

North Thurston High School



COURSE CATALOG 2025 – 2026

INTRODUCTION

The North Thurston High School Course Catalog is designed as a reference for students and parents. Use it as a guide and as a workbook for the entire 2025 – 2026 school year. Start with the graduation requirements then move to the four-year plan for your graduating class. Read the course descriptions to help you select courses. Work on this as a family, recording course and credit information, for the semesters you have completed, and future planning. Now is the time to start thinking about life after high school, careers, and post-high school education options. If you need help checking your graduation status, see page 8 & 9 for a helpful tool.

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DEFINITIONS AND ADDITIONAL INFORMATION

Advanced Placement (AP)

AP courses follow a national curriculum and culminate in a national College Board AP exam. Many colleges and universities award college credit or course placement for students who earn successful scores on AP exams. All students who plan to attend college are encouraged to enroll in one or more AP classes while at NTHS.

College Academic Distribution Requirements (CADRs)

College Academic Distribution Requirements are the minimum college admissions standards for Washington State Public 4-year colleges and universities (Baccalaureate Institutions).

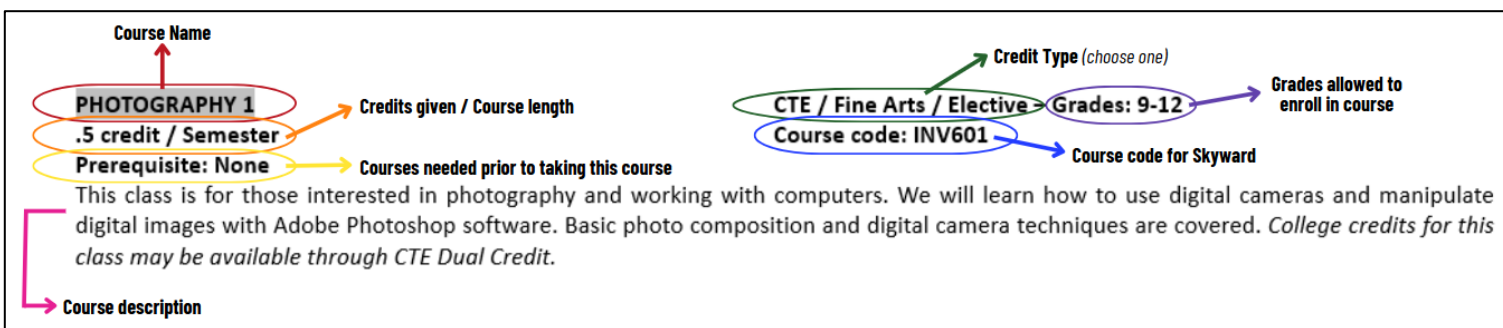
College in the High School (CiHS)

College in the High School is a way for juniors and seniors to earn college credit and fulfill their high school graduation requirements, all while staying at their high school. Staff are adjunct faculty for the college/university. Students receive official college transcripts. College credit can be transferred to any college in the state, and most out-of-state colleges also accept this credit.

College Entrance Exams/Requirements

The Scholastic Aptitude Test (SAT) or the American College Test (ACT) may be required for students who plan to apply to four-year colleges. Most four-year colleges have similar entrance requirements. Students and parents should review individual college requirements carefully, available online at each college website. Counselors have information regarding minimum standards for specific CADRs to public baccalaureate colleges and universities in Washington State.

Course Information



Credit

A .5 credit is earned for each course a student successfully completes each semester. A student can earn 1.0 credit after successful completion of a year-long course. Students are required to earn a total of 24 credits in specific subject areas to graduate (see page 8).

Credit Retrieval Programs

Students who have failed a class and need to retrieve credit should see their counselor for more information on options. Options currently available:

- NTPS Summer School
- Before or After school TA
- New Market Skill Center Summer School (may include material fees)
- Worksite Learning
- APEX Program (online class)

**** The APEX program is designed to help students complete high school credits. Seniors have priority.** Students with an IEP, who need additional credits, should contact their teacher manager for information about making up credits. Upon entrance to the program, a student will work on one subject at a time. *This is in addition to the regular school day.* Students will receive a grade and .5 credits per course. Failure to live up to the terms of their contract will result in termination from the program with an **F**. Please see your counselor if you have questions.

Cross Crediting / Equivalency Credit

Some courses may count toward graduation requirements in more than one category. See page 54 for a list of cross-credit options.

Dual Credit

Dual credit may be attained through selected CTE courses, College in the High School courses, and AP classes, if the student meets the appropriate prerequisites. Courses which qualify for dual credit are identified in the course description. For more information, ask any Career and Technical Education teacher, or your counselor.

Electives

Courses chosen above and beyond minimum subject requirements.

High School and Beyond Plan

This is a State High School Graduation requirement, and it will be completed through Advisory. This requirement includes A portfolio highlighting student best works, goals, and post high school plans; 20 hours of community involvement/job shadow; and a final student-led conference in the senior year (See page 10).

Honors Designation at Graduation

The specific grade point averages needed to earn an honors designation at graduation are as follows:

Honors: 3.250 – 3.499 High Honors: 3.50 – 3.749 Highest Honors: 3.750 – 4.0

**Honors designation is based on the students GPA at the end of 1st semester of their senior/graduation year.*

Late Enrollment

Students enrolling in a course prior to the 20th day of classes will be able to earn full semester credit (.5 credits). After 20 days students will only be eligible for .25 credit.

NCAA College Athletic Eligibility

The NCAA certified athletic eligibility (GPA, SAT scores, coursework) for Division I and II athletes. If a student is considering participation in college sports, it is recommended that potential college athletes contact the NCAA beginning in grade 9. You can work with your school counselor around these requirements as well.

NCAA Eligibility Center

PO Box 7136

Indianapolis, IN 46207

877-262-1492

<https://web3.ncaa.org/ecwr3/>

NTHS Counselors

A – Da	Karyn Gunderson	kgunderson@nthurston.k12.wa.us
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NTHS Graduation Checklist

A planning sheet for students and their parents to develop educational goals, record completed courses, chart progress on graduation and university requirements, and plan for the year following graduation. See page 8-9 for more information.

PE Waivers

All students are expected to participate in PE. NTHS provides a variety of PE classes intended to meet the needs of a wide range of students; however, there are circumstances when PE may be waived.

To qualify for a PE waiver, a student must:

- Have a note from their doctor excusing them from all PE activity.
- or*
- Be in their junior or senior year of high school.
- Be enrolled in school full time (no early release, late arrival, TAs, or other free periods).
- Have a legitimate reason for being unable to take a PE class.

To apply for a PE waiver, the student must first meet with their Counselor to present a valid reason for requesting the PE waiver and they must provide a complete list of courses they have taken and will be taking throughout high school, including the course(s) they wish to take instead of PE. Once the waiver form is filled out in full, it must be turned into the student's Counselor for a signature. The form is then forwarded to an administrator who will review each request. If the administrator believes a waiver is justified, approval will be given for the student to access the appropriate assessment. There will be three assessments available: one for each .5 credit waiver attempted. The first two assessments will be multiple choice and the third assessment will involve the development of a fitness plan. Students will be provided with a study guide and will be given a deadline to complete the assessment(s). Once the student completes an assessment, if the score received is within passing range, the waiver will be granted, and the waiver will be posted on the student's transcript.

Personalized Pathway Requirement

Pathway is chosen by student based on interests and their High School and Beyond Plan. The Personalized Pathway requirements are courses that lead to a specific post-High School career or educational outcome.

Prerequisite

This is a course that needs to be successfully completed before taking another course. Example: To take Advanced Auto Service, students must have completed the prerequisite course, Intermediate Auto.

PSAT/SAT

The PSAT is a preliminary test to the SAT. It is taken by juniors in the fall at each high school and is paid for by the district. The PSAT helps students understand their college potential and may assist with plans for college and other schooling. The test is also used to qualify juniors for the National Merit Scholarship.

Running Start

Running Start provides an opportunity for juniors and seniors to take community and technical college classes that also meet high school graduation requirements. The college classes are offered tuition-free unless a student chooses an overload schedule. Students will receive both high school credits and college credits. Courses can be taken on a full-time or part-time basis. Five credit classes at a community college are equivalent to 1.0 high school credit. College credits may be eligible for transfer to other colleges. To be eligible for Running Start, students must first meet the entrance requirements of the community or technical college that they choose to attend. Students are responsible for attendance, transportation, books, and fees. Anyone interested in the Running Start Program should contact their counselor in the spring of their sophomore year.

State Assessments

Washington State High School Standardized tests are given in English, Math, and Science. Please refer to the OSPI's website for more details on State Assessment requirements: www.k12.wa.us/student-success/testing/state-testing.

Teacher Placement

Students are placed in these classes by teachers to meet graduation requirements, IEPs, etc.

Teacher Recommendation

A student must have a teacher recommendation to take certain courses.

Transcript

A high school transcript is an official document that details a student's complete academic record throughout their high school years, including every class they took, the grades they received in each class, and their overall grade point average (GPA), essentially serving as a comprehensive overview of their academic performance.

Transcript Requests

All transcripts are processed online through a company called PARCHMENT. If you need your transcripts for a scholarship, college, work etc. please go to the [Parchment website](#) found on the NTHS website under Quick links. You will need to set up your own account to receive your official and/or unofficial transcript. We are no longer able to provide students with transcripts at the school. ***You must request your own transcripts through Parchment, it is not done for you.***

If you have questions, please contact Mrs. Wright in Student Services: jwright@nthurston.k12.wa.us

Transfer Requirements

The State of Washington requires school districts to develop policies and procedures that provide parents/guardians with the opportunity to request schools other than the resident attendance area school.

North Thurston Public Schools complies with State law (RCW 28A-225,220,230,290,300 and WAC 392-137-040) which enable students the transfer options denoted below:

- Enrolling in the North Thurston Public Schools while residing in another school district.
- Enrolling in another district while residing in North Thurston Public Schools.
- Enrolling in a school within the school district boundaries but outside the residence area.

Both non-resident (inter-district) and resident transfer (intra-district) requests are subject to space availability and district regulations. When space is available, such requests will be granted if determined to be in the best interest of the student. Each application will be considered on an individual basis. A decision to deny or conditionally accept a transfer request will be communicated in writing to the parent/guardian according to district timelines.

GRADING POLICIES

The State of Washington has defined the following letter grades and point values to be used for reporting academic achievement on state transcripts for all grades:

A = 4.0 **A-** = 3.7 **B+** = 3.3 **B** = 3.0 **B-** = 2.7 **C+** = 2.3 **C** = 2.0 **C-** = 1.7 **D+** = 1.3 **D** = 1.0 **F** = 0.0

P (pass) and **NC** (no credit) may also be used but will not count towards GPA calculation.

P/F (pass/fail), **W** (withdrawal) or **NC** (no credit) requires a collaborative decision between counselor and teacher.

Repeating a Course to IMPROVE a Grade

Credits are awarded at the end of each semester for classes completed with passing grades. Credits attempted for courses taken more than once to improve a grade/mark may count only once toward the number of credits required for graduation. Credits attempted for courses taken more than once to improve a grade may count toward the number of credits required for graduation on the condition that the letter grades earned for all attempts are included in the calculation of the student's grade point average. To make a grade change, a student must submit a written request to the Registrar in the Counseling Center. *WAC 392-415-055*

Repeating a Course for CONTINUED Study

Students may choose to repeat a course to increase their knowledge in a particular area of study. This would apply to subject areas such as Art, Music, Fitness and CTE. A list of courses that may be repeated for additional credits is on page 12. Instructor permission is required.

NTHS Policy for Dropping a Class

Students may request to drop a class within the first 5 days of the semester. After the 5th day, students may only drop a class with administrator, teacher, counselor, and parent permission. Students who drop a class after the first 10 days of the semester, will drop with an "F" grade and loss of credit in the class. Students are then assigned to the detention center to be used as a study hall (for no credit) for the remainder of the semester for that period. Drops, at this time also require administrative approval.

Students who need to drop a class due to medical reasons, as verified by a medical professional, may do so. Students need to work with their counselor if applicable.

Students who receive services through Special Education and English Language Learner programs may drop a class, without penalty, if a change of placement is being made by their teacher manager. This change requires counselor/school psychologist approval.

Academically misplaced students must have teacher recommendation to drop a class. Students need to work with their counselor to enroll in the recommended class. After the first 10 days, this change also requires administrative approval.

HOW DO I CALCULATE MY GPA?

Each grade is given the following **point values** (called “GPA Points” on transcript):

A = 4.0	B+ = 3.3	C+ = 2.3	D+ = 1.3	NC = 0.0 (<i>not used in GPA calculation</i>)
A- = 3.7	B = 3.0	C = 2.0	D = 1.0	W = 0.0
	B- = 2.7	C- = 1.7	F = 0.0	

Each course is worth a specific **number of units**. Most courses are 1.0 units per a year-long course. Semester courses are worth .5 units.

Step 1: Take the grade you received in your classes and multiply them by the number of units assigned to each course.

Step 2: Add units attempted. In this case = 5.0

Step 3: Add grade points. In this case = 14.3

Step 4: GPA = $\frac{\text{Total Grade Points}}{\text{Units Attempted}} = \frac{14.3}{5.0} = 2.86$

Example:

Course	Grade	Value	Units Attempted	Total Grade Points
English	B+	(3.3)	1.0	3.3
Geometry	A	(4.0)	1.0	4.0
Spanish	C	(2.0)	1.0	2.0
Biology	C+	(2.3)	1.0	2.3
PE	B-	(2.7)	1.0	2.7
Total			5.0	14.3

How Do I Project My GPA?

Example:

- Student’s current GPA = 1.94
- Student’s current total units attempted (past and present) = 18.0
- Student is taking 3.0 units this semester
- Add the 3.0 units to the 18.0 units = 21
- Student’s current grade points = 67.7
- The student’s projected grades in each class: “B” (3), “C” (2), “A” (4), “D” (1).
- The total grade points will be 10. Add this to the current 67.7 grade points for a total of 77.7.
- The projected GPA will be: $\frac{77.7}{21} = 3.7$ GPA

Secondary Four-Point Grading Scale

4 Advanced	Student has met the learning target AND more (this <i>more</i> is situation-specific, but examples and guidance are clearly given by the teacher).
3 Proficient	Student has met the learning target.
2 Developing	Student is close to meeting the learning target. Can do so with support.
1 Beginning	Student has not yet met the learning target, but shows some understanding related to the learning target.
0 No Evidence	Student has not provided evidence of progress toward meeting the learning target. Reasons could include: missing work, absence, refusal to engage, or just way off on the attempt.

GUARANTEED ADMISSIONS PROGRAM

North Thurston Public Schools is partnering with Washington's public four-year colleges and some private universities to support the college and career goals of Washington's students. Our focus is on expanding access for students who wish to attend college. Many of Washington's baccalaureate institutions offer guaranteed admissions for students who meet set criteria.

Washington Guaranteed Admissions Program

The Guaranteed Admissions Program supports direct admissions efforts at [Central Washington University](#), [Eastern Washington University](#), [The Evergreen State College](#), [Pacific Lutheran University](#), [Saint Martin's University](#), [Western Washington University](#) and [Washington State University](#).

All guaranteed admissions require a student to meet two criteria to be eligible:

1. A minimum GPA or minimum GPA/class ranking, and;
2. Completion of the College Academic Distribution Requirements (CADRs).

- ◆ **CWU** – GPA 3.0 and CADRs completion
- ◆ **EWU** – GPA 3.0 and CADRs completion
- ◆ **Evergreen** – GPA 2.5 and CADRs completion
- ◆ **PLU** – GPA 3.3 and CADRs completion
- ◆ **SMU** – GPA 3.3 and CADRs completion
- ◆ **WWU** – GPA 3.0 and CADRs completion
- ◆ **WSU** – GPA 3.0 and CADRs completion

If a student meets the criteria or is on track to meet the criteria by high school completion, he/she/they are guaranteed admission to the institution. Students eligible for guaranteed admission must complete an admissions application and additional requirements by the institution.

How Students Can Participate in the Guaranteed Admission Program

To participate in the Guaranteed Admissions with the baccalaureate institutions identified above, please log into your Family Access (under online forms) and electronically sign the Guaranteed Admissions consent form or see your student's high school counseling center for a paper consent form. Link to the district site: <https://www.nthurston.k12.wa.us/Domain/4600>

Student Information to be shared with Washington Baccalaureate Institutions:

- First Name
- Last Name
- Date of Birth
- Email(s) on record (to reach out to students about the opportunity)
- Unweighted GPA
- Transcripts
- Course taking details (e.g. honors, dual credit)
- Race and ethnicity

Do students still need to apply to the institution once accepted?

