the cultural, technological, and economic history of the media from newspapers to the Internet, the changing relationships between media industries, audiences, and cultures, and the theoretical underpinnings of mass communication research. By combining histories of specific communication forms, and traditional and contemporary theories of communication, the course places contemporary perspectives and issues in conversation with the history of media development and use in order to help students become more critical consumers of the media they experience daily.

ANT 102	**Introduction to Cultural Anthropology (Dual Enrollment WCU in-person)**	**Grades 11-12**	**Credits 1**	**DE**	**SSE**

Prerequisites: ***Students must meet dual enrollment requirements.**
In-Person at WCU's Graduate Center ****Students must have own transportation****
ANT 102: Introduction to Cultural Anthropology. 3 Credits.
TuTh 1:05-2:20 p.m.
This course introduces students to the fundamental concepts and methods in cultural anthropology--the study of humanity in all of its diversity. Focusing on how culture makes us think and act, organize ourselves, and understand the surrounding world the way we do, the course explores social and cultural diversity through a range of topics including race and ethnicity, sex and gender, kinship and families, religion, economic and political organization, and globalization. Gen Ed Attribute: Behavioral and Social Science Distributive.

04109	**Global Conflict & Human Rights**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This course provides students with the opportunity to explore the causes, courses, and consequences of international conflict (including but not limited to war, revolution, political disputes, terrorism, and genocide). Students will also examine how these conflicts have influenced the definition and protection of human rights, as well as how they pose ongoing challenges to human rights.

This course will appeal to students interested in careers in law, conflict resolution and mediation, education, public service, policy analysis, journalism, politics, international development, humanitarian work, government and non-government agencies, as well as the military, and law enforcement.

04120	**Criminal Justice & The Law**	**Grades 10-12**	**Credits .5**	**Reg**	**GE**

The course focuses on criminal law and the criminal justice system in the United States. Students will examine the application of criminal law and the rights related to the criminal justice process. Emphasis is placed upon a critical understanding of the foundations, components, processes, and goals of the criminal justice system. Students will be given the opportunity to explore various career paths by analyzing the roles of various individuals relevant to the application of criminal law.

PSYSEM	**Psychology Seminar**	**Grades 10-12**	**Credits .5**	**Reg**	**GE**

This course is an introduction to the field of psychology. In this course, we learn about our brain and how it plays tricks on us, different personality types, what motivates us, social interactions, and why we fall in love. Students are better able to better understand a number of behaviors and emotions, and why people (including themselves) think the way they do and why they make certain decisions. ***Note:*** *this course is* ***not*** *required to take AP Psychology; however, juniors who have never taken an AP course before may want to take Psych Seminar their junior year and AP Psych their senior year.*

04258	**Sociology**	**Grades 10-12**	**Credits .5**	**Reg**	**GE**

Students study the nature of humans and the social world in which they live. There are four learning domains: the sociological perspective and methods of inquiry; social structure (culture, institutions, and society); social relationships (self, groups, and socialization); stratification and inequality. The aforementioned four domains are the foundation for satisfying the core requirements of an introductory high school sociology course. Students will utilize different methods to acquire, interpret, and synthesize essential content and concepts from a sociological context.

Science Department

The Science Department provides an intellectually challenging science curriculum that emphasizes the connections between the physical, biological and earth sciences. The students will use science as a process to make informed decisions, solve problems and enrich their lives. Students must complete 2 Science core courses (Biology & Chemistry) and 1 Science elective course.

Science Courses	**Which Graduation requirement will this course satisfy?**	**9**	**10**	**11**	**12**
General Science & Honors General Science	Science Elective				
Biology	Science Core				
Honors Biology	Science Core				
AP Biology	Science Core				
Chemistry & Academic Chemistry	Science Core				
Honors Chemistry	Science Core				
AP Chemistry	Science Core				

Physics	Science Elective				
Honors Physics	Science Elective				
AP Physics I	Science Elective				
AP Environmental	Science Elective				
Anatomy & Physiology	Science Elective				
Nutrition & Culture (Dual Enrollment WCU Asynchronous)	Science Elective				
Astronomy (.5)	General Elective				
Astronomy II (.5)	General Elective				
Botany (.5)	General Elective				
Introduction to Forensic Science (.5)	General Elective				
Zoology (.5)	General Elective				

39992X	**General Science**	**Grade 9**	**Credits 1**	**Reg**	**SC**

Prerequisites: Successful completion of the 8th Grade Science course
General Science is the first of 3 Science Courses required for graduation. This focuses on learning the nature of science and the importance of scientific literacy. Units of study will include: Nature of Science, Biochemistry and Nutrition, Biogeochemical Cycles, Ecology, Natural Selection, Populations, and Changes in the Environment. This course will include many cooperative, hands-on activities as well as independent research projects. One of the major goals of this course is to provide the foundation needed to be successful in future science courses. Students will work on laboratory, data analysis, graphing, and report writing skills throughout the year.

39992H	**Honors General Science**	**Grade 9**	**Credits 1**	**Hon**	**SC**

Prerequisites: "B" or higher in 8th Grade Honors Science or an "A" in Regular Science with teacher recommendation
Honors General Science is the first of 3 Science Courses required for graduation. This focuses on learning the nature of science and the importance of scientific literacy. Units of study will include: Nature of Science, Biochemistry and Nutrition, Biogeochemical Cycles, Ecology, Natural Selection, Populations, and Changes in the Environment. This course will include many cooperative, hands-on activities as well as independent research projects. One of the major goals of this course is to provide the foundation needed to be successful in future science courses. Students will work on laboratory, data analysis, graphing, and report writing skills throughout the year.

K03051X	**Biology**	**Grade 10**	**Credits 1**	**Reg**	**SC**

This course is designed to provide a functional understanding of the eight characteristics of life, featuring their cellular organization, growth and development, reproduction, responding to environmental conditions, heredity, homeostatic mechanisms, energy dynamics and evolution. Utilize higher order thinking skills to expand upon the scientific process, through which scientific knowledge is gained. Observations, measurements and proper laboratory techniques lead to the development of scientific principles and concepts within the course.

K03051H	**Honors Biology**	**Grades 9 & 10**	**Credits 1**	**Hon**	**SC**

Prerequisites: For incoming 9th Graders, students must meet the academic performance criteria on the eligibility rubric; for rising 10th Graders, a "B" or higher in Honors General Science or an "A" in General Science with a teacher recommendation
This course is designed to provide a rigorous and in depth understanding of the eight characteristics of life, featuring their cellular organization, growth and development, reproduction, responding to environmental conditions, heredity, homeostatic mechanisms, energy dynamics and evolution. Strong emphasis is placed on problem solving and analytical skills. This course is a prerequisite for AP Biology.

K03056AP	**AP Biology**	**Grade 10-12**	**Credits 1**	**AP**	**SE**

Prerequisites: Teacher recommendation
This course will emphasize the major themes included in an introductory college biology course. Students will examine facts, principles and processes of modern biology; develop skills in collecting and interpreting data, recognizing problems, establishing hypotheses, developing rational theories based upon the experimental process in the laboratory; and develop an understanding that science is a human endeavor with social consequences.
The course content will include the chemical and biological basis of living systems, cellular respiration and photosynthesis, reproductive patterns and physiology, genetics, comparative anatomy, and ecology

3101ACA	**Academic Chemistry**	**Grade 11**	**Credits 1**	**Reg**	**SC**

Prerequisites: Successful completion of a Biology Course
This chemistry course is designed to provide a functional understanding of matter, its composition and the changes it undergoes. Observations and measurements made in the laboratory lead to the development of basic principles, which are then used to explain various chemical phenomena.