YES, students interested in attending must still complete an application for admission once notified of their guaranteed admissions status. There may be further requirements from the institution regarding admissions, and students should continue to engage in challenging high school coursework and maintain their high school GPA during their senior year.

Questions?

Contact your School Counselor or the College & Career Center Specialist.

GRADUATION PATHWAYS QUICK REFERENCE

Every student must meet the state Graduation Pathway requirement for English Language Arts (ELA) and Math. Most students meet this requirement through SBA testing in Spring of 10th grade; however, there are multiple pathway options that align with student's post high school plans.

Most pathway options can be combined (example: pass SBA state test to meet ELA Graduation Pathway and take transitions class to meet Math Graduation Pathway). Completing a CTE Course Sequence or earning determined ASVAB score meet both ELA and Math Graduation Pathway requirements.

CTE Sequence Graduation Pathway

- ✓ Complete a Core Plus program (Manufacturing, Construction, and Maritime available)
- ✓ Complete 2.0 credit sequence of state approved CTE courses that includes ability to earn dual credit and/or provides access to or leads to an industry recognized credential in a single CTE program area (state and local approval required for multiple CTE program areas).
- ✓ Complete 2.0 credits earned through Running Start Vocational coursework in approved Professional-Technical/Workforce courses

ASVAB Graduation Pathway

- ✓ 2025 AFQT Section Score = 31 (check [State Board of Education website](#) by 9/1 annually)

Math and English Language Arts (ELA) Graduation Pathways

Can use any combination of the ELA and math options listed in this section

- ✓ College Admissions Exams (ACT/SAT)

Exa m	ELA	Ma t h
ACT	N/A	16
ACT with Writing	14	16
SAT or SAT with Essay	410	430

- ✓ Dual credit courses (1.0 credit total each for math and/or ELA)
 - AP/IB/Cambridge: Earn a C+ or higher in each term of a [state-approved course](#)
 - CTE Dual Credit (must earn at least high school credit)
 - College in the High School or Running Start (local approval of course options)
- ✓ Dual credit exams (for applicable state-approved courses in math and/or ELA)
 - Advanced Placement = 3 or higher exam score
 - Cambridge International = E or higher exam score
 - International Baccalaureate = 4 or higher exam score
- ✓ Performance-based learning
 - Districts must adopt a local policy before offering this option
 - Visit the [State Board of Education website](#) for information, guidance, and tools
- ✓ State-level assessments (SBA and WA-AIM)
 - SBA: ELA = 2548; math = 2595
 - WA-AIM: ELA = 104; math = 103
- ✓ Transition courses (1.0 credit total for math and/or ELA course over one school year)
 - Bridge to College courses (approved by state)
 - Locally articulation agreements between districts and sponsoring colleges

For questions, email OSPI staff at graduation.pathways@k12.wa.us or maria.muto@k12.wa.us

Course offerings vary by district/high school and must go through the state approval process to meet the Graduation Pathway Requirement. Pathway options are determined at the state level and subject to change from OSPI. For information and questions specific to NTHS, please talk to your School Counselor.

<https://ospi.k12.wa.us/student-success/graduation/graduation-pathways>



NTPS HIGH SCHOOL GRADUATION CHECKLIST

Class of 2025 and Beyond

Name:	Class of:
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Subject	# of Credits	Additional Information	Check When Complete (one square = .5 Credit)									
English	4											
Math	3	Algebra 1, Geometry, a 3 rd credit of math ¹										
Science	3	At least two lab sciences and a 3 rd credit of science ¹										
Contemporary World Issues	.5											
World Studies 1-2	1											
US History	1											
Civics/Government	.5											
World Language	2	1.0 or 2.0 credits of World Language can be used as part of the student's Personalized Pathway ²										
Fine, Visual or Performing Arts	2	1.0 credit of Art can be used as part of the student's Personalized Pathway ²										
Career & Technical Education (CTE)	1	May be a course that meets the definition of an exploratory course as described in the CTE program standards in RCW 28A.700.010										
Health	.5											
Fitness	1.5											
Electives	4											

24 CREDITS REQUIRED

WA State History ☐

High School and Beyond Plan ☐

Graduation Pathway

	SBA	SAT/ACT	AP Exam	Dual Credit Course	Transition Course	ASVAB	CTE Sequence
ELA							
Math							

¹ The 3rd credit of math and the 3rd credit of science are chosen by the student, based on the student's interest and HSBP, and approved by the parent/guardian. If the parent/guardian is unavailable, or does not indicate a preference, the school counselor or principal can approve the student's academic plan per [WAC 180-51-068](#).

² Personalized Pathway Requirement courses lead to a specific post-high school career or educational outcome chosen by students based on their interests and HSBP. The flexibility of these 3.0 credits provides students an opportunity to include career and technical education courses and is intended to allow for a personalized focus for the student's learning.

Name:		Grad. Year:	
COURSE PLAN FOR GRADUATION			
GRADE 9		GRADE 10	
Semester 1	Semester 2	Semester 1	Semester 2
GRADE 11		GRADE 12	
Semester 1	Semester 2	Semester 1	Semester 2

Comments:

How to complete:

- Use this form to track the credits you have earned and those still needed for graduation.
- Each box is equal to .5 (one semester) because final semester grades are posted to your transcript.
- Example: if you pass a full year of English in 9th grade, you mark two boxes.
- # of credits column = the number needed for graduation for each department.
- We encourage you to keep one of these checklists and update it at the end of each semester.
- Additional requirements that are not classes = WA State History, High School and Beyond Plan, and Graduation Pathway.
- You can get more information on all requirements by meeting with your counselor.

WHAT IS THE HIGH SCHOOL AND BEYOND PLAN?

The **High School and Beyond Plan** is a graduation requirement for all North Thurston Public Schools. It is also a state requirement to earn a high school diploma. This plan supports students in exploring their interests, planning high school coursework that is aligned with those interests, keeping track of major assessment scores, and logging work and other relevant experience. The plan is designed to enable students to successfully pursue education or training after they graduate high school.

REQUIREMENTS:

- Identify career goals, aided by a skills and career interest assessment.
- Identify educational goals.
- Four-year plan that fulfills state and local graduation requirements and aligns with the student's career and educational goals and individualized Personalized Pathway for the student.
- Completed resume by end of 12th grade.
- For students who have not met standard on the state assessment, interventions, and/or academic support courses that enable the student to meet the high school graduation requirements, must be a part of the plan.
- The plan must be updated to reflect assessment results, student progress, changing student interest, goals, and/or needs.
- 20 Hours of community involvement.

Your culminating project has three required components: a portfolio, a presentation and community involvement.

PORTFOLIO:

Your portfolio contains documents demonstrating your proficiency in essential skills. You may add work to your portfolio beginning in the 9th grade. Your portfolio should also contain work from your senior year. When a teacher feels you have done coursework that qualifies as one of your "Best Works," he or she will mark it as such and recommend you include that in your portfolio. You will learn and work on your portfolio in your advisory class. Your advisor will tell you how to complete your portfolio requirements.

PRESENTATION:

The presentation documents your proficiency in the essential skills of:

- Speaking
- Performance
- Future educational and work goal setting

The presentation element will be your student-led conference during your senior year. This usually occurs in March on the days designated for the student-led conferences. All high school will have students in grades 9 through 12 participating in student-led conferences. This will help you practice for your senior year. Each school will provide an outline of what you need to discuss at the student-led conference.

COMMUNITY INVOLVEMENT:

Community involvement is a requirement. You must earn 20 or more hours of community involvement. This can be accomplished through community service activities, participating in a job shadow experience, working with an adult mentor, or through a combination of these activities. You may begin earning and documenting community involvement hours after the completion of your 8th grade year. You must complete this requirement by the time of your presentation, during student-led conferences in March of your senior year.

You and your parent/guardian will be arranging your own community involvement activities following the guidelines for the High School and Beyond Plan. There are separate documents found on your school's website to assist students and parents/guardians in planning and documenting the community involvement.

More information can be found on the NTHS webpage!

<https://norththurston.nthurston.k12.wa.us/academics/high-school-beyond-plan>

CAREER & TECHNICAL EDUCATION CTE

Students who complete 2.0+ credits under one of the CTE categories will meet their Graduation Pathway through a CTE sequence.

AGRICULTURE/SCIENCE

HORTICULTURE

.5 credit / 1st Semester

Prerequisite: None

In this course students will explore the skills and science of growing plants. While learning about plant growth, nutrition, propagation, heredity, plant identification, plant characteristics, and career opportunities. Students will use their knowledge to grow plants in the school's greenhouse.

CTE / Science / Elective – Grades: 9-12

Course Code: AGV601

ADVANCED HORTICULTURE

.5 credit / 2nd Semester

Prerequisite: Horticulture

In this class, students will explore horticultural science in more depth, while broadening their practical experience. Students will also explore more career opportunities in the horticultural field.

CTE / Science / Elective – Grades: 9-12

Course Code: AGV702

ANIMAL SCIENCE

1.0 credit / Yearlong

Prerequisite: None

This class is designed for students interested in vocations such as Veterinary Science, Wildlife Biology, Animal Science Technology, or Commercial Livestock Production. This is a “hands on” course dealing with nutrition, reproduction, endocrinology, and health practices on economically important large and small animals. Live animal judging, carcass evaluation, feedstuffs, and agricultural economics will also be covered. Students will be expected to spend extra-curricular time dealing with field trips, animal showing, and short-term internships. Future Farmers of America activities will be an integral part of the program.

CTE / Science / Elective – Grades: 10-12

Course Code: AGV121/122

ENVIRONMENT AND SOCIETY (CiHS-ENST202)

1.0 credit / Yearlong

Prerequisite: None

Previously Natural Resource Management. This course introduces students to the physical and cultural dimensions of environmental problems with particular emphasis given to the interaction between ecosystems, basic resources, population dynamics, and culture. *Eligible students can earn college credit through the College in the High School program.*

CTE / Science / Elective – Grades: 10-12

Course Code: AGV500/501

STEM PHYSICS

1.0 credit / Yearlong

Prerequisite: None

Stem Physics is a laboratory science that examines the fundamental relationships between forces, motion, and energy in Earth and space. This class includes algebra-based problem solving, lab work, and data analysis. Students will explore engineering and design, including the Lego Mindstorm Robotics system. Curiosity, grit, and a passion for understanding are essential as we analyze everything from the motion of galaxies to the 4 forces acting in car crashes. This course is aligned with the Next Generation Science Standards and prepares students for college readiness.

CTE / Science – Grades: 9-11

Course Code: SCI231/232

ENVIRONMENTAL SCIENCE

1.0 credit / Yearlong

Prerequisite: successful completion of one science course

This course will combine classroom and laboratory field work to explore and study the following areas: marine resources, range environments, wildlife habitats, urban landscape, animal science, agriculture, freshwater resources, forest environments, vocational forestry, water quality, and environmental decisions. The opportunity to receive AP Environmental Science credit will be offered to those interested. The intent of this course is to fulfill the Chemistry/Earth domain.

CTE / Science / Elective – Grades: 10-12

Course Code: SCI345/346

MEDICAL TERMINOLOGY AND HUMAN BODY SYSTEMS

1.0 credit / Yearlong

Prerequisite: None

This course is designed to help students learn health care language and vocabulary for accurately describing the human body and associated components and processes in a science-based manner. This course provides the student with basic medical language skills including pronunciation, spelling, and definitions as a foundation for developing the degree of competency required to read and understand medical reports and communicate with physicians and other medical professionals.

Science / CTE / Elective – Grades: 9-12

Course Code: SCI261/262

MATERIAL SCIENCE**.5 credit / Semester****Prerequisite:**

This is a STEM focused, project-based learning course. Students will work with metals, glass, & ceramics, with some time spent with polymers and composites. This introductory course combines the academic disciplines of chemistry, physics, and engineering to create a MST curriculum. The basic philosophy of the course is for students to observe, experiment, record, question, seek additional information, and, through creative and insightful thinking, solve problems related to MST. Students must pass appropriate safety tests to remain in the course.

Science / CTE / Elective – Grades: 11-12**Course Code: SCI370****SKILLED AND TECHNICAL SCIENCES****PHOTOGRAPHY 1****.5 credit / Semester****Prerequisite: None**

This class is for those interested in photography and working with computers. We will learn how to use digital cameras and manipulate digital images with Adobe Photoshop software. Basic photo composition and digital camera techniques are covered. *College credits for this class may be available through CTE Dual Credit.*

CTE / Fine Arts / Elective – Grades: 9-12**Course code: INV601****PHOTOGRAPHY 2****.5 credit / Semester****Prerequisite: Photography 1**

This class builds on the skills learned in Photography 1. Students will do more advanced work with digital cameras and explore complex techniques with Adobe Photoshop. Studio and outdoor photography projects are included with computer image manipulation and production. Students will create a personal photography portfolio of their work. *College credits for this class may be available through CTE Dual Credit.*

CTE / Fine Arts / Elective – Grades: 9-12**Course code: INV602****VIDEO PRODUCTION****1.0 credit / Yearlong****Prerequisite: None**

This course introduces students to the fundamentals of producing original and adapted video content. This will include an introduction to the elements of design, lighting, camera operation, non-linear editing, story creation, and best practices within the video, film, and broadcasting industries. Students will apply concepts through the production of video content for class, school, and public audiences. Students are expected to be both in front of the camera and behind the camera in this course and use teamwork to create finished products. Some assignments (especially video capture) may be produced out of the classroom setting.

CTE / Fine Arts / Elective – Grades: 10-12**Course Code: INV603/604****TV STUDIO: RAM CAM****1.0 credit / Yearlong****Prerequisite: None, Teacher permission**

This course is a hands-on, project-based production course where students create high-quality school video announcement newscasts, school sports and event highlight videos, and other original content for an authentic school audience. Learn and practice key aspects of broadcasting such as news reporting, scriptwriting, video production and editing, on-air presentation, and team collaboration. All students who take this course should expect to be both “on-camera” and “behind-the-camera”. Students also explore potential careers in the professional news broadcast, video, and sports production industries. This course is perfect for students exploring careers in communications, journalism, and multimedia production. Due to the nature of the class goals and content, students will have assignments that are partially completed outside of the classroom. **May be repeated for additional credit with teacher permission.*

CTE / Fine Arts / Elective – Grades: 10-12**Course Code: INV605/606**

***METAL DESIGN AND ADVANCED METAL DESIGN: Levels 1 & 2** may be taken during any period the class is offered. *College credits for this class may be available through CTE Dual Credit.*

METAL DESIGN**.5 credit / Semester****Prerequisite: None**

Students will learn and explore the field of metal working technology. Many alternative ways of bonding metals will be introduced. The skills learned will enable students to create fun projects. Students will learn to form, cut, weld, and machine metal. Metal Design 1 is accepted as a fine arts credit by four-year universities. Students will explore welding from beginning skills to advanced welding techniques. They will also explore occupations and opportunities. Skills learned can be a base for a career after graduation.

CTE / Fine Arts / Elective – Grades: 9-12**Course Code: INV665/666****ADVANCED METAL DESIGN****.5 credit / Semester****Prerequisite: Metal Design Level 1 & 2 or Teacher Recommendation****CTE / Fine Arts / Elective – Grades: 10-12****Course Code: INV667/668**

Students will advance their metal working skills. The skills learned will enable students to create advanced projects. Students will form, cut, weld, and machine metal. Advanced Metal Design is accepted as a fine arts credit by four-year universities. They will also explore occupations and opportunities. Skills learned can be a base for a career after graduation. *College credits for this class may be available through CTE Dual Credit.*

***WOOD, CONSTRUCTION, AND DESIGN: Levels 1, 2, 3, & 4** may be taken during any period the class is offered. The class will contain mixed levels of students and will be differentiated based on skill level. *College credits for this class may be available through CTE Dual Credit.*

WOOD, CONSTRUCTION, & DESIGN

.5 credit / Semester

Prerequisite: None

This course will introduce students to the world of woodworking, construction, and design. This class is a hands-on, project-based class. It will teach you the fundamentals of working safely with hand and power tools to create wood products, furniture, and homes. Topics include measurement and construction math, building materials and hardware, project design and layout, plan reading, cost estimating, laser cutting and CNC milling, carpentry, residential plumbing/electrical, and career exploration/apprenticeship. Projects include boxes, tables, cabinetry, woodturning, sawhorses, stools, and sheds. The class includes a variety of student enterprises, as well as school and community service projects.

***TECHNICAL DRAFTING: Levels 1, 2, & 3** may be taken during any period the class is offered. The class will contain mixed levels of students and will be differentiated based on skill level and previous completion of a Technical Drafting class. This course can be repeated up to four times. *College credits for this class may be available through CTE Dual Credit.*

TECHNICAL DRAFTING 1

.5 credit / Semester

Prerequisite: None

Students will learn basic drafting standards and technical drawing practices used by business and industry world-wide. The skills learned will help students' problem solve, think creatively, apply mathematics and reason through complex drafting scenarios. Students will learn to graphically represent three dimensional objects in a two-dimensional format. Most of the technical drawings will be done using the computer and Computer Aided Drafting (CAD) software. No previous drafting experience or drawing skills necessary.

TECHNICAL DRAFTING 2

.5 credit / Semester

Prerequisite: Technical Drafting 1

Students learn how to use AutoCAD and FUSION 360 software to create 3D wireframe objects and 3D solid models. Students create a full set of 2D plans generated from solid computer models they have created using AutoCAD.

TECHNICAL DRAFTING 3

.5 credit / semester

Prerequisite: Technical Drafting 2

Students continue to improve their skills to build more complex 3D models. In addition, they will gain skills in rendering and displaying assembly models in a professional commercial format. Knowledge of manufacturing tolerances and methods will be gained.

***ARCHITECT DRAFTING: Levels 1 & 2** may be taken during any period the class is offered. The class will contain mixed levels of students and will be differentiated based on skill level and previous completion of an Architect Drafting class. This course can be repeated up to four times. *College credits for this class may be available through CTE Dual Credit.*

ARCHITECT DRAFTING 1

.5 credit / Semester

Prerequisite: None

Students will learn the basic structural components that go into building a house. They will learn how to draw these components and create a set of plans for a small house. Industry standards and practices are employed. Drawings will be done on the computer using AutoCAD software.

ARCHITECT DRAFTING 2

.5 credit / Semester

Prerequisite: Architectural Drafting 1

Students will design and draw a complete set of house plans generated from a client's specific size and amenity requirements. Student will apply building code standards to their plans. Students will create a detail library of individual house components.

BEGINNING AUTO CARE

.5 credit / Semester

CTE / Fine Arts / Elective – Grades: 9-12

Course Code: INV680/681/682/683

CTE / Elective – Grades: 9-12

Course Code: INV675-1st semester

CTE / Elective – Grades: 9-12

Course Code: INV676-2nd semester

CTE / Elective – Grades: 10-12

Course Code: INV677

CTE / Elective – Grades: 9-12

Course Code: INV671-1st semester

CTE / Elective – Grades: 9-12

Course Code: INV672-2nd semester

CTE / Math Elective / Elective – Grades: 9-12

Course Code: INV641

Prerequisite: None

This class is for students who know little or nothing about automobiles. The program starts with the very basics of the car and will unlock the mystery of how things work in a non-intimidating, easy to understand manner. Students will also learn what every driver should know about their vehicle such as maintenance and safety. Shop work will gain skill and knowledge in the safe operation of tools and equipment. *You may receive .5 third year math credit for successfully completing Beginning and Intermediate Auto Care. *College credits for this class may be available through CTE Dual Credit, when taken with Intermediate Auto Care.*

INTERMEDIATE AUTO CARE**.5 credit / Semester****Prerequisite: Beginning Auto Care or Teacher recommendation**

Students will learn automobile components such as alternator, brakes, and electrical systems. Students will apply their knowledge in the shop with hands on activities and demonstrations. *You may receive .5 third year math credit for successfully completing Beginning and Intermediate Auto Care. *College credits for this class may be available through CTE Dual Credit.*

CTE / Math Elective / Elective – Grades: 9-12**Course Code: INV644****ADVANCED AUTO SERVICE BLOCK****2.0 credits / 2 period block / Yearlong****Prerequisite: Beginning and Intermediate Auto Care and Teacher recommendation**

College credit available upon teacher approval, (Tech Prep) National Certification Available.

Students learn the latest in automobile technology such as electronic engine controls, anti-lock brakes and other high-tech areas. Students use A.S.E. materials & shop work is done to industry standards. Instruction into the basic Automotive Systems and many exciting automobile related businesses. Students may earn industry certification by ASE. You may receive .5 third year math credit and 1.0 credits in science for successfully completing this course. *College credits for this class may be available through CTE Dual Credit.*

CTE / Science / Math Elective / Elective – Grades: 10-12**Course Code: INV647/648****ELECTRONICS****1.0 credit / Yearlong****Prerequisite: Algebra 1**

Study of direct current fundamentals, alternating current fundamentals and semi-conductor devices. This course includes extensive lab work involving the construction of electronic circuits and using electronic test equipment, such as power supplies, digital meters, and oscilloscopes. Each student will complete an electronics project during the second semester. *Concurrent first year electrician apprenticeship available, inquire with your teacher.*

CTE / Science / Elective – Grades: 10-12**Course Code: SCI341/342****APPLIED TECH FOR ROBOTICS****1.0 credit / Yearlong****Prerequisite: None**

This course will introduce students to engineering concepts and technology design through the Lego EV3 Robotics system. Students learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science and Systems Design Engineering. Working in engineering teams, students use applied math and science along with their newfound technology skills to design, build and program a variety of robots to meet challenging specifications. No prior programming experience is required.

CTE / Science / Elective – Grades: 9-12**Course Code: SCI375/376****AMERICAN SIGN LANGUAGE 1****.5 credit / 1st Semester****Prerequisite: None (9th grade by Teacher Recommendation)**

Students with little or no knowledge of ASL and Deaf Culture will learn how to communicate comfortably in basic situations within the Deaf community using proper vocabulary, grammar, and cultural awareness. Students will also learn about Deaf history. Jobs available with knowledge of ASL will be discussed. This course must be taken in sequence with ASL 1 CiHS (2nd semester).

World Language / CTE / Elective – Grades: 9-11**Course Code: FOV601****AMERICAN SIGN LANGUAGE 1 (CiHS-ASL151)****1.0 credit / 2nd Semester****Prerequisite: Must be taken in sequence with ASL 1 1st semester.**

Students will learn how to communicate comfortably in basic situations within the Deaf community using proper vocabulary, grammar, and cultural awareness. Students will also learn about Deaf history. Jobs available with knowledge of ASL will be discussed. The course offers five college credits through College in the High School (CiHS) at Central Washington University.

World Language / CTE / Elective – Grades: 10-11**Course Code: FOV151****AMERICAN SIGN LANGUAGE 2 (CiHS-ASL152/153)****1.0 credit / Yearlong****Prerequisite: ASL 1**

American Sign Language II is the continuing course in American Sign Language, students go deeper into the language and culture, and history of the Deaf. This will be a predominantly silent class. Students will learn more about using ASL and English for jobs such as interpreting and translating, as well as the organizations that oversee interpreters. Ten College credits can be earned through College in the High School (CiHS) Central Washington University (CWU) Five Per Semester a total of Ten credits for the entire year.

World Language / CTE / Elective – Grades: 11-12**Course Code: FOV152/153**

BUSINESS AND MARKETING

To obtain a Business Certificate of Completion, contact a Business/Marketing Education Instructor to complete an application. To be eligible, a student must:

1. Complete three (3) or more credits in Business Education Courses (list below)
2. Earn a 'C' or better in each course.

NOTE: If a student earns credit from another school, the Business Education Department will review transcript for substituted course eligibility.

BUSINESS CERTIFICATE

Digital Academy	.5 credit
Business English 1	.5 credit
Business English 2	.5 credit
Business and Personal Finance	.5 credit
Business and Office Procedures	.5 credit

COMPUTER APPLICATIONS CERTIFICATE

Digital Academy	.5 credit
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BUSINESS MARKETING CERTIFICATE

Business and Law	.5 credit
Marketing	.5 credit
Entrepreneurship/Student Store	.5 credit

WORK READY CERTIFICATE

Work Site Learning	.5 credit
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DIGITAL ACADEMY 1

.5 credit / Semester

Prerequisite: None, highly recommended for all 9th grade students

This course is a comprehensive overview of technology skills for the 21st century student. Students will learn to create professional documents, email correspondence, presentations, and basic photo alterations. In addition, students will collaborate using Google Gmail, Docs, Groups, and explore other Web tools and services. Students will also create/edit images with a basic graphic editor and be exposed to new emerging technologies in the EXPLORE WEEKS. *College credits for this class may be available through CTE Dual Credit.*

CTE / Elective – Grades: 9-12

Course Code: BUV601

BUSINESS ENGLISH 1 and 2

1.0 credit / Yearlong

Prerequisite: Digital Academy

Business English covers basic professional communication skills including punctuation, grammar, word usage, file organization, and the composition of business letters, reports, and memorandums, as well as presentation and workplace skills. Students will produce a resume and cover letter. The computer is used daily. *This course can be taken as an English elective credit; however, it does not meet NCAA English requirements for student athletes. College Credit available upon teacher approval (1.0 SPSCC Tech Prep credits)*

CTE / English / Elective – Grades: 11-12

Course Code: BUV609/610

BUSINESS AND PERSONAL LAW

.5 credit / Semester

Prerequisite: None

Law and Justice is designed to acquaint students with the fundamentals of law in our society. We briefly study the source of the American legal system, how the law affects individuals, society, and the differences between civil, criminal, and juvenile law. We will learn about the court system and process of appeals, law enforcement, and corrections. Business contracts, civil law and torts will also be covered. Legal professions will be explored. Activities included: class discussions regarding legal and ethical issues, analyzing case studies, listening to speakers from all areas of the legal field, field trips to legal sites, mock trials, and watching videos and movies that apply to the topic. *College credits for this class may be available through CTE Dual Credit.*

CTE / Social Studies / Elective – Grades: 11-12

Course Code: BUV608

YEARBOOK

1.0 credit / Yearlong

Prerequisite: Teacher application and Teacher recommendation

Students participate in a practical, hands-on, student-produced yearbook experience, developing their skills in photography, writing, interviewing, communication, layout, business operation, advertising, promotion, and management. Some assignments may include tasks outside of class, including business ad sales. Students should expect to invest 2-3 hours of out-of-class time each week. This full-year class is by invitation only--the application/interview process begins in March. *College credits for this class may be available through CTE Dual Credit.*

CTE / Fine Art / Elective – Grades: 10-12

Course Code: BUV741/742

WORK SITE LEARNING

180 hours of work = .5 credit

Prerequisite: Teacher permission and must concurrently be in or have had a prequalifying CTE class

Work Site Learning is work experience only, that transfers knowledge and skill obtained in the classroom. The work experience is designed to assist the student in developing their individual educational and/or career plans. A qualifying class is a course related to the worksite learning experience and student career goals. The qualifying class may be taken concurrently with work experience, or the

CTE / Elective – Grades: 11-12

Course Code: BUV621/622

work experience may be subsequent, to the qualifying class. Timesheet records of work hours are required, along with training agreements and performance reviews to earn credit. See teacher for qualifying concurrent class list.

BUSINESS AND PERSONAL FINANCE 1

.5 credit / Semester

Prerequisite: Digital Academy Strongly Recommended

Learn how math is applied in business and finance calculations. Build math skills through problem solving, effectively communicating math, and application of business-related problems. Learn about personal finance to help you prepare to be a smart shopper, informed taxpayer, and valued employee. Computer assignments and spreadsheet use throughout the course required. Topics included: gross/net income, record keeping, checking/savings accounts, cash purchases, charge and credit accounts and loans. *College credits for this class may be available through CTE Dual Credit.*

CTE / Math Elective – Grades: 10-12

Course Code: BUV606

BUSINESS AND PERSONAL FINANCE 2

.5 credit / Semester

Prerequisite: Business and Personal Finance 1

Students will dig deeper into real world mathematics. Fundamentals of math are reviewed and used in solving business related problems. Students will focus on math related to running a business, including pricing goods, calculating depreciation, inventory management, personnel costs, financial statements, investments, insurance, statistics and more. *College credits for this class may be available through CTE Dual Credit.*

CTE / Math Elective – Grades: 10-12

Course Code: BUV607

ADVANCED PLACEMENT COMPUTER SCIENCE A

1.0 credit / Yearlong

Prerequisite: None

AP Computer Science A introduces students to fundamental basics from all fundamental basics of programming languages including critical thinking, organizing data (data structures), processing data and problem solving (algorithms), analysis of code and data structures, and the ethical/social implications of computing. The course is taught using JAVA and emphasizes object-oriented programming but includes procedural programming principles as well. *College credit may be earned via signing up for dual credit or scoring well on the AP exam.*

CTE / Science / Math Elective – Grades: 10-12

Course Code: BUV501/502

PROJECT MANAGEMENT

.5 Credit / Semester

Prerequisite: One year Business/Marketing and Teacher permission

This course develops a foundation that supports the planning, scheduling, controlling, resource allocation, and performance measurement activities required for the successful planning of amazing events. Designed to accommodate a group of motivated students willing to accept responsibilities, we will focus on teamwork and participants will learn how to identify project components, organize them effectively and control the project/event from the earliest steps of implementation through the final steps of the project.

CTE / Elective – Grades: 10-12

Course Code: BUV619

INTRO TO MARKETING

.5 credit / Semester

Prerequisite: None

Marketing is exciting, important, profitable and one of the most viable business activities around you. This class will help you learn more about how essential marketing is to you and the world. Promotion, production, merchandising math and financing are just a few of the functions explored in this class. Professional reading, writing, mathematics and communication will be integrated. Leadership activities will be an option students enrolled in this course. You'll have the opportunity to go on exciting field trips, meet business professionals and explore careers. DECA membership encouraged. *College credit may be available through CTE Dual Credit.*

CTE / Elective – Grades: 9-10

Course Code: MKV601/602

ADVANCED MARKETING

.5 credit / Semester

Prerequisite: Introduction to Marketing or Teacher Permission

College credit available upon teacher approval (Tech Prep 5 SPSCC credits available)

This class provides students learning experiences that integrate class instruction with career planning. Marketing training is at the advanced level and includes sales, management, international marketing, investing/finance, communications, social media marketing, sports/entertainment marketing and career exploration. Professional reading, writing, math, and communication is integrated throughout this course. Students will be provided opportunities to work at a part-time job if interested. Leadership activities will be expected of students enrolled in this course. DECA Leadership experience is integrated.

CTE / Elective – Grades: 11-12

Course Code: MKV603/604

SPORTS/EVENT MARKETING

.5 Credit / Semester

Prerequisite: prior Business Class

CTE / Elective – Grades: 10-12

Course Code: MKV609

This course designed for students interested in sports, entertainment, and event marketing! This course will introduce students to the marketing concepts and theories that apply to entertainment, events, and sporting events. This course will cover basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, branding, licensing, economic foundations, human relations, implementation of sports marketing and more. Students taking Sports/Event Marketing will be given the opportunity to participate in DECA (student marketing organization) and implement their sports and event marketing knowledge within NTHS.

SPORTS OFFICIATING

.5 credit / Semester

Prerequisite: None

Officiating courses provide students with the knowledge, skills, and abilities to serve as a referee, umpire, judge, or other official for a sports contest, emphasizing rule interpretation and the proper mechanics of officiating. This course includes physical activity. Students will have hours outside of school shadowing referees and officials at sporting events.

PE / CTE / Elective – Grades: 10-12

Course Code: BUV700/701

ENTREPRENEURSHIP/STUDENT STORE

1.0 credit / Yearlong

Prerequisite: Intro to Marketing

The mock student run business serves as a learning lab designed to let students get “hands on” experience in running a small business. Retail class section curriculum focuses on understanding the basic steps of small business operations, customer service, cash handling, register operation, buying and pricing, receiving, merchandising, promotions, loss prevention, employee accountability and the development of managerial principles. Wholesale class section students will focus on business-to-business selling, pricing, accounting, customer service and marketing production. The students work with a full mock student business. Participation in DECA is highly encouraged. *College credit available upon teacher approval (CTE Dual Credit)*

CTE / Elective – Grades: 11-12

Course Code: MKV607/608

BUSINESS AND OFFICE PROCEDURES 1 & 2

.5 credit / Semester

Prerequisite: Teacher permission

Business Office Procedures 1 is a training for students that are Teacher Assistants (TAs) that want to earn a letter grade (instead of a pass/fail). Students enrolled in this course will complete a series of Canvas modules along with their TA responsibilities. The first section of this class covers the responsibilities of being in a workplace, what employers want, and overall skills an employee (TA) would perform in a business organization setting. To earn a letter grade, students will complete the Canvas coursework, as well as daily work for the teacher.