3101X	**Chemistry**	**Grade 11**	**Credits 1**	**Reg**	**SC**

Prerequisites: Successful completion of a Biology Course.
This course is designed to provide a functional understanding of matter, its composition, and the changes it undergoes. is placed on the experimental process by which scientific information is gathered, accomplished through student participation in challenging laboratory settings. laboratory work leads to the development of principles and concepts in the course. Students are expected to utilize higher order thinking skills to master concepts, to develop mathematics skills necessary to solve various chemical problems, to develop scientific

writing skills through laboratory reports, and to demonstrate proper laboratory techniques.

3101H	Honors Chemistry	Grades 10 & 11	Credits 1	Hon	SC

Prerequisites: "B" or higher in Honors Biology or an "A" in Biology with a teacher recommendation and meet minimum placement test score

This course is designed to provide a functional understanding of matter, its composition, and the changes it undergoes. is placed on the experimental process by which scientific information is gathered, accomplished through student participation in challenging laboratory settings. laboratory work leads to the development of principles and concepts in the course. Students are expected to utilize higher order thinking skills to master concepts, to develop mathematics skills necessary to solve various chemical problems, to develop scientific writing skills through laboratory reports, and to demonstrate proper laboratory techniques.

3106AP	AP Chemistry	Grades 11 & 12	Credits 1	AP	SE

Prerequisites: "A" in Honors Chemistry and "A" or "B" in Honors Algebra II and teacher recommendation
In six class meetings per cycle, students will master fundamental principles and develop competence in solving chemical problems. Students will improve their ability to think and to communicate their ideas, both orally and in writing, with clarity and logic. The major areas of study include a highly rigorous treatment of the structure of matter, the states of matter, chemical reactions, and descriptive chemistry.

3151X	Physics	Grades 11-12	Credits 1	Reg	SC

Prerequisites: Successful completion of an Algebra II course
Physics provides the student with a survey of the study of energy in its various forms. This includes a broad analysis of the principles of kinematics (motion) through linear and circular mechanics. Unifying themes are introduced, including: gravitation, electricity and magnetism. Additional topics associated with the study of energy are also addressed. These include waves, sound, and light. While this course uses a conceptual approach to physics, good algebra skills are necessary for problem solving and experimental analysis. The course is laboratory intensive, including a wide variety of inquiry-based experiments used to develop and reinforce the concepts studied.

3151H	Honors Physics	Grades 11-12	Credits 1	Hon	SSC

Prerequisites: "A" or "B" in Honors Algebra II or "A" in Algebra II
Honors Physics provides the student with a comprehensive inquiry of the study of energy in its various forms. This includes an extensive analysis of the principles of kinematics (motion) and dynamics (forces) through linear and angular mechanics. Unifying themes are examined, including the gravitational, electrical, magnetic, and nuclear forces and the fields that create them. Additional topics associated with the study of energy are also addressed. These include waves, sound, and light. Solid algebra skills are necessary for problem solving and experimental analysis. The course is laboratory intensive, including a wide variety of inquiry based experiments used to develop and reinforce the concepts studies.

3210AP	**AP Physics I**	**Grades 11-12**	**Credits 1**	**AP**	**SE**

Prerequisites: "A" or "B" in Honors Algebra II or "A" in Algebra II and teacher recommendation
AP Physics I is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry based learning, students will develop scientific critical thinking and reasoning skills.

03207A	**AP Environmental Science**	**Grades 10-12**	**Credits 1**	**AP**	**SE**

Prerequisites: A or B in Algebra 1 and A or B in previous science courses. Biology must be taken as a pre or co-requisite.
Advanced Placement Environmental Science is designed to be the equivalent of an introductory college course in environmental science. Environmental science is an interdisciplinary course in that it integrates a wide range of topics including earth science, biology, chemistry, sociology and economics. Core scientific principles, concepts, and methodologies required for understanding the environment will be presented to the students in this class. The primary themes of this course include: science as a process, the earth is one interconnected system, humans alter natural systems, environmental problems involve social and cultural issues, and the concept of environmental stewardship and system sustainability.

3053X	**Anatomy & Physiology**	**Grades 10-12**	**Credits 1**	**Reg**	**SE**

Prerequisites: Successful completion of a Biology Course with at least a "B"

This course will examine the anatomical structures and physiological processes of vertebrate animals. Skeletal, muscular, digestive, nervous, reproductive, and cardiovascular systems are among the major body systems that are studied. The course will stress significant hands-on laboratory experiences, including dissection* of various vertebrate organisms.

NTD 200	**Nutrition & Culture (Dual Enrollment WCU Asynchronous)**	**Grades 11-12**	**Credits 1**	**Dual**	**SE**

Prerequisites: ***Students must meet dual enrollment requirements.**

Students will increase awareness of the connection between health outcomes, diet and nutrition, and socio-cultural influences. Course studies will lay a foundation for understanding why people eat the foods that they do. A bio-cultural framework is applied to examine how individual dietary habits, choices, and nutritional health outcomes are influenced by social structure, historic patterns and events, and cultural beliefs and ideology. Students explore food ways, food scripts, health beliefs and practices, demographic characteristics, and population health across diverse communities within the United States. The course also employs a critical analysis of macro-structural inequalities, societal stresses, and cultural norms that alter access and availability to healthy foods and disparately undermine the nutritional health of some populations. Gen Ed Attribute: Diversity Requirement.

3004	**Astronomy I**	**Grades 9-12**	**Credits .5**	**Reg**	**SE**

How does the solar system work? What makes Earth a "Goldilocks planet"? What makes a star shine? For how long will the Sun keep shining? What are black holes and how can they form? Is there alien life? Astronomy 1 is a general introduction to the part of modern astronomy that answers all of these questions and

more. The course gives special attention to the exciting astronomical discoveries and improvements in technology in the past few years.

03008	**Astronomy II**	**Grades 10-12**	**Credits .5**	**Reg**	**SE**

Prerequisites: Successful completion of the Astronomy I course
Astronomy II is a course where students explore some of the mysteries of the universe in a more in-depth manner. The course focuses more closely on the current knowledge and modern techniques used in astronomy today. Topics include, but are not limited to: the origin and evolution of the universe, galaxy types and formation, solar systems (our system and beyond) and stellar evolution. We will also study theories of modern astrophysicists regarding the unseen parts of our universe, such as dark matter, dark energy and black holes. Finally, we will discuss the possibility that our universe might not be the only one "out there"

03058	**Botany**	**Grades 9-12**	**Credits .5**	**Reg**	**SE**

Students will dig into the study of plants and their relationship to humans and the environment. This is a project-based class that will use the greenhouse for multiple activities. Students will do labs and projects that will establish a working understanding of growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, evolution and ecology of plants.

0426	**Introduction to Forensic Science**	**Grades 9-12**	**Credits .5**	**Reg**	**SE**

This course uses an inquiry based approach to the sciences. Students in this course will use a multidisciplinary approach to investigate simulated and historical crime scenes. Case studies and laboratory exercises will cover a number of forensic topics such as fingerprints, fibers, blood serum, ballistics, dental records, and autopsy reports. Emphasis will be placed upon participation, observation, theory, technique and inductive as well as deductive reasoning.

03061	**Zoology**	**Grades 9-12**	**Credits .5**	**Reg**	**SE**

Zoology is a semester course that will survey the nine major phyla of the Kingdom Animalia. Students will identify key structures and functions of these animal groups. Zoologists research the diversity of life by studying the characteristics, taxonomic relationships, life processes, and ecological importance among organisms. While this course uses many skills developed in the Biology course, 9th grade students are encouraged to take this course to better understand relationships between organisms and their environment.

Mathematics Department

Mathematics is a four year requirement for graduation at Sun Valley High School. Students will be challenged to develop skills in analysis, reasoning, creativity, collaboration and self-expression as they gain knowledge of mathematics. Students must complete 3 Math core courses and 1 Math elective course to graduate.

Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Mathematics Courses	**Which Graduation requirement will this course satisfy?**	**9**	**10**	**11**	**12**
Algebra I	Mathematics Core				
Geometry	Mathematics Core				
Honors Geometry	Mathematics Core				
Algebra II	Mathematics Core				
Honors Algebra II & Trigonometry	Mathematics Core				
Pre Calculus	Mathematics Core				
Honors Pre Calculus	Mathematics Core				
AP PreCalculus	Mathematics Core				
Honors Calculus	Mathematics Core				
AP Calculus AB	Mathematics Core				
AP Calculus BC/ CHS Analytic	Mathematics				

Geometry & Calculus 2 (Dual Enrollment U Pitt)	Core				
Statistics	Mathematics Core				
Honors Statistics	Mathematics Core				
AP Statistics	Mathematics Core				
MAT 121 Introduction to Statistics (Dual Enrollment WCU Asynchronous)	Mathematics Elective				
Financial Algebra	Mathematics Core				
Keystone Math Lab	General Elective				

K02052X	**Algebra I** **Co-Taught Algebra I**	**Grade 9**	**Credits 1**	**Reg**	**MC**

In Algebra I, students will learn math and algebra concepts, grade-appropriate math standards, and related problem-solving skills that are aligned to state standards and eligible content related to the Keystone Algebra I Exam. Students will build onto the algebra skills learned in middle school and learn the foundations of algebra that they will need in all subsequent math courses. The course will include problem solving and reading math strands, as well as test taking strategies for a variety of test item formats. Included topics are: operations with real numbers, tools of algebra, solving equations, solving inequalities, solving and applying proportions, graphs and functions, slope and rates of change, linear equations and their graphs, systems of equations, systems of inequalities, exponents, polynomials, factoring, radical expressions, rational expressions and describing, analyzing and interpreting data. Students will be required to represent, analyze, and interpret mathematical models verbally, numerically, graphically and algebraically.

2072X	**Geometry** **Co-Taught Geometry**	**Grades 9-10**	**Credits 1**	**Reg**	**MC**

Prerequisites: Algebra I.
Students will learn geometric concepts, related problem-solving skills and real world applications of math that are aligned to state standards and eligible content for the Keystone Geometry Exam. Students will build on Algebra I skills and develop foundations needed for subsequent math courses. The course will include problem solving, reading and test taking strategies. Included topics are: properties of angles, polygons and circles; parallel and perpendicular lines; transversals; properties of prisms, pyramids, cylinders and spheres; similar figures; congruency; proofs; coordinate geometry; right triangles and right triangle trigonometry; perimeter, circumference, area, surface area and volume.

2072H	**Honors Geometry**	**Grades 9-10**	**Credits 1**	**Hon**	**MC**

Prerequisites: Algebra I.
In Honors Geometry, students will learn geometric concepts, related problem-solving skills and real world applications of math that are aligned to state standards and eligible content for the Keystone Geometry Exam. Students will build on Algebra I skills and develop foundations needed for subsequent math courses. The course will include problem solving, reading, and test taking strategies. Included topics are: properties of angles, polygons, and circles; parallel and perpendicular lines; transversals; properties of polyhedrons, cylinders, and spheres; similar figures; congruency; proofs; coordinate geometry; right triangles and right triangle trigonometry; perimeter, circumference, area, surface area and volume.

2056X	**Algebra II** **Co-Taught Algebra II**	**Grades 9-12**	**Credits 1**	**Reg**	**MC**

Prerequisites: Algebra I
In Algebra II, students will learn advanced algebra concepts, related problem-solving skills and the real-world applications of math that are aligned to state standards. The course will include problem solving, reading and test taking strategies. Topics include: operations with complex numbers; exponents; roots; absolute value; logarithms; rational and radical expressions; characteristics of quadratic and polynomial functions; solving nonlinear equations; exponential growth and decay; representing, analyzing and interpreting data; applying probability and odds. Students will be required to represent, analyze and interpret mathematical models verbally, numerically, graphically and algebraically.

2106H	**Honors Algebra II & Trigonometry**	**Grades 9-12**	**Credits 1**	**Hon**	**MC**

Prerequisites: Algebra I
Honors Algebra II and Trigonometry is an integrated course in which students will continue studying advanced algebraic concepts that will include the trigonometric functions and their identities. The purpose is to prepare students for advanced studies that will eventually lead to Calculus. Students will learn algebraic concepts, related problem-solving skills and real world applications of math that are aligned to state standards and eligible content for the Keystone Algebra II Exam. The course will include problem solving, reading, and test taking strategies. Topics include: operations with complex numbers; exponents; roots; absolute value; logarithms; rational and radical expressions; characteristics of quadratic and polynomial functions; solving nonlinear equations; exponential growth and decay; representing, analyzing and interpreting data; applying probability and odds; trigonometric functions; trigonometric identities and solving triangles. Students will be required to represent, analyze and interpret mathematical models verbally, numerically, graphically and algebraically.

2120X	**Pre Calculus**	**Grades 10-12**	**Credits 1**	**Reg**	**MC**

Prerequisites: Algebra II
In this Pre Calc course, students will review and expand a variety of mathematical disciplines. Topics include functions and their graphs, trigonometry, exponential and logarithmic functions. The emphasis will be on developing skills and confidence in mathematics and how these concepts are used in society.

`12120H	**Honors Pre Calculus**	**Grades 9-12**	**Credits 1**	**Hon**	**MC**

Prerequisites: H Algebra II w/ Trigonometry or Algebra II with a teacher recommendation.
This course is designed to give students the necessary background to succeed in calculus. Topics include: conic sections, complex number system, an in depth study of a variety of equations and functions, graphing and solving higher order equations, analytical aspects of trigonometry and transcendental functions, and calculus topics including limits, derivatives, and applications.

2123AP	**AP Pre Calculus**	**Grades 9-12**	**Credits 1**	**AP**	**MC**

Prerequisites: A or B in Honors Algebra II (or an A in Algebra II); Teacher Recommendation
AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

2121H	**Honors Calculus**	**Grades 10-12**	**Credits 1**	**Hon**	**MC**

Prerequisites: Intro to Calculus or Intro to Calculus w/Trig and teacher recommendation.
Topics include: functions (polynomial and transcendental), conic sections, limits, practical applications of the derivative, curve sketching, various techniques of integration, and finding areas under curves.

2124AB	**AP Calculus AB**	**Grades 10-12**	**Credits 1**	**AP**	**MC**

Prerequisites: "A" or "B" in Honors Pre Calculus (or an A in Pre Calculus) and Teacher Recommendation
AP Calculus AB focuses on students' understanding of calculus concepts and provides experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), the course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. The course features a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Students will regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results.

2125BC	**AP Calculus BC/ CHS Analytic Geometry & Calculus 2 (Dual Enrollment U Pitt)**	**Grades 11-12**	**Credits 1**	**AP/ DE CHS**	**MC**

Prerequisites: Successful Completion of Calculus AB or an "A" or "B" in Honors Calculus and Teacher Recommendation.
Calculus at the AP level is offered in two courses: AB and BC. Calculus BC is a full-year course in the calculus of functions of a single variable. It includes and is based upon all topics taught in Calculus AB plus the additional topics of parametric, polar, and vector functions; polynomial approximations; concept of series, including series of constants and Taylor series; analysis of planar curves with velocity and acceleration; applications of derivatives including Euler's method for numerical solutions of differential equations; and

differential equations. Students who successfully complete this course will also earn 4.0 college credits from the University of Pittsburgh.

2201X	**Statistics**	**Grades 10-12**	**Credits 1**	**Reg**	**MC**

In this course, students will learn introductory statistics concepts, related problem-solving skills and how statistics is applied in society. Students will learn introductory statistics concepts that will be further developed in college-level statistics courses. The course will integrate the use of technology and real world data sets in the learning of statistics. Included topics are: introduction to statistics; describing, exploring and comparing data; probability; probability distributions; normal probability distributions; estimates and sample size; hypothesis testing; inferences from two samples; correlation; and regression.