Business Office Procedures 2 is the second level training for students that are Teacher Assistants (TAs) that want to earn a letter grade (instead of a pass/fail). Students enrolled in this course will complete a series of Canvas modules along with their TA responsibilities. The second section covers issues surrounding confidentiality, filing, review/training of computer skills, understanding of chain of command, and additional skills an employee (TA) would perform in a business organization setting. To earn a letter grade, students will complete the Canvas coursework, as well as daily work for the teacher.

CTE / Elective – Grades: 11-12

Course Code: BUV156/157

FAMILY AND CONSUMER SCIENCE

CHILD DEVELOPMENT (CiHS-CDFS232)

.8 credit / Semester

Prerequisite: None

Study the growth and experiences of children from conception to age six. Topics include family planning, pregnancy, birth defects, factors affecting mental, physical and emotional development, selection of appropriate toys, parenting skills, and community resources to help children and families. Explore the different childcare centers and career choices. *This course offers college credits through College in the High School (CiHS) at Central Washington University.*

CTE / Elective-Grades: 9-12

Course Code: HFV602

NUTRITIONAL WELLNESS

.5 credit / Semester

Prerequisite: None

Like to cook or want to learn to eat healthy? This course is concerned with preparing food that has appeal, tastes good, is economical and nutritious. Students will develop skills in planning, shopping, preparing and entertaining. Ethnic food preparation and use and care of equipment are also studied. *College credits for this class may be available through CTE Dual Credit.*

CTE / Elective – Grades: 9-12

Course Code: HFV603

INDEPENDENT LIVING

.5 credit / Semester

Prerequisite: None

Planning to be on your own sometime in the future? College bound or work bound, this course will increase your independence. Topics covered will prepare students for making decisions involving money, using credit, renting an apartment, and home management.

CTE / Math / Elective – Grades: 11-12

Course Code: HFV606

SPORTS MEDICINE 1**1.0 credit / Yearlong****Prerequisite: None**

This course will offer students an exciting opportunity to learn basic health concepts familiar to all medical careers such as anatomy, physiology, first aid and CPR. The structure and function of the human body will be studied along with the psychology of injury, illness, and care. This course will offer students an opportunity to integrate science, physical skill, clinical experience, and job readiness skills. The main topics included: recognition, prevention, assessment, evaluation, and treatment of injury, including rehabilitation, emergency care, nutrition, first aid and CPR. Hands-on labs will consist of taking vital signs, taping, wrapping, splinting, and emergency procedures and dealing with special injury/illness conditions. Students will have the opportunity to work 10 hours covering practices or games under the supervision of a certified athletic trainer. *College credits for this class may be available through CTE Dual Credit.*

CTE / Science / Elective – Grades: 9-12**Course Code: HFV607/608****SPORTS MEDICINE 2****1.0 credit / Yearlong****Prerequisite: Sports Medicine 1 and Teacher Recommendation**

This dynamic course will offer students an exciting opportunity to review concepts familiar to all medical careers such as anatomy, physiology, first aid and CPR with a focus on preventative health and fitness programming. This course offers advanced leadership activities, as well as accelerated study. This course covers the standards needed to sit for the American Council on Exercise Personal Training Certification. Students will gain versatile experience in behavior change, fitness, and nutrition coaching. Students will explore careers in the health science field and can work 10 hours covering practices and games supervised by a certified athletic trainer.

CTE / Science / Elective – Grades: 10-12**Course Code: HFV609/610****INTRO TO EDUCATION (CiHS-EFC250)****1.0 credit / Yearlong****Prerequisite: Application, Interview and Teacher selection**

Previously Teacher Education Academy. Students will learn the fundamentals of the educational system and apply instructional best practices in the class. Students will have the opportunity to work with children weekly 1-2 hour internships. Students can also earn up to five *College is High School credits* through Central Washington University Cornerstone program.

CTE / Elective – Grades: 11-12**Course Code: HFV613/614****ANATOMY MEDICAL PROFESSIONAL****1.0 credit / Yearlong****Prerequisite: Teacher recommendation**

Previously Anatomy and Physiology. This course takes an in depth look at the organization, system function, interdependence, and overall health and disease of the human body. This course includes lab work, dissections, and projects. *College credits can be earned through this course.*

CTE / Science / Elective – Grades: 10-12**Course Code: HFV617/618**

ENGLISH

High school graduation pathway for English is:

9 th Grade:	English 9 or Honors English 9
10 th Grade:	English 10 or Honors English 10
11 th Grade:	English 11, Honors English 11 or AP English Language & Comp.
12 th Grade:	4 th Year dependent on Post High School Plan

College bound students should complete four years of English

9 th Grade:	English 9 or Honors English 9
10 th Grade:	English 10 or Honors English 10
11 th Grade:	English 11, Honors English 11 or AP English Language and Comp.
12 th Grade:	English 12, AP Literature & Comp., Creative Writing, or Philosophy

ENGLISH 9

1.0 credit / Yearlong

Prerequisite: None

Students will develop skills in writing, reading, and speaking. Composition, vocabulary, drama, grammar, library skills, poetry, short story, and the novel will be studied.

English – Grade: 9

Course Code: ENG111/112

HONORS ENGLISH 9

1.0 credit / Yearlong

Prerequisite: None

This course is designed for students who have excelled in previous English classes. Emphasis will be on essay writing and enhancing reading skills through vocabulary and the critical analysis of novels, short stories, poetry, and plays. The course will cover research and library skills.

English – Grade: 9

Course Code: ENG121/122

ENGLISH 10

1.0 credit / Yearlong

Prerequisite: English 9

Students will continue to develop skills in writing, reading, and speaking. Students will study composition, vocabulary, grammar, drama, library skills, poetry, short story and the novel.

English – Grade: 10

Course Code: ENG211/212

HONORS ENGLISH 10

1.0 credit / Yearlong

Prerequisite: English 9

Advanced and motivated students who have demonstrated a high level of ability in reading and writing will study literature, vocabulary, essay writing, poetry, and drama.

English – Grade: 10

Course Code: ENG221/222

ENGLISH 11

1.0 credit / Yearlong

Prerequisite: English 9 & 10

American short stories, poetry, essays, dramas, speeches, and novels are discussed and analyzed in this year-long survey course. Vocabulary and writing skills are emphasized.

English – Grade: 11

Course Code: ENG311/312

ADVANCED PLACEMENT ENGLISH LANG. & COMP. (CiHS-ENGL101/102) English / Elective – Grade: 11

1.0 credit / Each Semester

Prerequisite: Teacher recommendation

This college preparatory course is designed to prepare the junior student to read effectively, analyze passages, and write skillfully for a variety of purposes. Students will study short stories, poems, essays, plays, speeches, and novels by American writers. This course replaces the American Literature requirement. This course prepares students to take the AP Language and Composition test. *College credit possible for students that either pass the AP exam or participate in the CiHS Program.*

Course Code: ENG523/524

ENGLISH 12

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

World literature short stories, poetry, dramas, novels, and essays are discussed and analyzed in this year-long survey course.

English / Elective – Grade: 12

Course Code: ENG411/412

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMP.

1.0 credit / Yearlong

Prerequisite: Teacher recommendation or B grade or higher in English 11, Honors English 11, or AP Lang and Comp

English / Elective – Grade: 12

Course Code: ENG513/514

College credit possible for students who pass the AP exam. This college preparatory course is designed to prepare the senior student to write papers and to read literature at the college level. Short stories, poems, plays and novels are studied. After taking this course, a student may elect to take the Advanced Placement Literature and Composition Test in May and attempt to earn college credit.

CREATIVE WRITING

.5 credit / Semester

Prerequisite: Teacher recommendation

This course gives students an opportunity to explore the creative processes professional writers use by choosing their own topics within fiction, drama, and poetry, trying out new techniques and skills, and reflecting on what does and doesn't work in their own writing. Students are responsible for creating a portfolio and giving presentations of their work in various genres during the course.

English / Elective – Grades: 11-12

Course Code: ENG430

PHILOSOPHY

.5 credit / Semester

Prerequisite: Teacher recommendation

This is a survey course of Western and Eastern Philosophy through literature. Students will engage with diverse concepts through reading, writing and discussion. Students will become familiar with the branches of philosophy and how to form a personal philosophy using classical and contemporary ideas. Suitable for students of all levels.

English / Elective – Grade: 11-12

Course Code: ENG440

INTRO TO THEATER (CIHS-TH107)

1.0 credit / Yearlong

Prerequisite: Drama 2 or Teacher permission

Previously Performing Arts. This course will include full-length productions that will be rehearsed both inside and outside of class and performed as part of the theatre's season. In addition, there will be study of major styles and movements in acting, and the literature that corresponds with them. Dramatic literature, original scripts and improvisation will be performed both within school as part of an integrated curriculum. Independent and outside projects should be expected. *This course can earn 5 College in the High School credits from Central Washington University by earning a "C" grade or better.*

Fine Art / English / Elective – Grades: 10-12

Course Code: ENG639/640

BUSINESS ENGLISH 1 and 2

1.0 credit / Yearlong

Prerequisite: Digital Academy

College Credit available upon teacher approval (1.0 SPSCC Tech Prep credits)

Business English covers basic communication skills including punctuation, word usage, and the composition of business letters, reports, and memorandums, as well as professional communication skills. Students will also produce a resume and cover letter. The computer is used daily. *This course can be taken as an English elective credit; however, it does not meet NCAA English requirements for student athletes.*

CTE / English / Elective – Grades: 11-12

Course Code: BUV609/610

DRAMA 1

.5 credit / 1st Semester

Prerequisite: None

Students will explore, study, and perform beginning and intermediate concepts of acting. Units included: improvisation/theatre games, vocal technique, character development, scene work, and auditioning. Creativity, self-confidence, arts awareness, theatre terminology and etiquette are emphasized. *This course can be taken as an English elective credit, it does not meet NCAA English requirements for athletes.*

Fine Art / English / Elective – Grades: 9-12

Course Code: ENG631

DRAMA 2

.5 credit / 2nd Semester

Prerequisite: Drama 1

In Drama 2, students will focus on improving their acting skills. Character development, text interpretation, and dramatic literature will be studied throughout the year. Units include two person scenes, monologues, technical theatre, and beginning directing. Outside hours at school required. Students in Drama 2 will have the opportunity to participate in a production as an actor or stage crew member. *This course can be taken as an English elective credit; however, it does not meet NCAA English requirements for athletes.*

Fine Art / English / Elective – Grades: 10-12

Course Code: ENG634

HEALTH & FITNESS

HEALTH

.5 credit / Semester

Prerequisite: None

Health is a one-semester course focusing on lifestyle to promote wellness within an individual. It will provide information concerning, physical, mental, and social health in such a way that it will influence people to take positive action about their health. Topics include self-concept, stress management, nutrition and fitness, substance abuse, human sexuality, personal health care, and wellness management skills. It is the mission of the Health Educators to equip students with the ability to make responsible health decisions. Above all, we respect the student's value system as fostered by the family and recognize sensitivity to issues and diversity of opinion.

Required – Grades: 9-12

Course Code: HEA101

GENERAL PE

.5 credit / Semester

Prerequisite: None

The goal of physical education classes is to provide each student with knowledge and activities that will enhance their physical fitness level. The classes will offer a variety of sports and exercises to accommodate students with various abilities.

PE / Elective – Grades: 9-12

Course Code: PED103/104

FITNESS WALKING

.5 credit / Semester

Prerequisite: None

This course is an outdoor alternative conditioning class (regardless of the weather) designed for students needing a low impact style of fitness training. Students will complete a variety of outdoor walking routes to earn credit as well as periodically participating in a variety of flexibility, muscular strength, and endurance activities to improve fitness levels in all components. This course is an inclusive class for all fitness abilities. For teachers to provide supervision on the walking routes, students will be expected to stay with the group for the duration of the walks.

PE / Elective – Grades: 9-12

Course Code: PED127/128

WEIGHT TRAINING

.5 credit / Semester

Prerequisite: None

Previously strength & conditioning. This Course was developed to teach and facilitate strength training concepts that will benefit student athletes as well as non-athletes. The course will cover weight room safety, proper lifting technique, nutrition, exercise physiology, and various training programs. The goal of this course is to produce a work ethic and knowledge base that students will use for life beyond high school.

PE / Elective – Grades: 9-12

Course Code: PED141/142

AQUATIC FITNESS

.5 credits / Semester

Prerequisite: None

Previously Fitness Swim. This course is designed to develop basic swimming skills to improve physical fitness through swimming and introduce swimming as a lifetime activity offering fun and fitness. Focus will be on introducing basic swimming strokes and refinement of strokes. This course is open to swimmers of all skill levels.

PE / Elective – Grades: 9-12

Course Code: PED151/152

AEROBIC FITNESS AND TONING

.5 credit / Semester

Prerequisite: None

This activity course will enable students to develop basic-level knowledge of aerobics and fitness to maintain or improve individualized levels of fitness. This course will contain, but is not limited to, the following: safety practices while exercising, correct techniques of executing various strength/cardio/flexibility exercises, use of various types of exercise equipment, fitness assessment, body composition assessment, stress reduction, yoga, Pilates, weight training, high and low impact aerobics, fitness walking and high intensity interval training.

PE / Elective – Grades: 9-12

Course Code: PED231/232

MUSCLE TONE & FLEXIBILITY

.5 credit / Semester

Prerequisite: None

Previously Enduroburn. This course is a conditioning class for anyone looking to improve their muscular endurance, muscular strength, and flexibility. This course gives students the opportunity to use free weights, bands, and medicine balls to strengthen their entire body. This workout challenges major muscle groups by using individualized weights and doing high repetitions. This fast-paced workout using motivating music helps take muscles to exhaustion and fatigue. Bosu balls will be incorporated in most lifts and exercises for additional core strength training.

PE / Elective – Grades: 9-12

Course Code: PED211/212

SUCCESS ORIENTED PE (SOPE)**.5 credit / Semester****Prerequisite: None**

This unique physical education class is designed to give all students a chance to perform at their individual best. Special needs students requiring extra assistance are paired with general education students who serve as 'tutors' to enable them to be more successful in various types of fitness, team, individual, developmental, and alternative activities. The goal of this course is to have fun while fostering self-esteem and building relationships across these student groups. This all-inclusive class is truly enriching for all students involved.

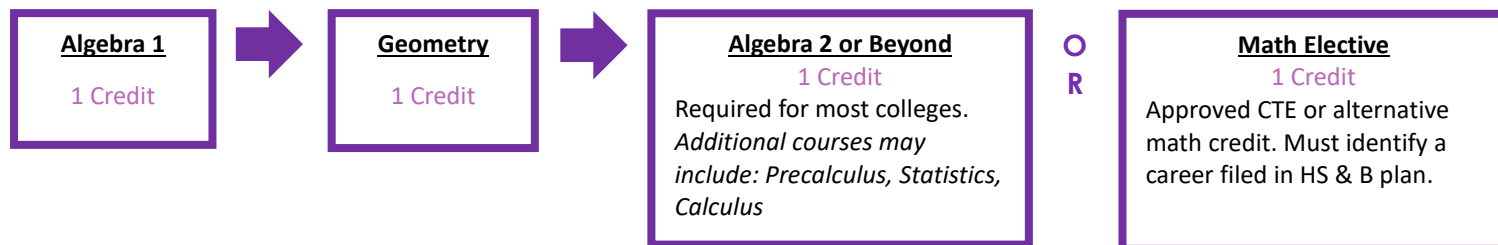
PE / Elective – Grades: 9-12**Course Code: PED135/136****SPORTS OFFICIATING****.5 credit / Semester****Prerequisite: None**

Officiating courses provide students with the knowledge, skills, and abilities to serve as a referee, umpire, judge, or other official for a sports contest, emphasizing rule interpretation and the proper mechanics of officiating. This course includes physical activity. Students will have hours outside of school shadowing referees and officials at sporting events.

PE / CTE / Elective – Grades: 10-12**Course Code: BUV700/701**

MATH

The state graduation requirement for math is three credits. All students must pass Algebra I, Geometry and one approved third year math class that meets the requirements of the High School and Beyond Plan.



For the third credit of math or for a non 4-year college, students may choose to take:

- Algebra 2 and beyond, generally required for enrollment into a 4-year college
- Math Electives related to their identified career field, matches HSBP Path or Personal Pathway

CTE courses currently identified for elective math credit are noted below.

- Advanced Automotive (.5)
- Beg/Intermediate Automotive (.5)
- Math for Business and Personal Finance 1 / Math for Business and Personal Finance 2 (.5)
- Independent Living (.5)

Students are required to earn a minimum of three math credits. The first two credits consist of Algebra 1 and Geometry. The third must align with the student's pathway. Students may take Algebra 2 or another high school level math course that meets their education and career goals as identified in their high school and beyond plan. College admission minimum math requirement: Algebra 1, Geometry, and Algebra 2. Students are also expected to be enrolled in a meaningful mathematics class during their senior year (*students who complete a higher-level mathematics class such as pre-calculus / calculus prior to their senior year are exempt from the senior year math requirement*).

PRE-ALGEBRA

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

This class is designed to prepare students for success in Algebra 1. The focus of the class will be operations with integers and fractions, simplifying and solving equations, and graphing linear equations.

Elective – Grades: 9

Course Code: MAT095/096

PRE-ALGEBRA (MLL)

1.0 credit / Yearlong

Prerequisite: Teacher placement

This class is for students currently enrolled in the ML program. This class is designed to build ML student math ability and language fluency for success in Algebra 1. The focus of the class will be operations with integers and fractions, simplifying and solving equations, and graphing linear equations.

Elective – Grades: 9-12

Course Code: MAT093/094

ALGEBRA 1

1.0 credit / Yearlong

Prerequisite: Passing grade in 8th grade math

Algebra 1 is the first course of the 3-year high school math sequence. Students will learn how to simplify and solve equations and inequalities, how to solve systems of equations, and how to identify, graph and solve linear, exponential, and quadratic functions. Instructional materials for the course are from Pearson's enVision Algebra 1 curriculum. Must be taken by 10th grade for on-time graduation pathway.

Math – Grades: 9-12

Course Code: MAT111/112

ALGEBRA 1 STEM

1.0 credit / Yearlong

Prerequisite: Passing grade in 8th grade math

Algebra 1 STEM is the first course of the 3-year high school math sequence. Students will learn the same topics and skills as Algebra 1 with a focus on application and additional depth and rigor. Instructional materials for the course are from Pearson's enVision Algebra 1 curriculum. Must be taken by 10th grade for on-time graduation pathway.

Math – Grades: 9-12

Course Code: MAT121/122

ALGEBRA 1 (MLL)

1.0 credit / Yearlong

Math – Grades: 9-12

Course Code: MAT113/114

Prerequisite: Teacher placement for ML students who passed 8th grade math or Pre-Algebra

This class is for students currently enrolled in the ML program. Algebra 1 is the first course of the 3-year high school math sequence. Students will learn how to simplify and solve equations and inequalities, how to solve systems of equations, and how to identify, graph and solve linear, exponential, and quadratic functions. Instructional materials for the course are from Pearson's enVision Algebra 1 curriculum. Must be taken by 10th grade for on-time graduation pathway.

GEOMETRY**1.0 credit / Yearlong****Math – Grades: 9-12****Course Code: MAT211/212****Prerequisite: Passing grade in both semesters of Algebra 1**

Geometry is the second course of the 3-year high school math sequence. Students will learn the foundations of geometry, parallel and perpendicular lines, properties of triangles, quadrilaterals, and circles, and probability. Instructional materials for the course are from Pearson's enVision Geometry curriculum.

ALGEBRA 2**1.0 credit / Yearlong****Math – Grades: 9-12****Course Code: MAT311/312****Prerequisite: C grade or above in Algebra 1 & Geometry**

Algebra 2 is the third course of the 3-year high school math sequence. Students will learn how to work with polynomial, rational, radical, logarithmic, and trigonometric functions. Students can also be introduced to conic sections, matrices, probability, and statistics. Instructional materials for the course are from Pearson's enVision Algebra 2 curriculum.

ADVANCED ALGEBRA 2**1.0 credit / Yearlong****Math – Grades: 9-12****Course Code: MAT321/322****Prerequisite: B grade or above in both semesters Algebra 1 and Geometry and Teacher recommendation**

Advanced Algebra 2 is an accelerated course that will cover Algebra 2 and Pre-Calculus content. In addition to all of the standard Algebra 2 content, students will also be introduced to complex numbers, operations and composition of functions, trigonometric identities and equations, and vectors. Instructional materials for the course are from Pearson's enVision Algebra 2 curriculum.

PRE-CALCULUS (CiHS-MATH153/154)**1.0 credit / per semester****Math Elective – Grades: 10-12****Course Code: MAT435/436****Prerequisite: C or above in Algebra 2 and Teacher recommendation**

This course includes the analysis of relations, functions and graphs, trigonometry, advanced functions and graphing, discrete mathematics, and an introduction to calculus. *College credit possible for students that participate in the CiHS Program.*

ADVANCED PLACEMENT CALCULUS AB/1 (CiHS-MATH172)**1.0 credit / Yearlong****Math Elective – Grade: 9-12****Course Code: MAT525/526****Prerequisite: C+ or above in Pre-Calculus or Advanced Algebra 2 and Teacher recommendation**

This course will review Pre-Calculus topics and Calculus topics, also: limits, continuity of functions, derivatives and their applications, integrals and their applications, exponential and logarithmic functions, trigonometric functions and their inverses, and analytic geometry. *College credit possible for students that either pass the AP exam or participate in the CiHS Program.*

ADVANCED PLACEMENT CALCULUS BC/2 (CiHS-MATH173)**1.0 credit / Yearlong****Math Elective – Grade: 10-12****Course Code: MAT527/528****Prerequisite: B grade or above in AP Calculus AB and Teacher recommendation**

This is a second year Calculus course which will be equivalent to Calculus 3. Units of study include Techniques of Integration, Indeterminate Forms, improper Integrals and Taylor's formulas. Sequences and Series, polar coordinates, and introduction to analytical geometry, and Vector functions. *College credit possible for students that pass the AP exam or participate in the CiHS Program.*

PROBABILITY AND STATISTICS**1.0 credit / Yearlong****Math Elective – Grade: 11-12****Course Code: MAT461/462****Prerequisite: C grade or above in Algebra 2 or Advanced Algebra 2 and Teacher Recommendation**

This course is an introductory into the world of Statistics. Topics covered include interpreting Categorical & Quantitative Data, Modeling Distributions of Data, Describing Relationships between Variables, Study Design, Probability, Sampling Distributions, & Population Proportions and Means. A TI-84 Graphing Calculator will be provided in class. You may supply your own TI-83, TI-84, or TI-Inspire.

ADVANCED PLACEMENT STATISTICS**1.0 credit / Yearlong****CTE / Math Elective – Grade: 10-12****Course Code: MAT561/562****Prerequisite: Passing grade in Algebra 2 or Advanced Algebra 2 and Teacher recommendation**

Students in this course will become familiar with the vocabulary, methods, and meaning in the statistics world around them. Computer and calculators will be used to explore the world of data and the patterns which can be found by analyzing this information. This course can be taken concurrently with Pre-Calculus or Calculus.

ADVANCED PLACEMENT COMPUTER SCIENCE A**1.0 credit / Yearlong****Prerequisite: None**

AP Computer Science A introduces students to fundamental basics from all fundamental basics of programming languages including critical thinking, organizing data (data structures), processing data and problem solving (algorithms), analysis of code and data structures, and the ethical/social implications of computing. The course is taught using JAVA and emphasizes object-oriented programming but includes procedural programming principles as well. *College credit may be earned via signing up for dual credit or scoring well on the AP exam.*

CTE / Science / Math / Elective – Grades: 10-12**Course Code: BUV503/504****MODELING OUR WORLD WITH MATH****1.0 credit / Yearlong****Prerequisite: Algebra 1, Geometry, and completion of the Math SBA**

This course is designed to follow Geometry. It contains career-connected thematic units where students use high school mathematics to analyze everyday life and work. The content and instructional strategies support increased attainment of the common core high school content standards while developing the standards for mathematical practice.

Math Elective / Elective – Grade: 11-12**Course Code: MAT301/302****BRIDGE TO COLLEGE MATH****1.0 credit / Yearlong****Prerequisite: Algebra 2 and Teacher Recommendation**

Bridge to College Mathematics is a year-long course focusing on the key mathematics readiness standards from Washington State's K-12 Learning Standards for Mathematics (the Common Core State Standards, CCSS-M) as well as the eight Standards for Mathematical Practices. The course is designed to prepare students for entrance into non-calculus pathway introductory college level mathematics courses. The course addresses key learning standards for high school including Algebra 1, Statistics, Geometry, and Algebra 2 standards essential for college and career readiness. *This class could fulfill the math portion of the graduation pathway.*

Math Elective – Grade: 12**Course Code: MAT401/402****BUSINESS AND PERSONAL FINANCE 1****.5 credit / Semester****Prerequisite: Digital Academy Strongly Recommended**

Learn how math is applied in business and finance calculations. Build math skills through problem solving, effectively communicating math, and application of business-related problems. Learn about personal finance to help you prepare to be a smart shopper, informed taxpayer, and valued employee. Computer assignments and spreadsheet use throughout the course required. Topics included: gross/net income, record keeping, checking/savings accounts, cash purchases, charge and credit accounts and loans. *College credits for this class may be available through CTE Dual Credit.*

CTE / Math Elective – Grades: 10-12**Course Code: BUV606****BUSINESS AND PERSONAL FINANCE 2****.5 credit / Semester****Prerequisite: Business and Personal Finance 1**

Students will dig deeper into real world mathematics. Fundamentals of math are reviewed and used in solving business related problems. Students will focus on math related to running a business, including pricing goods, calculating depreciation, inventory management, personnel costs, financial statements, investments, insurance, statistics and more. *College credits for this class may be available through CTE Dual Credit.*

CTE / Math Elective – Grades: 10-12**Course Code: BUV607**

SCIENCE

Students should take **a full year of the Core Options from each science group** by the end of their junior year. This ensures they will experience all Next Generation Science Standards and be prepared for the Washington Comprehensive Assessment of Science (WCAS).

Life Science	Physics & Astronomy	Chemistry & Earth
Core Options (must take one): Biology AP Biology CiHS Electives (optional): Horticulture Advanced Horticulture Animal Science Medical Terms & Human Body Syst. Anatomy Medical Professional Sports Medicine Environment & Society CiHS Oceanography	Core Options (must take one): STEM Physics AP Physics CiHS Electives (optional): Electronics Applied Tech for Robotics AP Computer Science Astronomy	Core Options (must take one): Chemistry Honors Chemistry CiHS AP Chemistry Electives (optional): Geology Environmental Science Material Science
"CORE" Pathway shown below; Can be modified to meet the needs of students seeking a CTE pathway, need a transitional year, / are advanced/highly capable students. The vast majority of students will follow the Core Pathway. Course requirements and// prerequisites are described in the course catalog.		
9th/10th Grade (can be taken in either order) 11th Grade <i>4 years of science is recommended for college bound students</i>		

STEM PHYSICS

1.0 credit / Yearlong

Prerequisite: None

Stem Physics is a laboratory science that examines the fundamental relationships between forces, motion, and energy in Earth and space. This class includes algebra-based problem solving, lab work, and data analysis. Students will explore engineering and design, including the Lego Mindstorm Robotics system. Curiosity, grit, and a passion for understanding are essential as we analyze everything from the motion of galaxies to the 4 forces acting in car crashes. This course is aligned with the Next Generation Science Standards and prepares students for college readiness.

Science / CTE – Grades: 9-11

Course Code: SCI231/232

BIOLOGY

1.0 credit / Yearlong

Prerequisite: None

Biology is a laboratory science that examines living organisms and their relationships to each other and the environment. This is an inquiry-based course that emphasizes students synthesizing big ideas, developing models, problem-solving, and critical thinking. Students actively engage in science and engineering practices and apply crosscutting concepts to deepen their understanding of the core life science concepts. This course is aligned with the Next Generation Science Standards and prepares students for college readiness.

Science / Elective – Grades: 9-11

Course Code: SCI211/212

ADVANCED PLACEMENT BIOLOGY (CiHS-BIOL101)

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

Science / Elective – Grades: 9-12

Course Code: SCI511/512

AP Biology is designed to provide students with a comprehensive exploration of fundamental biological concepts equivalent to an introductory college course. This class covers biochemistry, cellular structure and function, cellular energetics, genetics, evolution, and ecology. Through hands-on investigations, critical thinking exercises, and in-depth discussions, students will develop a deep understanding of the principles that govern living organisms. Students should expect 3-5 hours of homework each week. *College credit possible for students who pass the AP exam or participate in the CiHS program.*

CHEMISTRY

1.0 credit / Yearlong

Prerequisite: Junior standing or concurrent enrollment of Algebra 2 or higher

The students in this lab-based course will engage in science and engineering practices that apply chemistry and earth science to solve real world problems impacting our everyday environment. Emphasis is placed on developing strong critical thinking, communication, inquiry, and collaboration skills. Topics included: atoms, elements and molecules, conservation of matter, heat transfer and conservation of energy in earth's systems, the chemistry of climate change, and human impact on earth's systems. This course prepares students for the state science assessment and college readiness.

Science / Elective – Grades: 9-12

Course Code: SCI311/312

CHEMISTRY (CiHS-CHEM121)

1.0 credit / Yearlong

Prerequisite: Completion of Algebra 2 with a "B" or better, Score of "3" or "4" on the SBA Math exam, placement into MATH 099 or higher on the ACCUPLACER/CPT exam at SPSCC and successful completion of one year of a high school lab science.

This is a fundamental course for those interested in nursing/allied health and those pursuing a non-science degree. Study of the classification, composition, calculations, and properties (both chemical and physical) of matter at the macroscopic, atomic, and subatomic levels. Includes measurements and conversions, atomic structure, chemical bonding, chemical reactions, molar stoichiometry, and acid/base chemistry. *College credit in Natural Science quarter credits will be earned at SPSCC by earning a C or better in this course.*

Science / Elective – Grades: 10-12

Course Code: SCI323/324

ADVANCED PLACEMENT CHEMISTRY

1.0 credit / Yearlong

Prerequisite: Completion of Chemistry with a B or better and concurrent enrollment in Pre-Calculus or higher

College credit possible for students who pass the AP exam. The second-year chemistry course is a college level course that provides students with a foundation to support future advanced coursework in science, engineering, and STEM. Students deepen and extend their understanding of chemistry through inquiry-based investigations as they explore atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students perform numerous college level lab experiments and maintain a college level lab notebook. The work will culminate with the AP exam, which can earn either college credit or a course waiver depending on the college the student attends.

Science / Elective – Grades: 11-12

Course Code: SCI521/522

ADVANCED PLACEMENT PHYSICS 1 (CiHS-PHYS111/112)

1.0 credit / Each Semester

Prerequisite: Algebra 2 and Teacher recommendation

This is an algebra-based, introductory college-level physics course that explores foundational physics topics through inquiry-based investigations and hands-on laboratory work. Students will develop their understanding of kinematics, dynamics, circular motion and gravitation, energy, momentum, rotational motion, simple harmonic motion, and fluids. Emphasis is placed on creating representations, performing mathematical analyses, and engaging in scientific questioning and argumentation. *College credit possible for students that either pass the AP exam or participate in the CiHS Program.*

Science / Elective – Grades: 10-12

Course Code: SCI538/539

MATERIAL SCIENCE

.5 credit / Semester

Prerequisite:

This is a STEM focused, project-based learning course. Students will work with metals, glass, & ceramics, with some time spent with polymers and composites. This introductory course combines the academic disciplines of chemistry, physics, and engineering to create a MST curriculum. The basic philosophy of the course is for students to observe, experiment, record, question, seek additional information, and, through creative and insightful thinking, solve problems related to MST. Students must pass appropriate safety tests to remain in the course.

Science / CTE / Elective – Grades: 11-12

Course Code: SCI370

MEDICAL TERMINOLOGY AND HUMAN BODY SYSTEMS

1.0 credit / Yearlong

Prerequisite: None

This course is designed to help students learn health care language and vocabulary for accurately describing the human body and associated components and processes in a science-based manner. This course provides the student with basic medical language skills including pronunciation, spelling, and definitions as a foundation for developing the degree of competency required to read and understand medical reports and communicate with physicians and other medical professionals.