2201H	**Honors Statistics**	**Grades 10-12**	**Credits 1**	**Hon**	**MC**

In this course, students will learn statistics concepts, related problem-solving skills and how statistics is applied in society. Students will learn statistics concepts that will be further developed in college-level statistics courses. The course will integrate the use of technology and real world data sets in the learning of statistics. Included topics are: introduction to statistics; describing, exploring and comparing data; probability; probability distributions; normal probability distributions; estimates and sample size; hypothesis testing; inferences from two samples; correlation; and regression.

2203AP	**AP Statistics**	**Grades 9-12**	**Credits 1**	**AP**	**MC**

Prerequisites: "A" or "B" in H Algebra II/ Trig or "A" in Honors Geometry and Teacher Recommendation
This non-calculus based course introduces the student to the management, interpretation, and analysis of data, planning a study, how to measure data, producing models using probability and simulation, and applying techniques for statistical inference and confirming models. Students will prepare to take the AP Statistics Examination in May.

MAT 121	**Intro to Statistics (Dual Enrollment West Chester University Asynchronous)**	**Grades 11-12**	**Credits 1**	**DE**	**ME**

Prerequisites: "A" or "B" in H Algebra II/ Trig or "A" in Honors Geometry and Teacher Recommendation.
Students must meet dual enrollment requirements.
Introduction to statistics and statistical inference. Concepts include descriptive statistics, sampling distributions, confidence intervals, hypothesis testing, along with a formal introduction to linear regression and categorical data analysis. Statistical software including, but not limited to SPSS and Excel, will be used to facilitate the understanding of important statistical ideas and for the implementation of data analysis in many areas of application. We strongly encourage students to take the AP Statistics Exam in May.

02141	**Financial Algebra**	**Grades 11-12**	**Credits 1**	**Reg**	**MC**

A mathematics class that applies algebraic concepts to real world financial situations, covering topics like budgeting, banking, credit, loans, investments, taxes, insurance and retirement planning, allowing students to

develop practical skills for making informed financial decisions in their daily lives while utilizing mathematical tools like equations, graphs and functions.

2049	**Keystone Math Lab**	**Grades 9-11**	**Credits .5**	**Reg**	**ME**

Prerequisites: Algebra I
This semester course is designed as a remediation course for students who did not score proficient on their Keystone Algebra Exam. This course will provide students with testing strategies and a solid foundation of Algebra skills needed to be successful on the SAT, ACT, future Algebra-based courses and the Keystone Algebra exam. (Students in this course must retake the Keystone Exam)

Physical Education Department

Sun Valley's Physical Education curriculum is designed to provide experiences with respect to team and individual sports, cardio-vascular endurance, muscular strength and lifetime activities. Physical Education is a planned sequence of learning experiences intended to fulfill growth, development and behavioral needs of each student. Emphasis is placed on developing skills, strategies, performance and social interaction in physical activities which will prepare students for a better quality of life. The HPE Department strives to provide three activity options (team sport, individual sport and fitness) per class period dependent on class size and teacher availability. Students must complete 1 health course (0.5 cr) and 2 PE courses (totaling 1.0 cr).

Physical Education	**9**	**10**	**11**	**12**
Health & Wellness (.5)				
Core Physical Education (.5)				
Fitness For Life				
Lifetime Activities				
Team Sports				
Weight Training				
Peer Buddy Physical Education				
Physical Education Major				

08051	**Health & Wellness**	**Grades 9-10**	**Credits .5**	**Reg**	**H&PEC**

Health and Wellness is designed to provide students with knowledge and experiences to promote a healthy lifestyle. Information includes but is not limited to shaping personal values and beliefs that support healthy behaviors and creating norms that support a healthy lifestyle. In addition, emphasis will be placed on developing essential skills necessary to adopt, practice and fulfill the growth and healthy behavioral needs of each student. ***required**

8001	**Core Physical Education I**	**Grades 10-12**	**Credits .5**	**Reg**	**H&PEE**

Health & Physical Education, through a coeducational curriculum, provides opportunity for each student to become competent in various sports, games and life long activities. Fitness concepts are reinforced while participating in individual and team activities.

08052	**Fitness for Life**	**Grades 10-12**	**Credits .5**	**Reg**	**H&PEE**

Fit for Life is a course which will promote lifelong wellness utilizing various forms of physical activity and exercise. The forms of activity which will be utilized will focus specifically on improving cardiovascular endurance, flexibility, muscular strength and muscular endurance.

08016	**Lifetime Activities**	**Grades 10-12**	**Credits .5**	**Reg**	**H&PEE**

The Lifetime Activities course is designed to increase physical fitness through small group and individual lifetime activities. These activities will promote both team building and cooperative learning through group activities and initiatives. Non-traditional activities will provide instruction for motor skill development, cooperative learning, problem solving and promote lifelong fitness and wellness. Activities are selected to foster interest and appreciation in fitness and wellness throughout healthy life spans.

08002	**Team Sports**	**Grades 10-12**	**Credits .5**	**Reg**	**H&PEE**

The Team Sports course is designed to increase physical fitness through team/small group activities. Traditional sports will be reinforced with heavy emphasis on rules, strategies and cooperative skills. Activities will promote team building and cooperative learning through traditional sports and games. Class structure will be of a recreational nature with competition to be included within each unit.

08009	**Weight Training**	**Grades 10-12**	**Credits .5**	**Reg**	**H&PEE**

Weight Training is an introductory course designed to enable each student to improve muscular strength and endurance. Students will gain extensive knowledge of sound weight training theory and practice while developing a personalized weight training routine.

08008	**Peer Buddy Physical Education**	**Grades 10-12**	**Credits .5**	**Reg**	**H&PEE**

*Peer Buddy Students Only – Successful Recommendation into the Peer Buddy Program
This course is geared toward the special education students and the Peer Buddy Program. Students enrolled in this class will be assisted by a peer buddy who will be working on an assignment of a similar type.

This course is designed to focus on building the relationship between the special education student, his/her peer buddy, and inclusion within the regular education classroom, while providing a substantial physical education experience for these students.

08017	**Physical Education Major**	**Grade 12**	**Credits .5**	**Reg**	**H&PEE**

Prerequisites: Recommendation of Health & Physical Education teacher.
The PE Major is designed for seniors who have a strong competitive drive to perform at the highest level of Physical Education. Class activities have a strong emphasis on team and individual sports through a competitive tournament style structure. Activities will promote team building and cooperative learning through traditional sports and games. In addition, students will complete one to two community relations projects that revolve around the Department's curriculum.

Technology & STEM / STEAM Department

These courses are open to all students at the grade levels indicated. More detailed information on course selection is available with the guidance counselors. Be sure to consult with them if you are considering a career in STEM / STEAM.

Technology & STEM / STEAM Courses	**Which Graduation requirement will this course satisfy?**	**9**	**10**	**11**	**12**
AP Computer Science Principles/ CHS Introduction for Computing for the Humanities (Dual Enrollment U Pitt)	Mathematics Elective OR Science Elective				
Computer Science Essentials	Mathematics Elective OR Science Elective				
Technology Foundation (.5)	General Elective				
3-D Modeling and Printing (.5)	General Elective				
Video Production (.5)	General Elective				
Engineering Essentials I (.5)	General Elective				
Engineering Essentials II (.5)	General Elective				
Graphic Design (.5)	General Elective				
Introduction to Coding and Game Design (.5)	General Elective				

10156	**AP Computer Science Principles/CHS Introduction to Computing for the Humanities (Dual Enrollment U Pitt)**	**Grades 9-12**	**Credits 1**	**AP**	**ME, SE**

Prerequisites: Proficient score on at least one Keystone exam.
Open to all high school students, AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and apply computer science to solve problems through the development of algorithms and programs. This course introduces students to software engineering and object-oriented design while learning the Java programming language. The course allows students the opportunity to earn college credit by taking the advanced placement (AP) exam.