Science / CTE / Elective – Grades: 9-12

Course Code: SCI261/262

ANATOMY MEDICAL PROFESSIONAL**1.0 credit / Yearlong****Prerequisite: Teacher recommendation**

Previously Anatomy and Physiology. This course takes an in depth look at the organization, system function, interdependence, and overall health and disease of the human body. This course includes lab work, dissections, and projects. *College credits can be earned through this course.*

Science / CTE / Elective – Grades: 10-12**Course Code: HFV617/618****APPLIED TECHNOLOGY FOR ROBOTICS****1.0 credit / Yearlong****Prerequisite: None**

This course will introduce students to engineering concepts and technology design through the Lego EV3 Robotics system. Students learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science and Systems Design Engineering. Working in engineering teams, students use applied math and science along with their newfound technology skills to design, build and program a variety of robots to meet challenging specifications. No prior programming experience is required.

CTE / Science / Elective – Grades: 9-12**Course Code: SCI375/376****APPLIED TECH FOR ROBOTICS****1.0 credit / Yearlong****Prerequisite: None**

This course will introduce students to engineering concepts and technology design through the Lego EV3 Robotics system. Students learn and apply principles of Mechanical Engineering, Software Engineering, Electrical Engineering, Computer Science and Systems Design Engineering. Working in engineering teams, students use applied math and science along with their newfound technology skills to design, build and program a variety of robots to meet challenging specifications. No prior programming experience is required.

CTE / Science / Elective – Grades: 9-12**Course Code: SCI375/376****ELECTRONICS****1.0 credit / Yearlong****Prerequisite: Algebra 1**

Study of direct current fundamentals, alternating current fundamentals and semi-conductor devices. This course includes extensive lab work involving the construction of electronic circuits and using electronic test equipment, such as power supplies, digital meters, and oscilloscopes. Each student will complete an electronics project during the second semester. *Concurrent first year electrician apprenticeship available, inquire with your teacher.*

CTE / Science / Elective – Grades: 10-12**Course Code: SCI341/342****ADVANCED PLACEMENT COMPUTER SCIENCE A****1.0 credit / Yearlong****Prerequisite: None**

AP Computer Science A introduces students to fundamental basics from all fundamental basics of programming languages including critical thinking, organizing data (data structures), processing data and problem solving (algorithms), analysis of code and data structures, and the ethical/social implications of computing. The course is taught using JAVA and emphasizes object-oriented programming but includes procedural programming principles as well. *College credit may be earned via signing up for dual credit or scoring well on the AP exam.*

CTE / Science / Math / Elective – Grades: 10-12**Course Code: BUV501/502****ASTRONOMY****.5 credit / Semester****Prerequisite: Have taken or currently enrolled in Chemistry or Teacher recommendation**

This course provides students with the opportunity to learn about the universe, galaxies, and our solar system. Explore the evolution of celestial bodies and their appearance from Earth through various interactive resources.

Science / Elective – Grades: 11-12**Course Code: SCI330****GEOLOGY****.5 credit / Semester****Prerequisite: Stem Physics and Chemistry or Teacher recommendation**

In this class students will learn about the history of Earth's formation and the processes that physically change our planet. The students will engage in a variety of hands-on activities and use other interactive resources.

Science / Elective – Grades: 11-12**Course Code: SCI350****OCEANOGRAPHY****.5 credit / Semester****Prerequisite: Biology**

This area of study combines oceanography and marine biology into one course. Students will take an in-depth look at the physical, biological, and chemical aspects associated with a marine environment. Primary emphasis will be on the organisms that comprise this eco-system. Meets NCAA Core requirement.

Science / Elective – Grades: 10-12**Course Code: SCI380**

HORTICULTURE**.5 credit / 1st Semester****Prerequisite: None**

In this course students will explore the skills and science of growing plants. While learning about plant growth, nutrition, propagation, heredity, plant identification, plant characteristics, and career opportunities. Students will use their knowledge to grow plants in the school's greenhouse.

CTE / Science / Elective – Grades: 9-12**Course Code: AGV601****ADVANCED HORTICULTURE****.5 credit / 2nd Semester****Prerequisite: Horticulture**

In this class, students will explore horticultural science in more depth, while broadening their practical experience. Students will also explore more career opportunities in the horticultural field.

CTE / Science / Elective – Grades: 9-12**Course Code: AGV702****ANIMAL SCIENCE****1.0 credit / Yearlong****Prerequisite: None**

This class is designed for students interested in vocations such as Veterinary Science, Wildlife Biology, Animal Science Technology, or Commercial Livestock Production. This is a “hands on” course dealing with nutrition, reproduction, endocrinology, and health practices on economically important large and small animals. Live animal judging, carcass evaluation, feedstuffs, and agricultural economics will also be covered. Students will be expected to spend extra-curricular time dealing with field trips, animal showing, and short-term internships. Future Farmers of America activities will be an integral part of the program.

CTE / Science / Elective – Grades: 10-12**Course Code: AGV121/122****ENVIRONMENT AND SOCIETY (CIHS-ENST202)****1.0 credit / Yearlong****Prerequisite: None**

Previously Natural Resource Management. This course introduces students to the physical and cultural dimensions of environmental problems with particular emphasis given to the interaction between ecosystems, basic resources, population dynamics, and culture. *Eligible students can earn college credit through the College in the High School program.*

CTE / Science / Elective – Grades: 10-12**Course Code: AGV500/501****ENVIRONMENTAL SCIENCE****1.0 credit / Yearlong****Prerequisite: Successful completion of one science course**

This course will combine classroom and laboratory field work to explore and study the following areas: Marine resources, range environments, wildlife habitats, urban landscape, animal science, agriculture, freshwater resources, forest environments, vocational forestry, water quality, and environmental decisions.

CTE / Science / Elective – Grades: 10-12**Course Code: SCI345/346****SPORTS MEDICINE 1****1.0 credit / Yearlong****Prerequisite: None**

This dynamic course will offer students an exciting opportunity to learn basic health concepts familiar to all medical careers such as anatomy, physiology, first aid and CPR. The structure and function of the human body will be studied along with the psychology of injury, illness, and care. This course will offer students an opportunity to integrate science, physical skill, clinical experience, and job readiness skills. The main topics included: recognition, prevention, assessment, evaluation, and treatment of injury, including rehabilitation, emergency care, nutrition, first aid and CPR. Hands-on labs will consist of taking vital signs, taping, wrapping, splinting, and emergency procedures and dealing with special injury/illness conditions. Students will have the opportunity to work 10 hours covering practices and/or games under the supervision of a certified athletic trainer. *College credits for this class may be available through CTE Dual Credit.*

CTE / Science / Elective – Grades: 9-12**Course Code: HFV607/608****SPORTS MEDICINE 2****1.0 credit / Yearlong****Prerequisite: Sports Medicine 1 and Teacher Recommendation**

This dynamic course will offer students an exciting opportunity to review concepts familiar to all medical careers such as anatomy, physiology, first aid and CPR with a focus on preventative health and fitness programming. This course offers advanced leadership activities, as well as accelerated study. This course covers the standards needed to sit for the American Council on Exercise Personal Training Certification. Students will gain versatile experience in behavior change, fitness, and nutrition coaching. Students will explore careers in the health science field and can work 10 hours covering practices and games supervised by a certified athletic trainer.

CTE / Science / Elective – Grades: 10-12**Course Code: HFV609/610**

SOCIAL STUDIES

The minimum graduation requirement is 3 Social Studies credits.

The following classes should be taken in order:

Grade 9 Contemporary World Issues or Honors Contemporary World Issues

Grade 10 World Studies or Advanced Placement World History

Grade 11 United States History or Advanced Placement US History

Grade 12 Civics or Advanced Placement Government

The following curriculum is recommended for college preparatory students:

Grade 9 Honors Contemporary World Issues (9th)

Grade 10 Advanced Placement World History (10th)

Grade 11 Advanced Placement United States History (11th)

Grade 12 Advanced Placement Government (12th)

CONTEMPORARY WORLD ISSUES

.5 credit / Semester

Prerequisite: None

This course is a survey of contemporary national and international issues developing during the current year. Course units will include world views, human rights, poverty, international relations, and media analysis. The coursework is designed to instruct students in the basic structure of argument & discourse, exploring current world issues. Discussion, analysis, critical reading, persuasion, & authentic assessment will be vital parts of the curriculum.

Social Studies – Grade: 9

Course Code: SOC112

HONORS CONTEMPORARY WORLD ISSUES

.5 credit / Semester

Prerequisite: None

This course is designed for students of advanced skill level. This course is a survey of contemporary national and international issues developing during the current year. Course units will include world views, human rights, poverty, international relations, and media analysis. The coursework is designed to instruct students in the basic structure of argument & discourse, exploring current world issues. Discussion, analysis, critical reading, persuasion, & authentic assessment will be at a level that will better prepare students for Advanced Placement World History.

Social Studies – Grade: 9

Course Code: SOC122

WORLD STUDIES

1.0 credit / Yearlong

Prerequisite: None

In this course students will explore world history from 1700 to the present day, including the Industrial Age, Imperialism, and World War I, with an emphasis on geography, history, culture, and current problems pertaining to different parts of the world.

Social Studies – Grade: 10

Course Code: SOC211/212

ADVANCED PLACEMENT WORLD HISTORY

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

College credit possible for students who pass the AP exam. This is a college level course following a curriculum preparing students for the AP Exam. Students investigate significant events, individuals, developments, and processes from approximately 1200 C.E. to the present. Students develop and use skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, continuity and change; and developing historical arguments. The course provides five themes that students explore throughout the course, to make connections among historical developments in different time and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Students will have the opportunity to score well on the national exam as well as be prepared for the rigors found in a college history class.

Social Studies – Grades: 10

Course Code: SOC501/502

UNITED STATES HISTORY

1.0 credit / Yearlong

Prerequisite: None

United States history from the Reconstruction era through the 21st century. This course offers in depth study of modern US History, foreign policy, and social issues, beginning with the influx of immigrants in the late 1800s, the reform movements of the early 1900s, the Great Depression, World War II, the Cold War, Civil Rights Movement and into the Modern Era.

Social Studies – Grade: 11

Course Code: SOC311/312

ADVANCED PLACEMENT US HISTORY

1.0 credit / Yearlong

Social Studies – Grade: 11

Course Code: SOC521/522

Prerequisite: Teacher recommendation

College credit possible for students who pass the AP exam. AP United States History is designed to be the equivalent of a two-semester introductory college or university US History course. The students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to present. Students learn to: analyze primary and secondary sources; make historical comparisons; utilize reasoning about contextualization, causation, and continuity and change over time; and develop historical arguments. The course also provides seven themes that students explore throughout the course to make connections among historical developments in different times and places: America in the world; geography and the environment; and culture and society. Students will have the opportunity to score well on the national exam and be prepared for the rigors found in a typical college class.

ADVANCED PLACEMENT AFRICAN AMERICAN STUDIES**1.0 credit / Yearlong****Prerequisite: Teacher recommendation**

College credit possible for students who pass the AP exam. This is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course is designed to be the equivalent of an introductory college course in African American studies and related courses. This course fulfills the US History graduation requirement but is also open to seniors as a social studies elective course. Meets NCAA requirement.

Social Studies – Grade: 11-12**Course Code: SOC561/562****CIVICS****.5 credit / Semester****Prerequisite: None**

This is a survey course in government and political science with primary focus on American government. Topics include citizenship, civic responsibility, and studies in contemporary problems. This class fulfills the senior social studies requirement.

Social Studies – Grade: 12**Course Code: SOC410****ADVANCED PLACEMENT US GOVERNMENT AND POLITICS****1.0 credit / Yearlong****Prerequisite: Teacher recommendation**

College credit possible for students who pass the AP exam. This class covers the structure of the United States government, and the function of American Democracy. The course takes an in depth look at each branch of the American Government, its powers, and the role it plays in modern politics. At the end of the course students may take an extra exam to earn college credit. This class replaces the required .5 Civics/senior social studies class and is also an elective credit.

Social Studies – Grade: 12**Course Code: SOC511/512****PSYCHOLOGY****.5 credit / Semester****Prerequisite: None**

Psychology surveys the study of the human mind and behaviors. This pre-college course will introduce students to terms, facts, and general principles surrounding human social behaviors, states of consciousness, thinking, intelligence, perception, sensation, emotions, and stress. In addition, there will be units on physiological and biological connections to behavior. The class will analyze and interpret behavior through activities, discussion, and vocabulary with the intention of introducing students to practices of ethics, research, and therapy conducted by psychologists. This is an elective course.

Social Studies / Elective – Grade: 11-12**Course Code: SOC250****BEING HUMAN: PAST & PRESENT (CiHS-ANTH107)****1.0 credit / Semester****Prerequisite: None**

Exploration of being human throughout the world from the earliest human ancestors to today using archaeological, biological, cultural and linguistic anthropology methods and perspectives. *College credit possible for students that participate in the CiHS Program.*

Social Studies / Elective – Grade: 11-12**Course Code: SOC475****BUSINESS AND PERSONAL LAW****.5 credit / Semester****Prerequisite: None**

Law and Justice is designed to acquaint students with the fundamentals of law in our society. We briefly study the source of the American legal system, how the law affects individuals, society, and the differences between civil, criminal, and juvenile law. We will learn about the court system and process of appeals, law enforcement, and corrections. Activities included: class discussions regarding legal and ethical issues, analyzing case studies, listening to speakers from all areas of the legal field, field trips to legal sites, mock trials, and watching videos and movies that apply to the topic. *College credits for this class may be available through CTE Dual Credit.*

CTE / Social Studies / Elective – Grades: 11-12**Course Code: BUV608****WASHINGTON STATE HISTORY****No credit – met/not met****Prerequisite: Students new to the State or for those who failed Washington State History (PNW) in middle school.**

Counselors will meet with individual students that have NOT MET this graduation requirement for options to complete this class.

Social Studies – Grade: 9-12**Course Code: SOC100**

FINE, VISUAL, AND PERFORMING ARTS

2D ART

.5 credit / Semester

Prerequisite: None

This course introduces students to the basic skills and media of 2D art (drawing and painting), teaching them how to see, think and create as an artist. Through practice, experimentation, structured activities, and individual projects, students will develop problem solving, creative thinking, and studio habits. Students will build a solid foundation in studio practice, 2D techniques, artistic concepts, art history, and more. Students will explore a variety of media including but not limited to graphite, charcoal, pastel, acrylic, collage, and watercolor.

Fine Arts / Elective – Grades: 9-12

Course Code: ART110

INTERMEDIATE 2D ART

.5 credit / Semester

Prerequisite: 2D Art or Teacher Recommendation

This intermediate course explores a variety of 2D art techniques and materials with an emphasis on individual style and creative expression. Students will build on their experience from Beginning 2D by creating original artwork while exploring historic and contemporary models of drawing and painting. A variety of media will be used to explore more complex and challenging techniques and concepts, while students build an individual portfolio to showcase their work.

Fine Arts / Elective – Grades: 10-12

Course Code: ART210

3D ART/CERAMICS 1

.5 credit / Semester

Prerequisite: None

This course is designed to introduce students to the basics of ceramics and 3D art, including art mediums, vocabulary, safety, tools, stages of clay, glazing, kiln firing and clay hand-building techniques through studio habits. Students will work through project-based units that include inspiration, brainstorming, planning, developing craft and reflecting to create and present a variety of functional and decorative forms culminating in a versatile portfolio. By the end of the course, students will have grown their 3D art/ceramic skills, developed an understanding of how art can be used as a form of both self-expression and a way to earn a living, and the ability to make informed choices and take on other artists' perspectives.

Fine Arts / CTE / Elective – Grades: 9-12

Course Code: ART117

ADVANCED 3D ART/CERAMICS 2

.5 credit / Semester

Prerequisite: 3D Art/Ceramics 1

This course is designed for the student who is motivated to undertake ambitious work in clay and sculpture to further their understanding of 3D art as a means of artistic expression. Freedom to pursue their own individual artistic style or creating thematic work is encouraged. The goal for this course is to provide the advanced independent student the opportunity to use prerequisite skills, knowledge and independence to plan, revise and develop their own expressive portfolio using themes as a guide. Hand building, wheel throwing, glaze application, other 3D art mediums, and possible career pathways in the visual arts will be explored.

Fine Arts / CTE / Elective – Grades: 9-12

Course Code: ART217

STUDIO ART

.5 credit / Semester

Prerequisite: None

This course is designed to introduce students to the elements of art and a variety of art mediums and techniques like drawing, painting, printmaking, stenciling, and other 2D mediums. Artists will work through media-based units that include brainstorming, planning, developing craft, peer feedback and reflection culminating in a final versatile portfolio and artist statement. By the end of the course, students will have grown in the 8 studio habits, developed an understanding of how art can be used as a form of both self-expression and a way to earn a living, and the ability to make informed choices and take on other artists' perspectives.

Fine Arts / CTE / Elective – Grades: 9-12

Course Code: ART127

ADVANCED PLACEMENT STUDIO ART: DRAW/2D/3D

1.0 credit / Yearlong

Prerequisite: One year of Art and Teacher Approval/Recommendation

This advanced, year-long college-level course will assist students in pursuing their artistic interests through a Sustained Investigation. Students will choose one of the following portfolios to develop for the school year: 2D Design, 3D Design or Drawing where they create work that investigates a theme and question. All students will work towards creating a college/career ready portfolio consistent with the expectations for the Advanced Placement Studio Art portfolio review. Successful review of a student portfolio may result in awarded college credit in the visual arts. Each student will work vigorously through classroom assignments, homework, and sketchbook exploration to develop a body of artwork that illustrates the breadth of skill each student is capable of through a variety of media, the quality of work possible, and the depth of thought demonstrating the evolution of their thinking.

Fine Arts / CTE / Elective – Grades: 11-12

Course Code: ART501/502

PHOTOGRAPHY 1**.5 credit / Semester****Prerequisite: None**

This class is for those interested in photography and working with computers. We will learn how to use digital cameras and manipulate digital images with Adobe Photoshop software. Basic photo composition and digital camera techniques are covered. *College credits for this class may be available through CTE Dual Credit.*

CTE / Fine Arts / Elective – Grades: 9-12**Course code: INV601****PHOTOGRAPHY 2****.5 credit / Semester****Prerequisite: Photography 1**

This class builds on the skills learned in Photography 1. Students will do more advanced work with digital cameras and explore complex techniques with Adobe Photoshop. Studio and outdoor photography projects are included with computer image manipulation and production. Students will create a personal photography portfolio of their work.

CTE / Fine Arts / Elective – Grades: 9-12**Course code: INV602****VIDEO PRODUCTION****1.0 credit / Yearlong****Prerequisite: None**

This course introduces students to the fundamentals of producing original and adapted video content. This will include an introduction to the elements of design, lighting, camera operation, non-linear editing, story creation, and best practices within the video, film, and broadcasting industries. Students will apply concepts through the production of video content for class, school, and public audiences. Students are expected to be both in front of the camera and behind the camera in this course and use teamwork to create finished products. Some assignments (especially video capture) may be produced out of the classroom setting.

CTE / Fine Arts / Elective – Grades: 9-12**Course Code: INV603/604****TV STUDIO: RAM CAM****1.0 credit / Yearlong****Prerequisite: None, Teacher permission**

This course is a hands-on, project-based course where students create high-quality school video newscasts, school sports and event highlight videos, and other original content for an authentic school audience. Learn and practice key aspects of broadcasting such as news reporting, scriptwriting, video production and editing, on-air presentation, and team collaboration. All students who take this course should expect to be both “on-camera” and “behind-the-camera”. Students also explore potential careers in the professional news broadcast, video, and sports production industries. This course is perfect for students exploring careers in communications, journalism, and multimedia production. Due to the nature of the class goals and content, students will have assignments that must be partially completed outside of the classroom setting. May be repeated for additional credit with teacher permission.

CTE / Fine Arts / Elective – Grades: 10-12**Course Code: INV605/606**

***WOOD, CONSTRUCTION, AND DESIGN: Levels 1, 2, 3, & 4** may be taken during any period the class is offered. The class will contain mixed levels of students and will be differentiated based on skill level. College credits for this class may be available through CTE Dual Credit.

WOOD, CONSTRUCTION, & DESIGN**.5 credit / Semester****Prerequisite: None**

This course will introduce students to the world of woodworking, construction, and design. This class is a hands-on, project-based class. It will teach you the fundamentals of working safely with hand and power tools to create wood products, furniture, and homes. Topics include measurement and construction math, building materials and hardware, project design and layout, plan reading, cost estimating, laser cutting and CNC milling, carpentry, residential plumbing/electrical, and career exploration/apprenticeship. Projects include boxes, tables, cabinetry, woodturning, sawhorses, stools, and sheds. The class includes a variety of student enterprises, as well as school and community service projects.

CTE / Fine Arts / Elective – Grades: 9-12**Course Code: INV680/681/682/683**

***METAL DESIGN 1 AND 2** students may take levels 1 and 2 during any period the class is offered. Students wanting any level of Metal Design during first semester should sign up for INV665, during second semester INV666. College credits for this class may be available through CTE Dual Credit.

METAL DESIGN (Levels 1 and 2)**.5 credit / Semester****Prerequisite: None**

Previously Metal Design/Welding. Students will learn and explore the field of metal working technology. Many alternative ways of bonding metals will be introduced. The skills learned will enable students to create fun projects. Students will learn to form, cut, weld, and machine metal. Metal Design 1 is accepted as a fine arts credit by four-year universities. Students will explore welding from beginning skills to advanced welding techniques. They will also explore occupations and opportunities. Skills learned can be a base for a career after graduation. *College credits for this class may be available through CTE Dual Credit.*

CTE / Fine Arts / Elective – Grades: 9-12**Course Code: INV665/666**

ADVANCED METAL DESIGN (Levels 1 and 2)**.5 credit / Semester****Prerequisite: Metal Design/Welding 1 and 2, or Teacher Recommendation**

Students will advance their metal working skills. The skills learned will enable students to create advanced projects. Students will form, cut, weld, and machine metal. Advanced Metal Design is accepted as a fine arts credit by four-year universities. They will also explore occupations and opportunities. Skills learned can be a base for a career after graduation. *College credits for this class may be available through CTE Dual Credit.*

CTE / Fine Arts / Elective – Grades: 10-12**Course Code: INV667/668****TREBLE CHOIR****1.0 credit / Yearlong****Prerequisite: None**

Previously Chorus. Chorus is a treble choir for higher voices (soprano and alto) singers only. An audition is not required. We perform at four evening concerts as well as school events and regional choral festivals. Concert attendance is required. In chorus we work to develop musicianship through learning and review of musical concepts such as sight singing (reading music) and ear training (learning to sing back any pitch you hear as well as hear pitches in your head). We also work on developing the voice and blending as a group. We sing two- and three-part treble intermediate music from all genres (classical, gospel, pop, musical theater).

Fine Arts / Elective – Grades: 9-12**Course Code: MUS101/102****BASS CHOIR****1.0 credit / Yearlong****Prerequisite: None**

Previously Symphonic Choir. Bass Choir is a mixed ensemble for lower voices (tenor and bass). An audition is not required. We perform four evening concerts, as well as school events and regional choral festivities. Concert attendance is required. In Symphonic Choir we will work to develop musicianship through learning musical concepts, such as sight singing (reading music) and ear training (learning to sing back any pitch you hear). We also work on developing the voice and advancing musicianship skills. We sing two to four-part intermediate music from all genres (classical, gospel, pop, musical theater).

Fine Arts / Elective – Grades: 9-12**Course Code: MUS103/104****JAZZ CHOIR****1.0 credit / Yearlong****Prerequisite: Successful audition and Teacher recommendation**

Jazz Choir is a group for highly skilled musicians with excellent music reading and singing abilities (audition required). Jazz Choir singers serve as ambassadors for the choir at various community events in addition to evening concerts and regional choir festivals. Due to the heavy performance schedule, students in Jazz Choir are expected to prioritize performing responsibilities and must be effective time managers and communicators with parents/guardians, bosses and coaches. We sing advanced music from jazz, musical theatre, and classical genres.

Fine Arts / Elective – Grades: 10-12**Course Code: MUS301/302****CHAMBER CHOIR****1.0 credit / Yearlong****Prerequisite: Successful audition and Teacher recommendation**

Previously Concert Chorale. Chamber Choir is a select group (audition required) for all voice types (soprano, alto, tenor, and bass). We work on listening to the blend and balance of all voice types as we continue to build on musicianship and singing technique. Concert Chorale performs at all evening concerts in addition to school events, regional choral festivals, and some community appearances. Concert attendance and attendance at some after school rehearsals is required. We sing excellent intermediate to advanced music from all genres.

Fine Arts / Elective – Grades: 10-12**Course Code: MUS303/304****STRING ORCHESTRA****1.0 credit / Yearlong****Prerequisite: Background training on a string instrument or Teacher recommendation**

Freshman ensemble This orchestra is designed to improve playing technique, build musicianship, and increase ensemble-playing skill. Practicing outside of class time is required. The group performs several times during the school year. Members must wear prescribed concert attire at all performances. Attendance at all performances is required.

Fine Art / Elective – Grades: 9-12**Course Code: MUS131/132****CAMERATA****1.0 credit / Yearlong****Prerequisite: Successful Audition and Teacher recommendation**

This is a moderately advanced upper-level orchestra for students in grades 10-12. Practicing outside of class time is required. The group performs several times during the school year. Members must wear prescribed concert attire at all performances. Attendance at all performances is required.

Fine Arts / Elective – Grades: 10-12**Course Code: MUS231/232****SYMPHONY ORCHESTRA****1.0 credit / Yearlong****Fine Arts / Elective – Grades: 10-12****Course Code: MUS331/332**

Prerequisite: Successful audition and Teacher required

This is the advanced upper-level orchestra for students in grades 10-12. Practicing outside of class time is required. The group performs several times during the school year. Members must wear prescribed concert attire at all performances. Attendance at all performances is required.

NINTH GRADE BAND

1.0 credit / Yearlong

Prerequisite: Previous band experience

For all Ninth-Grade Band students. Designed to build musicianship, emphasis is placed on fundamentals and preparing students for Symphonic Band. This band will perform at football/basketball games and concerts. Time outside the regular school day is required for performances.

Fine Arts / Elective – Grades: 9

Course Code: MUS109/110

CONCERT BAND

1.0 credit / Yearlong

Prerequisite: Previous band experience

Designed to continue build musicianship, emphasis is placed on fundamentals and preparing students for Symphonic Band. This band will perform at football/basketball games and concerts. Time outside the regular school day is required for performances.

Fine Arts / Elective – Grades: 10-12

Course Code: MUS111/112

SYMPHONIC BAND

1.0 credit / Yearlong

Prerequisite: One year of Ninth-Grade Band or Concert Band, successful audition, and Teacher permission

A select performing ensemble for advanced musicians. Marching is a required part of participation. This band performs at football/basketball games, concerts, and pep assemblies. This band rehearses in August, plays at football games, and has evening practices through the fall. Attendance before, during and after school is required. There are approximately ten performances per year. Membership requires full year enrollment.

Fine Arts / Elective – Grades: 10-12

Course Code: MUS311/312

JAZZ BAND

1.0 credit / Yearlong

Prerequisite: 1) Enrolled in band or orchestra 2) Demonstrates ability to perform all 12 major scales 3) Audition. 4) Teacher permission

The jazz band studies and performs music from various styles of jazz. The class meets daily before school and focuses on improvisation techniques and stylistic interpretation. Time outside the regular school day is required for rehearsals, sectionals, and performances.

Fine Arts / Elective – Grades: 9-12

Course Code: MUS321/322

ADVANCED PLACEMENT MUSIC THEORY

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

The course prepares students to take the AP Music Theory exam. Student's ability to read and write musical notation is fundamental. Basic performance skills in voice or instrument required. The goal of the course is to develop students' ability to recognize, understand, and describe basic materials and processes of music that are heard/presented in score. Topics include fundamental aural, analytical and composition skills using both listening and written exercises, progressing to include creative tasks, such as harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figure-based notation. *This is an after school Independent Study unless there are enough students to offer it during the school day.*

Fine Arts / Elective – Grades: 10-12

Course Code: MUS501/502

DRAMA 1

.5 credit / 1st Semester

Prerequisite: None

Students will explore, study, and perform beginning and intermediate concepts of acting. Units included: improvisation/theatre games, vocal technique, character development, scene work, and auditioning. Creativity, self-confidence, arts awareness, theatre terminology and etiquette are emphasized. *This course can be taken as an English elective credit, it does not meet NCAA English requirements for athletes.*

Fine Art / English / Elective – Grades: 9-12

Course Code: ENG631

DRAMA 2

.5 credit / 2nd Semester

Prerequisite: Drama 1

In Drama 2, students will focus on improving their acting skills. Character development, text interpretation, and dramatic literature will be studied throughout the year. Units include two person scenes, monologues, technical theatre, and beginning directing. Outside hours at school required. Students in Drama 2 will have the opportunity to participate in a production as an actor or stage crew member. *This course can be taken as an English elective credit; however, it does not meet NCAA English requirements for athletes.*

Fine Art / English / Elective – Grades: 10-12

Course Code: ENG634

INTRO TO THEATER (CiHS-TH107)**1.0 credit / Yearlong****Prerequisite: Drama 2 or Teacher permission**

Previously Performing Arts. This course will include full-length productions that will be rehearsed both inside and outside of class and performed as part of the theatre's season. In addition, there will be study of major styles and movements in acting, and the literature that corresponds with them. Dramatic literature, original scripts and improvisation will be performed both within school as part of an integrated curriculum. Independent and outside projects should be expected. *This course can earn 5 College in the High School credits from Central Washington University by earning a "C" grade or better.*

Fine Art / English / Elective – Grades: 10-12**Course Code: ENG639/640****YEARBOOK****1.0 credit / Yearlong****Prerequisite: Application and Teacher recommendation**

Students participate in a practical, hands-on, student-produced yearbook experience, developing their skills in photography, writing, interviewing, communication, layout, business operation, advertising, promotion, and management. Some assignments may include tasks outside of class, including business ad sales. Students should expect to invest 2-3 hours of out-of-class time each week. This full-year class is by invitation only--the application/interview process begins in March.

CTE / Fine Art / Elective – Grades: 10-12**Course Code: BUV741/742**

WORLD LANGUAGES

Studying a World Language is encouraged for all students at North Thurston High School. Research shows learning an additional language strengthens academic performance in all areas, improves cognitive skills, and results in higher scores on standardized tests. Language learning opens up career opportunities, supports personal growth, and is essential in today's interconnected world. Cultural competence is a key skill that is valued in both college admissions and the global job market.

For students planning to attend a 4-year university, two consecutive years of the same world language is required, while many competitive colleges require three to four years of language study; therefore, a solid foundation in a World Language strengthens college applications and provides an edge in the admissions process.

FRENCH 1

1.0 Credit / Yearlong

Prerequisite: None

First year French focuses on building a strong language foundation and aims to teach French the way one learns their first language. These methods prioritize the students' gaining as much experience in the language (input) as possible. In class students demonstrate understanding by drawing, gesturing, and acting things out. Students also learn about Francophone holidays and traditions throughout the year and in the Spring enjoy a unit on Paris and the many famous monuments.

World Language – Grades: 9-12

Course Code: FOR111/112

FRENCH 2

1.0 Credit / Yearlong

Prerequisite: French 1

French 2 emphasizes speaking and listening comprehension through classroom activities conducted in French. Students also build reading skills and explore the history and culture of the French-speaking world in greater depth including Francophone cuisine. By the end of the year, students should be able to communicate in French about everyday past, present, and future events. At the Novice-high and intermediate-low levels, student output is expected to move from simple sentences to strings of sentences.

World Language – Grades: 9-12

Course Code: FOR211/212

FRENCH 3

.5 credit / 1st semester

Prerequisite: French 2

French 3 builds on the skills learned in the first two years of study, with increased emphasis on the structure of the language. Students speak French in the classroom as much as possible. Through exposure to a wide variety of material, students develop greater fluency in spoken and written French. Cultural projects will vary depending on students' interests. Students also take the STAMP (Standards based Measure of Proficiency) Exam and can earn 4th year proficiency credit and the WA State Seal of Biliteracy, which acknowledges their ability to speak, read, and write in French and English. Students who earn the Seal of Biliteracy will have it noted on their transcript, receive a certificate, and be awarded a medallion to wear at graduation. The results of this nationally recognized exam can be used as documentation of their highly marketable language skills. This course must be taken sequentially with French 103 (CIHS).

World Language / Elective – Grades: 9-12

Course Code: FOR311 -1st semester

FRENCH 103 (CIHS)

1.0 Credit / 2nd semester

Prerequisite: Must be taken in sequence with 1st semester French 3.