02156	**Computer Science Essentials**	**Grades 9-12**	**Credits 1**	**AP**	**ME, SE**

Computer Science Essentials (CSE) is designed to be a full-year course and is an excellent entry point for new high school computer science (CS) learners. Students who have prior CS experiences will find ample opportunity to expand upon those experiences in this course. All students who take CSE will have many opportunities for creative expression and exploration in topics of personal interest, whether it be through app development or connecting computing with the physical world.

PLTW CSE introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text-based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. The course engages students in computational thinking practices and collaboration strategies, as well as industry standard tools authentic to how computer science professionals work. Students will learn about professional opportunities in computer science and how computing can be an integral part of all careers today.

10003	**Technology Foundation**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

Students will work on small mini units of classes within our curriculum framework. This is designed to offer the students a chance to explore the various areas of technology and see what is right for them. Students will create electronic portfolios and track their accomplishments throughout their high school careers.

11159	**3-D Modeling and Printing**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This course introduces students to 3D modeling tools and concepts. Using Sketch-up and Blender, students learn the basics of creating shapes, adding textures and lighting, and rendering. By the end of the course, students produce a series of increasingly sophisticated projects for their 3D portfolio. This course is suitable for students with no prior experience in 3D design or digital media authoring tools.

011055	**Video Production**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This semester course will introduce students to the electronic media of communication through videography.Students will learn how to use the technological tools of video production, including digital video cameras and Adobe Final Cut Express editing software. Students will work in teams to complete a variety of video assignments, including public service announcements, music videos, news broadcasts, commercials, and marketing campaigns. Students who take this course should have an interest in digital technology and the ability to work well independently and in small groups.

02156EI	**Engineering Essentials I**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

In Engineering Essentials, students explore the work of engineers and their role in the design and development of solutions to real-world problems. The course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills through the use of a variety of engineering tools, such as geographic information systems (GIS), 3-D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical,

electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing.

Unit 1: Inclined to Design
Lesson 1.1 Engineers and Engineering
Lesson 1.2 Systems and the Engineering Design Process
Lesson 1.3 Product Design
Lesson 1.4 Natural Disaster Relief Center

Unit 2: Make it Move
Lesson 2.1 Statics
Lesson 2.2 Mechanical Advantage
Lesson 2.3 Mechanical Systems

02156EII	**Engineering Essentials II**	**Grades 10-12**	**Credits .5**	**Reg**	**GE**

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

Unit 3: Power it Up
Lesson 3.1 Energy Conversion
Lesson 3.2 Logic
Lesson 3.3 Electromechanical Systems

Unit 4: Make a Plan
Lesson 4.1 Urban Design
Lesson 4.2 Maps as Models
Lesson 4.3 The Sustainable Urban Environment
Lesson 4.4 A Better Place

11054GD	**Graphic Design**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

Students will learn the fundamental tools of image creation and editing, such as layers, selections, masks, and adjustments. They will then practice these skills by creating a wide variety of projects for both print and web applications, including advertisements, logos, magazine layouts, webpage layouts, product mock-ups, and many more.

10004	**Introduction To Coding and Game Design**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

Students will learn the fundamental concepts and terminology of video game development and develop skills in designing and writing simple computer programs. The course assumes no programming background and provides an overview of the software development process in addition to introducing important programming constructs and methodologies.

Business Department

Business courses are open to all students at the grade levels indicated. More detailed information on business course selection is available with the guidance counselors and business education teachers. Be sure to consult with them if you are considering business as a vocation.

Business Courses	9	10	11	12
Accounting I				
Accounting II				
Personal Finance				
Business Management				
UDEL College Entrepreneurship Experience (Dual Enrollment U Del)				
Business Law (.5)				
Sports and Entertainment Management (.5)				
Marketing & Sales (.5)				
Introduction to Business (.5)				
Introduction to Entrepreneurship (.5)				

12104	**Accounting I**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

This course exposes students to the world of financial accounting—the language of business. Students explore the make-up, in general, of sole proprietorships, partnerships, and corporations, and discover the importance of accounting activities. Students learn how to record daily business transactions that ultimately result in the preparation of key financial statements such as the balance sheet and the income statement. Century 21 accounting software is used to replicate “real world” accounting experiences. This course is beneficial to students who are interested in a business career and/or those students who want to prepare themselves to more effectively manage their future finances.

121042	**Accounting II**	**Grades 10-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: Successful completion of Accounting I.
This course exposes students to the world of financial accounting—the language of business. This course would follow Accounting I with a more advanced and in-depth emphasis on ledgers, journals and cash flow models. This course will also introduce managerial accounting concepts related to inventory control, pricing, and matching revenue with costs.

12103	**Personal Finance**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This course will prepare students with the skills required to make decisions, obtain a job, Explore different options for checking and saving accounts, manage their personal resources and apply academic skills to daily living experiences. Consumer education along with money management will also be covered.

04123	**Business Management**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

In this course students will oversee the operation of the School Store and have the opportunity to guide the overall direction of the Store (and the online store) throughout the year. This course emphasizes the skills needed for managing a business that involves the selection and supervision of employees including efficient use of time, personnel, facilities, and financial resources.Students will explore forms of business ownership; typical business organizational structure; product or service promotion in business; effective communications; human relations skills required in dealing with employees; and effective management strategies used in personnel, finance, production, marketing, and information processing.

ENTR 101-210(UDel)	**College Entrepreneurship Experience**	**Grades 10-12**	**Credits 1**	**DE**	**GE**

Prerequisites: Successful completion of Introduction to Entrepreneurship. (recommended)

Do you have an idea that would improve your community, change the world, disrupt the current marketplace? Do you wonder what it is like to start your own business and be your own boss? EntreX Lab provides a hands-on approach to learn the entrepreneurial skills of idea generation, creative problem solving, leadership, evidence-based decision making, resilience, teamwork, and persuasive communication. Through first-hand experience with the entrepreneurial process, students build the mindset needed to create, capture, and deliver value from new ideas in any sector. With opportunities to connect with like-minded peers across the state and throughout the world, this course serves as an empowering opportunity to turn ideas into action.
EntreX Lab is a unique dual enrollment course offered in partnership with University of Delaware's Horn Entrepreneurship. The course equips students to thrive amidst rapid change by cultivating agile thinking and developing creative problem-solving skill sets through hands-on experiences. Through immersive learning opportunities, students will work through the evidence-based entrepreneurship process by pursuing a novel idea for a new business or social venture. By the end of the course, students will showcase their ability to handle university-level coursework as well as gain a competitive edge for internships and future employment by acquiring direct experience in innovation and value creation. EntreX is available at the discounted tuition rate of $500 with additional scholarships available based on income eligibility. After successful completion of the course, students will earn 3 credits and can request an official transcript through the registrar's office.

12999X	**Business Law**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This is a demanding yet personally rewarding course that encompasses many interesting, relevant, and contemporary topics regarding law. The course commences with an overview of ethics, law and the judicial system. However, the main emphasis is placed on the many components of contract law. Course content includes sales and consumer protection, real property, insurance, and business organization.

12163	Sports & Entertainment Management	Grades 9-12	Credits .5	Reg	GE

This course is designed for students interested in a career within sport recreation, sports management and entertainment industry. Students will discover how organizations have turned single events into a multibillion dollar industry. Students will learn all aspects of management including marketing, law, finance and ethics.

12999	Marketing & Sales	Grades 9-12	Credits .5	Reg	GE

Marketing and Sales is designed to acquaint students with the fundamentals of marketing in a free enterprise system and a general knowledge of selling and sales related marketing activities. Topics covered include channels of distribution, career opportunities in merchandising, sales techniques and supporting activities to make selling effective.

12051	Introduction to Business	Grades 9-12	Credits .5	Reg	GE

This introductory course provides a sampling of business and financial systems utilized in the business world today. This survey style course will cover finance, economics, accounting, marketing, business law, entrepreneurship and management. Students will examine current issues, cases and components in the field of business.

12053A	Introduction to Entrepreneurship	Grades 9-12	Credits .5	Reg	GE

Students will learn how to develop a business plan, customer service skills, along with merchandising and buying inventory and pricing skills. Students will also be working with children with disabilities in running a school based store.

Art Department

The art courses at Sun Valley are designed for the student who enjoys art and is looking to expand their creative skills. Opportunities for developing creative and critical thinking skills, as well as practical skills in a wide variety of media are included in each course offering.

Art Courses	9	10	11	12
Art Foundations I (.5)				
Art Foundations II				
Art Foundations III				
AP Studio Art				
Peer Buddy Art (.5)				
Ceramics & Sculpture I .5				
Ceramics & Sculpture II				
Ceramics & Sculpture III / IV				
Photography I				
Photography II				
Photography III/IV				
Peer Buddy Photography (.5)				

59991	**Art Foundations I**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

Art 1 focuses on developing skills and techniques that will support creative art exploration. Students will have a lot of choice in their projects and this allows for creative expression.
In this beginning course, students learn to recognize the elements and principles of design and use them in a variety of art media and techniques. Students are provided with opportunities to work in the studio areas of drawing, painting, collage, mixed media, watercolor, and printmaking. The course includes the four problem-solving areas of art: art criticism, aesthetics, art history, and art production.

59991X	**Art Foundations II**	**Grades 10-12**	**Credits 1**	**Reg**	**GE**

Art 2 dives deeper into the studio habits of mind and creative choices in art practices. Students will explore all two dimensional media and techniques, with choices in subject matter and emphasis on problem solving. This course is intended to help students develop the skills learned in Art Foundations I and expand skills learned a

step further in terms of art production, art history, art criticism, and aesthetics. Students explore a variety of media, subject matter, techniques, and problem solving.

ARTFIII	Art Foundations III	Grades 11-12	Credits 1	Reg	GE

Prerequisites: A grade of "C" or better in Art I and Art II
Art 3 is a course designed for students who want to continue to study the arts without the pressure of the AP course. Students will be presented with artists, materials, and ideas but it is highly independent. This course is intended to help students develop the skills learned in Art Foundations II and expand skills in art production, art history, art criticism and aesthetics.

51711AP	AP Studio Art	Grades 11-12	Credits 1	Reg	GE

Prerequisites: Art teacher recommendation or an "A" in Art Foundations I or Art Foundations II

In order for all art students to reach their full potential as individuals, this course also requires students to participate in an admissions test. All interested students will receive an assignment to complete, and all submissions will be reviewed by the art department. Upon review, students will be placed in AP or Art III: Independent Study. In order for students to meet the high expectations of the art department, it is important that they are placed at a class level that will allow them to succeed.
AP Art is a college level art course for students who are interested in an intense amount of art production and meticulous development of portfolios. Students entering this course have a thorough background in formal design and study in art history, art criticism, and aesthetics. Students work diligently all year preparing a sustained investigation to be submitted to the AP College Board in May. Students must demonstrate both a variety of artworks and a themed body of artwork. This course requires commitment to hard work (both in and out of class) and frequent evaluation/critique of artworks with the teacher and with peers. Students explore a variety of media, subject matter, techniques, and problem solving.
Students choose between 2D or 3D. Their portfolio must involve purposeful decision-making about how to use the elements of design in an integrative way. Using the principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationships), artists organize the elements (line, shape, space, color, value, texture) on the picture plane to communicate content. Through their portfolio, each student's goal is to show mastery of composition, mastery of technique, mastery of different media, and mastery of concept. Equal weight is placed on the importance of quality and personal voice.

05201	Peer Buddy Assistive Art	Grades 9-12	Credits .5	Reg	GE

*Peer Buddy Students Only – Successful Recommendation into the Peer Buddy Program
This course is geared toward the special education students and the Peer Buddy Program. This course will introduce fundamental concepts of two dimensional and three dimensional art and design while using a variety of materials, processes, and tools. Students enrolled in this class will be assisted by a peer buddy who will be working on an assignment of a similar type.
Assignments will vary from drawing, painting, collage, small 3D construction, and assemblage. Students will explore and evaluate the four problem-solving areas of art: art criticism, aesthetics, art history, and art production. This course is designed to focus on building the relationship between the special education student, his/her peer buddy, and inclusion within the regular education classroom, while providing a substantial art experience for these students.

5158X	**Ceramics & Sculpture**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

The goals of this course are to understand art production in three dimensions, investigate three-dimensional media and techniques, and apply the elements of art and principles of design into three-dimensional art. With a focus on ceramics, students will explore various mediums in sculpture, assemblage, paper mache, and plaster. Projects will vary from sculpture, assemblage, paper mache, and ceramics. Students will explore and evaluate the history of three-dimensional objects in art. Students are required to keep current notes and worksheets in a binder, complete class assignments, and produce satisfactory three-dimensional artwork.

51582	**Ceramics & Sculpture II**	**Grades 10-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: A grade of "B" or better in Ceramics and Sculpture
Students taking Ceramics and Sculpture II will continue to develop hand building and sculpture skills as a means of solving visual arts problems and be introduced to wheel throwing techniques. Refinement of drawing techniques, alternate methods of surface decoration, and glazing provide the student with a greater number of design options. Historical and cultural studies will continue looking at both past and contemporary artists. Students selecting this course are required to have taken Ceramics and Sculpture I and earned a "B" or better.

13057	**Ceramics III/IV**	**Grades 11-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: A grade of "B" or better in Ceramics and Sculpture II
This course will focus on larger, more sustained ceramics handbuilding projects. Students will continue to build experience with the wheel thrown forms and explore new surface decoration techniques. This class is for students who have a strong interest in art and are considering creative opportunities in their future. Historical and cultural studies will continue looking at both past and contemporary artists. Level four students who have completed level three will commit to creating a portfolio for post high school. Students selecting this course are required to have taken Ceramics and Sculpture I & II and earned a "B" or better.

11052	**Photography I**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This photography course introduces students to the Elements of Art and Principles of Design needed for creating photographs: including basic layout and design, color theory, shape, form, and composition. This course will familiarize the student with digital and analog photographic process, equipment, software, materials, and methods through hands-on practice. Emphasis will be placed on the photographic image as a means of expression and the use of the camera to explore and discover the visual world. The history of photography will also be discussed. No experience is necessary.

11052X	**Photography II**	**Grades 10-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: Successful completion of Photography I.
Students in photography II will further explore photographic composition while advancing technical skills in the areas of learning the functions of Digital SLR cameras, studio lighting equipment, post- processing skills, alternative process photography and developing a concentration of work. Students are provided with opportunities to analyze their own work and their peers' work.

110523	**Photography III/IV**	**Grades 11-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: Successful completion of Photography I and II.

Photography III is offered to students who have successfully passed photography I and II. Students will work on photographic projects where they may explore personal, aesthetic or technical interests through the development of an individualized photographic series and advanced portfolio development. It is recommended that students in this course take the AP Exam when it is offered in May.

11050	**Peer Buddy Photography**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

*Peer Buddy Students Only – Successful Recommendation into the Peer Buddy Program
This course is geared toward the special education students and the Peer Buddy Program. This course will introduce fundamental concepts.

Family & Consumer Science Department

Family Consumer Sciences is the application of math, science and social skills in an occupational and personal setting. Students learn the value of consumer responsibility, personal financing and family skills in these rewarding classes.

Art Courses	9	10	11	12
Kitchen Science (.5)				
Contemporary Living				
Special Culinary Topics: Farm to Table				

22201	**Kitchen Science**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

Kitchen Science combines a practical food preparation course with a scientific base. With an emphasis on proper techniques, students will prepare dishes that range from basics to gourmet, including regional American and international specialties. Students will learn to appreciate diversity and celebrate cultural connections through foods while working in a collaborative format. They will also focus on nutrition, current research, career opportunities and business etiquette.

22201	**Contemporary Living & Child Development**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

Test drive life after high school! This course combines education, hands-on experiences and career preparation skills. You will begin a career, buy a house, care for a life-like computerized baby, learn successful financial strategies, cook healthy foods, create crafts and sewing projects, decorate your rooms and plan vacations. Future teachers in the class will have field experience at an elementary school. Guest speakers include chefs, financial experts, designers, and social workers. There is a fee for sewing projects.

22202	**Special Culinary Topics: Farm to Table**	**Grades 10-12**	**Credits .5**	**Reg**	**GE**

Prerequisite: Successful completion of Kitchen Science
An ever growing trend in restaurants is the use of local ingredients to create culinary masterpieces. This class will demonstrate how to create a meal, start to finish, using fresh, organic produce. Students will learn the value of local ingredients in proper nutrition and the local economy. In conjunction with a home-grown garden, students will design a menu, using the ingredients they harvest.

Music Department

Music is an essential part of life, integral in the development of the whole person and a vital component for the enhancement of society. A meaningful, sequential study of in music will promote creativity, interpreting works in the fine arts and cognitive growth experience.

Music Courses	9	10	11	12
Concert Choir				
Band/Choir				
Guitar (.5)				
Piano Keyboard (.5)				
Theater and Music Performance (.5)				
Digital Music (.5)				
Instrumental Woodwind & Brass Performance				
Instrumental Percussion				
Peer Buddy Assistive Music (.5)				

5110	**Concert Choir**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

Concert Choir is the general chorus with no audition required. Music written in parts will be rehearsed and sung. Further study of the voice, sight singing, and choral tone will be a daily part of this course. **Requirements for this course include hours outside of designated school hours. School events take precedence over non-school related events when conflicts arise.**

0501	**Band/Choir**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

The Band/Choir is a combination course meeting for a full year and designed to provide both band and choir.

5108	**Guitar**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This class emphasizes musical skills and techniques, which will be helpful to the beginning guitar player. In addition to basic music notation, this course focuses on reading music, understanding tablature, playing single note melodies, basic chord playing and various strumming patterns. Quality instruments are provided to each student to use during the class time.

The songs learned in class come from a large and varied selection of traditional, folk, oldies, rock and popular music. They highlight specific skills that are needed and applied across songs that increase in difficulty as the year progresses. Students should be able to play these songs for the entire family by the end of the year.

5107	**Piano Keyboard**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

Do you play the piano? Do you want to play the piano? Have you always wondered about getting started on piano? Time to sign up for Piano Keyboarding! The class will start with the basics. Eventually, students will work at their own pace to play all different songs. We will be looking at notes and chords, as well as proper technique to play the instrument. A history of the piano itself will be studied. Each student will play music on the computer. Students will learn the discipline and importance of practicing. You don't need a piano at home for this course, but if you do have one, dust it off, and let's get to work!

5053	**Theater and Music Performance**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

This course is great for actors, public speakers, singers, and musicians of all types. This course required actors and musicians to research, prepare, and perform music for their peers. Students are given the opportunity to issue feedback to each other to improve their performances. Students will study ways to enhance their stage presence, projection, diction, posture, and movement with regards to public performance. We will study production and design in regards to set building, lights, costuming, and other technical aspects of theatrical performances. This course focuses on the arts involved with the theater, music and public performance. Students will explore ways to relax and handle anxiety when performing in a safe, positive, and constructive setting. Students will perform a classroom-centered recital as the culmination of the class to showcase skills and understandings gained throughout this course.

5149	**Digital Music**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

Want to put music to film? Ever wondered how to assemble a good "beat" in a song? Are you curious about creating music on computers? Digital Music provides the opportunity for the up-and-coming musician to utilize computer music technology of the 21st century. This course will emphasize the use of computers in music, as well as recording. We will be using iTunes, GarageBand, Finale, Audacity and other music applications. Basic studies in acoustical physics, recording and diverse genres will also take place. Students will work on individual projects, and will learn self discipline in creating quality compositions.

5109W	**Instrumental Woodwind & Brass Performance**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

This course is for students who play a woodwind or brass instrument and wish to participate in the instrumental ensembles offered at the high school. The class rehearses during the school day with woodwinds and brass only, focusing on proper technique, balance, blend and timing as it pertains to them as a wind player. The class provides a concentrated approach to advanced techniques on their individual instruments. Students will rehearse individual lessons, chamber music, as well as traditional concert band literature.

Enrollment in this class is required for participation in ALL instrumental ensembles (i.e. Concert Band, Marching Band and Jazz Band) Requirements for this course include hours outside the designated school hours. School events take precedence over non-school related events when conflicts arise.

5109P	**Instrumental Percussion**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

This course is for students who play percussion and wish to participate in the instrumental ensembles offered at the high school. The class rehearses during the school day with percussionists only, focusing on proper technique, balance, blend and timing as it pertains to them as a percussionist. The class provides a concentrated approach to advanced techniques on their individual instruments. Students will focus on percussion ensemble literature as well as traditional concert band literature.

Enrollment in this class is required for participation in ALL instrumental ensembles (i.e. Concert Band, Marching Band and Jazz Band) Requirements for this course include hours outside of designated school hours. School events take precedence over non-school related events when conflicts arise.

110501	**Peer Buddy Assistive Music**	**Grades 9-12**	**Credits .5**	**Reg**	**GE**

*Peer Buddy Students Only – Successful Recommendation into the Peer Buddy Program
This course is geared toward the special education students and the Peer Buddy Program. This course will introduce fundamental concepts.

World Languages Department

The World Language Department challenges students to develop an appreciation for world languages, cultures and global interdependence. By learning to communicate in other languages, students improve their command of English, become more aware of their culture and learn that language is a partner to any career.

World Language Courses	9	10	11	12
Spanish I				
Spanish II				
Honors Spanish III				
Honors Spanish IV				
Honors Spanish V				
French I				
French II				
Honors French III				
Honors French IV				
Italian I				

6101X	Spanish I	Grades 9-12	Credits 1	Reg	GE

Our course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities and lessons include ACTFL Can-Do Benchmarks. Various resources will be used including Comprehensible Input units as well as textbook units. By the end of this course students will be able to meet the Novice-Low to Novice-Mid level of proficiency across the four domains of reading, writing, speaking and listening.

In this course, students will be able to greet others and engage in basic conversations, describe themselves and others, express likes and dislikes and talk about their families, food and everyday life all in the Present Tense.

Students will:

- Engage in Comprehensible Input storytelling activities
- Watch videos of native speakers
- Listen to music and other authentic speech recordings to analyze and extract information
- Produce writing appropriate to various tasks and purposes
- Record speech samples on Flip Grid and/or role play situations with teacher/student in the target language
- Read short texts and short novels

6102X	Spanish II	Grades 9-12	Credits 1	Reg	GE

Prerequisites: Spanish I
Our course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities and lessons include ACTFL Can-Do Benchmarks. By the end of this course students will be able to meet the Novice-Mid to Novice-High level of proficiency across the four domains of reading, writing, speaking and listening.
In this course, students will be able to talk about their daily routines, travel, vacations, pastimes and shopping both in the Present and Past Tenses.
Students will:

- Engage in Comprehensible Input storytelling activities
- Listen to music and other authentic speech recordings to analyze and extract information
- Produce writing appropriate to various tasks and purposes
- Record speech samples and participate in presentational speaking activities
- Read short texts and leveled readers

6103H	**Honors Spanish III**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: Spanish II
Our course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities and lessons include ACTFL Can-Do Benchmarks. By the end of this course students will be able to meet the Novice-High to Intermediate Low level of proficiency across the four domains of reading, writing, speaking and listening. This course focuses on discourse and use of present, past and future tenses.
In this course, students will

- Engage in Comprehensible Input storytelling activities
- Listen to music and speech to analyze and extract information
- Produce writing appropriate to various tasks and purposes
- Record speech samples and participate in presentational speaking activities
- Read short texts and leveled readers

6104H	**Honors Spanish IV**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: Spanish III
Our course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities and lessons include ACTFL Can-Do Benchmarks.
By the end of this course students will be able to meet the Novice-High to Intermediate Low level of proficiency across the four domains of reading, writing, speaking and listening. This course focuses on discourse and use of present, past and future tenses, along with the Subjunctive Mood.
IIn this course, students will

- Engage in Comprehensible Input storytelling activities
- Participate in collaborative discussions
- Listen to music and speech to analyze and extract information
- Produce writing appropriate to various tasks and purposes
- Record speech samples and participate in presentational speaking activities
- Read and analyze short texts, works of literature and short novels.

6105H	**Honors Spanish V**	**Grades 9-12**	**Credits 1**	**Reg**	**GE**

Prerequisites: Honors Spanish IV and teacher recommendation.
This course follows the 6 themes of Family and Communities, Science and Technology, Beauty and Aesthetics,

Identity, Global Challenges and Friendships and Relationships. By the end of this course students will be able to meet the Intermediate Low to Intermediate Mid level of proficiency across the four domains of reading, writing, speaking and listening.
In this course, students will

- Engage in both interpersonal and presentational communication activities
- Listen to music and speech to analyze and extract information
- Produce writing appropriate to various tasks and purposes
- Read and analyze short texts, works of literature and poetry
- Interpret language from popular movies and short films
- Produce both interpersonal and presentational writing samples

6121X	French I	Grades 9-12	Credits 1	Reg	GE

The focus of French I you will be focused on the four major areas of proficiency: Reading, Writing, Speaking and Listening.
The course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities.
Various resources will be used including Comprehensible Input storytelling units as well as textbook units. Lessons will include ACTFL can do benchmarks for students to work towards proficiency in each unit. By the end of this course, students will be able to be rated novice-mid to novice-high level of proficiency.
In this course, students will be able to greet others and engage in basic conversations, describe themselves and others, express likes and dislikes and talk about their families, school, food and everyday life all in the Present Tense.

Students will be expected to:

- Watch and understand videos of native speakers
- Listen to music and speech to analyze and extract information.
- Produce writing samples such as letters, emails, descriptions, and short stories.
- Record speech samples and videos on Schoology
- Read short texts

6122X	French II	Grades 9-12	Credits 1	Reg	GE

Prerequisites: French I
This course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities.
Various resources will be used including Comprehensible Input storytelling units as well as textbook units. Lessons will include ACTFL can do benchmarks for students to work towards proficiency in each unit. By the end of this course, students will be able to be rated novice -high to intermediate-low level of proficiency.
In this course, students will be able to talk about wellness, their daily routines, their youth, chores, holidays, travel, pastimes and shopping both in the Present and Past Tenses.
IN THIS COURSE, YOU WILL

- Watch and understand videos of native speakers
- Listen to music and speech to analyze and extract information
- Produce writing pieces such as letters, stories and accounts of past events, emails and critiques.
- Record speech samples on Schoology
- Read short texts and short novel

6123H	Honors French III	Grades 11-12	Credits 1	Reg	GE

Prerequisites: French II
The focus will be on the four major areas of proficiency: Reading, Writing, Speaking and Listening.
This course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities.
Various resources will be used including Comprehensible Input storytelling units as well as textbook units.
Lessons will include ACTFL can do benchmarks for students to work towards proficiency in each unit. By the end of this course, students will be able to be rated intermediate-low to intermediate-mid level of proficiency.
In this course, students will be able to talk about travel, outdoor activities, vacations, pastimes, work, nature, and shopping in the present, passé composé, imparfait, the future and conditional tenses.
In this course, students will:

- Watch videos of native speakers
- Participate in collaborative discussions
- Listen to music and speech to analyze and extract information
- Produce writing samples such as stories, fables, a CV, cover letters, and critiques
- Record speech samples and poetry on Schoology
- Read short stories, novels, articles, and poems

6124H	Honors French IV	Grades 12	Credits 1	Reg	GE

Prerequisites: French III
Our course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities and lessons include ACTFL Can-Do Benchmarks.
By the end of this course students will be able to meet the intermediate-mid to Intermediate-High level of proficiency across the four domains of reading, writing, speaking and listening.
Various resources will be used including Comprehensible Input storytelling units as well as textbook units. Students will also study film clips, novels, poetry, news broadcasts and podcasts, newspaper and magazine articles.
This course focuses on discourse and use of present, past and future tenses, along with the Subjunctive Mood, and compound tenses such as the plus-que-parfait, the conditional past, and the futur antérieur.
In this course, students will

- Engage in Comprehensible Input storytelling activities
- Participate in collaborative discussions
- Listen to music and speech to analyze and extract information
- Produce writing pieces such informative news pieces, persuasive essays, critiques, and exposés
- Record speech samples and participate in presentational speaking activities.
- Read and analyze short texts, works of literature, and short novels.
- Watch videos of native speakers

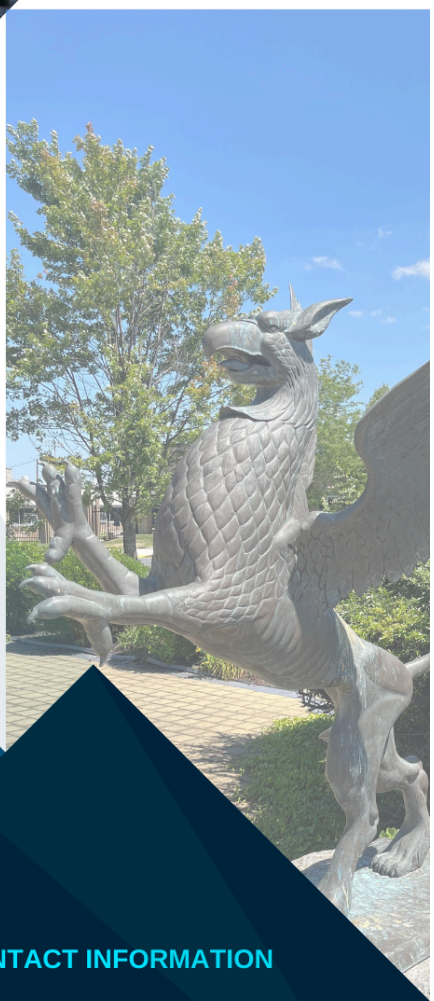
6141X	Italian	Grades 10-12	Credits .5	Reg	GE

Prerequisites: Completion of 2 years of another foreign language
Our course follows the 5 C's of language learning: Communication, Connections, Comparisons, Culture, Communities. Various resources will be used including Comprehensible Input units as well as textbook units.
By the end of this course students will be able to meet the Novice-Low to Novice-Mid level of proficiency across the four domains of reading, writing, speaking and listening.

In this course, students will learn how to greet others and engage in basic conversations, describe themselves and others, express likes and dislikes and talk about their families, food and everyday life all in the Present Tense.
Students will:

- Engage in Comprehensible Input storytelling activities
- Watch videos of native speakers
- Listen to music and other authentic speech recordings to analyze and extract information
- Produce writing appropriate to various tasks and purposes
- Record speech samples on Flip Grid and/or role play situations with teacher/student in the target language
- Read short texts and short novels

SUN VALLEY HIGH SCHOOL 2024-2025 COURSE SELECTION GUIDE



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