This advanced course is taught in the 2nd Semester via the University of Washington College in the High School program. Course materials are chosen and lessons designed by UW French professors but implemented by NTHS's French teacher. In this course students have the opportunity of earning 5 UW credits and beginning an official UW transcript. Students also take the STAMP (Standards based Measure of Proficiency) Exam and can earn 4th year proficiency credit and the WA State Seal of Biliteracy, which acknowledges their ability to speak, read, and write in French and English. Students who earn the Seal of Biliteracy will have it noted on their transcript, receive a certificate, and be awarded a medallion to wear at graduation. The results of this nationally recognized exam can be used as documentation of their highly marketable language skills.

Elective – Grades: 10-12

Course Code: FOR516-2nd semester

FRENCH 4 and 5

.5 credit / 1st semester

Prerequisite: Completion of previous course/credit earned via STAMP taken in sequence with French 103 CIHS

In this combined advanced course, French is the primary language in the classroom. Students refine their skills in spoken and written French and develop a more sophisticated understanding of French-speaking cultures. Students also take the STAMP (Standards based Measure of Proficiency) Exam and can earn the WA State Seal of Biliteracy (with medallion to wear at graduation). The results of this nationally recognized exam can be used as documentation of their highly marketable language skills. This course is taken in sequence with French 103 (CIHS).

Elective – Grades: 10-12

Course Code: 4 – FOR411 • 5 – FOR511

GERMAN 1**1.0 credit / Yearlong****Prerequisite: None**

In German 1, students learn to converse, write, and read in simple German. Students develop their knowledge of the most frequently used vocabulary words. Using videos, conversational activities, role-plays, songs, projects, and authentic documents. Students also increase their knowledge of German culture. Two years of the same world language are required for admission to 4-year universities. German I fulfills the first year of the two-year requirement.

World Language – Grades: 9-12**Course Code: FOR121/122****GERMAN 2****1.0 credit / Yearlong****Prerequisite: German 1**

In German 2, students move closer to the goal of functioning in a German-speaking culture by increasing their conversational skills, vocabulary base, reading, and writing skills. Students also learn grammar to enhance mastery. Through role-plays, singing, cultural activities, and games, students increase their fluency. Two years of the same world language are required for admission to 4-year universities. German II fulfills the second year of the two-year requirement.

World Language – Grades: 9-12**Course Code: FOR221/222****GERMAN 3****1.0 credit / Yearlong****Prerequisite: German 2**

In German 3, we move toward a deeper understanding and interpretation of German. Students have the opportunity to work with authentic websites, texts, and films to learn many historical and cultural realities of modern German-speaking countries. Students will have the opportunity to earn the Washington State Seal of Biliteracy, which acknowledges their ability to speak, read, and write in German and English. Students who earn the Seal of Biliteracy will have it noted on their transcript, receive a certificate, and be awarded the Seal of Biliteracy medallion to wear at graduation.

World Language / Elective – Grades: 9-12**Course Code: FOR321/322****SPANISH 1****1.0 credit / Yearlong****Prerequisite: None. (Students must pass first semester Spanish I to continue to second semester)**

First-year Spanish focuses on building a strong language foundation using interactive, comprehensible input methods, such as gestures, stories, games, and songs. Emphasis is placed on high-frequency language structures. Cultural exploration of the Spanish-speaking world is integrated into the curriculum. Two years of the same world language are required for admission to 4-year universities. Spanish I fulfills the first year of the two-year requirement.

World Language – Grades: 9-12**Course Code: FOR101/102****SPANISH 2****1.0 credit / Yearlong****Prerequisite: Spanish 1**

Second-year Spanish builds on the foundation of Spanish I, with students engaging with the language at a more advanced level. Students deepen their understanding of key language structures, expand their vocabulary, deepen their cultural understanding, and enhance their communication and fluency. Two years of the same world language are required for admission to 4-year universities. Spanish II fulfills the second year of the two-year, minimum requirement.

World Language – Grades: 9-12**Course Code: FOR201/202****SPANISH 3****.5 credit / 1st Semester****Prerequisite: Spanish 2 with final grade of “B” or better and Teacher recommendation**

Third-year Spanish builds on the foundation of Spanish II, with students engaging in more complex language structures and vocabulary. Students explore cultural topics in greater depth, focusing on improving fluency and accuracy for practical language use. Third and fourth-year students may both register for this course. Students will have the opportunity to earn the Washington State Seal of Biliteracy, which acknowledges their ability to speak, read, and write in Spanish and English. Students who earn the Seal of Biliteracy will have it noted on their transcript, receive a certificate, and be awarded the Seal of Biliteracy medallion to wear at graduation. This course must be taken in sequence with Spanish 103 (CiHS).

World Language / Elective – Grades: 9-12**Course Code: FOR301****SPANISH 103 (CiHS)****1.0 credit / 2nd Semester****Prerequisite: Must be taken in sequence with 1st semester Spanish 3.**

First semester of this course uses the same curriculum as Spanish III but at a faster pace. Second semester the class changes to a college course offered through the University of Washington. Spanish 103 follows the UW curriculum, testing policies and grading scales. In this course, students listen to real life spoken Spanish, read authentic texts, and expand their knowledge of language structures and vocabulary. Active participation is essential. Students may earn 5 quarter credits from the UW upon completion. At the end of this course students take a language proficiency test (STAMP) which could earn them additional credits in World Language and the Washington State Seal of Biliteracy. Students who earn the Seal of Biliteracy will have it noted on their transcript, receive a

Elective – Grades: 10-12**Course Code: FOR506**

certificate, and be awarded the Seal of Biliteracy medallion to wear at graduation. Students in this class will receive 1.5 high school credits for the year (.5 for 1st semester Spanish 3 and 1.0 for 2nd semester Spanish 103).

SPANISH HERITAGE LEARNER

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

For Heritage Learners of Spanish (students who are exposed to Spanish at home AND who are proficient in English). This course will focus in reading, writing, speaking and Hispanic history/culture. At the end of the course students take a language proficiency test (STAMP) which could earn them additional credits in World Language and the Washington State Seal of Biliteracy.

Elective / English – Grades: 9-12

Course Code: FOR403/404

SPANISH LANGUAGE ARTS

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

SLA/EL es un curso para estudiantes hispanohablantes que están en clases de aprendizaje Inglés Como Segundo Idioma (ML). El enfoque del curso será lectura, escritura, conversacion, historia y cultura hispana. Al final del curso los estudiantes tomarán un examen de competencia en el lenguaje español (STAMP). Con este examen pueden ganar créditos adicionales en “World Language” y el Sello de Alfabetización Bilingüe del Estado de Washington.

For students who are fluent in Spanish but who are **not yet** proficient in English and are currently taking English Language Learners’ classes. SLA/EL is a Spanish Language Arts course for English learners with a focus in reading, writing, speaking and Hispanic history/culture. At the end of the course, all students will take a language proficiency test (STAMP) which could earn them additional credits in World Language and the Washington State Seal of Biliteracy.

Elective / English – Grades: 9-12

Course Code: FOR407/408

AMERICAN SIGN LANGUAGE 1

.5 credit / 1st Semester

Prerequisite: None (9th grade by Teacher Recommendation)

Students with little or no knowledge of ASL and Deaf Culture will learn how to communicate comfortably in basic situations within the Deaf community using proper vocabulary, grammar, and cultural awareness. Students will also learn about Deaf history. Jobs available with knowledge of ASL will be discussed. This course must be taken in sequence with ASL 1 CiHS (2nd semester).

World Language / CTE / Elective – Grades: 9-11

Course Code: FOV601

AMERICAN SIGN LANGUAGE 1 (CiHS-ASL151)

1.0 credit / 2nd Semester

Prerequisite: Must be taken in sequence with ASL 1 1st semester.

Students with little or no knowledge of ASL and Deaf Culture will learn how to communicate comfortably in basic situations within the Deaf community using proper vocabulary, grammar, and cultural awareness. Students will also learn about Deaf history. Jobs available with knowledge of ASL will be discussed. The course offers five college credits through College in the High School (CiHS) at Central Washington University.

World Language / CTE / Elective – Grades: 10-11

Course Code: FOV151

AMERICAN SIGN LANGUAGE 2 (CiHS-ASL152/153)

1.0 credit / Yearlong

Prerequisite: ASL 1

American Sign Language II is the continuing course in American Sign Language, students go deeper into the language and culture, and history of the Deaf. This will be a predominantly silent class. Students will learn more about using ASL and English for jobs such as interpreting and translating, as well as the organizations that oversee interpreters. Ten College credits can be earned through College in the High School (CiHS) Central Washington University (CWU) Five Per Semester a total of Ten credits for the entire year.

World Language / CTE / Elective – Grades: 11-12

Course Code: FOV152/153

ADDITIONAL ELECTIVES

TEACHER'S ASSISTANT (TA)

.5 credits / Semester

Prerequisite: Teacher recommendation

Duties include typing, correcting papers, running errands, doing lab assistant work and/or other room duties. In some cases, TA's may serve as instructional assistants under the guidance of the teacher. This receives a Pass/Fail Grade.

Elective – Grades: 11-12

Course Code: TAS223/224

TA – ATTENDANCE

.5 credit / Semester

Prerequisite: Teacher permission

Duties include picking up attendance slips, taking and delivering messages, typing, filing, and computer work. Office and computer skills will be necessary. This receives a Pass/Fail Grade.

Elective – Grades: 11-12

Course Code: TAS107/108

TA – COUNSELING CENTER

.5 credit / Semester

Prerequisite: Counselor permission

Duties include delivering messages to classrooms for Counseling Center staff, running errands, greet and assist people who come to the Counseling Center, and assist with Counseling Center projects. Good Customer Service Skills required. This receives a Pass/Fail Grade.

Elective – Grades: 11-12

Course Code: TAS123/124

TA – PEER TUTOR

.5 credits / Semester

Prerequisite: Teacher recommendation

Peer tutors work with other students, under the direction of the teacher, to assist to learn a variety of academic, social, and life skills. Peer tutors are part of the instructional team. Peer tutors must have demonstrated good attendance and responsible behavior in their previous classes. Some class time may be spent off campus participating in community-based activities. This course receives a letter grade.

Elective – Grades: 11-12

Course Code: TAS121/122

TA – LIBRARY

.5 credit / Semester

Prerequisite: Library Staff permission

The library TA supports the library as well as provides Chromebook technology assistance. Library TAs will assist students experiencing Chromebook issues, assist with book check in/out, book filing, etc. TAs will get hands-on training from school staff. This receives a Pass/Fail Grade.

Elective – Grades: 11-12

Course Code: TAS145/146

RESTORATIVE CENTER PEER MENTOR

.5 credit / Semester

Prerequisite: Application and Teacher/Counselor permission

In this course, students will staff the Restorative Center. They will learn about Restorative Practices, a social science that studies how to strengthen relationships between individuals as well as build social connections. Students will apply their learning as they serve in leadership roles, facilitate community building activities, responsive restorative circles and conferences with peers and staff. Students will integrate elements of social justice and transformation to support our campus and community. This receives a Pass/Fail Grade.

Elective – Grades: 11-12

Course Code: TAS125/126

STUDENT SKILLS FOR SUCCESS

1.0 credit / Yearlong

Prerequisite: Teacher or Counselor recommendation

Student Skills for Success is a supportive, engaging course designed to help freshmen navigate the transition into high school. Students will develop essential academic, organizational, and time management skills while building confidence and independence. The class also focuses on social-emotional growth, effective communication, and goal setting. Through interactive activities and peer collaboration, students will gain the tools needed to thrive in high school and beyond.

Elective – Grade: 9

Course Code: MIS121/122

LEADERSHIP

.5 credit / Semester

Prerequisite: None

This is a class designed to introduce students to the foundation of student leadership. Students will become effective leaders by developing skills through classroom instruction, project-based learning, and self-discovery. Skill development will focus on character building, the eight essentials and understanding the servant leadership model. This course will also support the advanced leadership class through school wide service projects as well as assembly preparations, student recognition, and spirit week support. This course is intended for students who have a passion in serving NTHS and desire to be more involved in student events and activities. No previous leadership experience is required. **May be repeated for additional credit with Instructor permission.*

Elective – Grades: 9-10

Course Code: MIS200/201

ADVANCED LEADERSHIP**1.0 credit / Yearlong****Prerequisite: Intro to Leadership preferred and/or Teacher permission**

This is a class designed to help students become effective leaders by developing skills through school service, community service and class instruction. Students will create, design, organize and manage a variety of events and activities at school and in the community. Skill development will focus on communication skills, group process and dynamics, managerial skills and human relations. ASB Officers, Senior class officers, and Junior Class Officers are required to take the year-long course. **May be repeated for additional credit with Instructor permission.*

Elective – Grades: 10-12**Course Code: MIS300/301****AVID 9****1.0 credit / Yearlong****Prerequisite: Teacher or Counselor recommendation**

AVID 9 is an elective course for 9th grade students where they'll learn WICOR (writing, inquiry, collaboration, organization and reading), as well as engage in tutorials weekly. The course focuses on helping students succeed in rigorous high school courses and prepare for college entrance or entry into highly skilled CTE post-secondary programs.

Elective – Grade: 9**Course Code: AVI101/102****YEARBOOK****1.0 credit / Yearlong****Prerequisite: Application and Teacher recommendation**

Students participate in a practical, hands-on, student-produced yearbook experience, developing their skills in photography, writing, interviewing, communication, layout, business operation, advertising, promotion, and management. Some assignments may include tasks outside of class, including business ad sales. Students should expect to invest 2-3 hours of out-of-class time each week. This full-year class is by invitation only--the application/interview process begins in March. *College credits for this class may be available through CTE Dual Credit.*

CTE / Fine Art / Elective – Grades: 10-12**Course Code: BUV741/742**

SUPPORT SERVICES

MULTILINGUAL LEARNERS (MLL)

ENGLISH FOUNDATIONS 1

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

This class is designed to give newcomer Multilingual Learners who have no prior academic knowledge of English. Students will acquire the basic of English Language, culture, and access to technology. The course provides an opportunity for emerging multilingual learners to develop entry-level academic skills while building familiarity with campus life.

Elective – Grades: 9-12

Code: MLL120/121

ENGLISH FOUNDATIONS 2

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

This class is intended for beginning/developing multilingual learners. Students will continue to practice academic English and communication skills to prepare for greater integration into mainstream classes. This class may be repeated.

Elective – Grades: 9-12

Course Code: MLL130/131

ENGLISH INTERMEDIATE

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

For multilingual learners building skills towards proficiency after successfully completing English Foundations 1 & 2. Students read near grade level, learn and practice academic writing, and use intermediate level grammar. Course content builds on inherent funds of knowledge ML students bring to the classroom.

Elective – Grades: 9-12

Course Code: MLL201/202

ENGLISH TRANSITION

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

For multilingual learners developing skills towards proficiency in English. Students read near grade level, practice different forms of writing and use advanced-level grammar. Course content builds on the inherent funds of knowledge multilinguals bring to the classroom.

English / Elective – Grades: 9-12

Course Code: MLL211/212

ENGLISH COMPOSITION

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

For advanced-level students who have completed Transitional English but have not yet achieved proficiency on the WIDA ACCESS assessment, this course will provide continued opportunities to enhance reading and writing skills. Students will also focus on developing organizational and study strategies aimed at improving overall academic performance.

Elective – Grades: 9-12

Course Code: MLL301/302

ELA PATHWAYS

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

For multilingual learners who have completed English Transition but will benefit from additional academic English Language Development while earning an English Language Arts credit. The course integrates language acquisition standards alongside ELA standards to build essential literacy and communication skills.

English / Elective – Grades: 9-12

Course Code: MLL311/312

PRE-ALGEBRA E

1.0 credit / Yearlong

Prerequisite: Teacher placement

This class is for students currently enrolled in the ML program. This class is designed to build ML student math ability and language fluency for success in Algebra 1. The focus of the class will be operations with integers and fractions, simplifying and solving equations, and graphing linear equations.

Math – Grades: 9-12

Course Code: MAT093/094

ALGEBRA 1 E

1.0 credit / Yearlong

Prerequisite: Teacher placement for ML students who passed 8th grade math or Pre-Algebra

This class is for students currently enrolled in the ML program. Algebra 1 is the first course of the 3-year high school math sequence. Students will learn how to simplify and solve equations and inequalities, how to solve systems of equations, and how to identify, graph and solve linear, exponential, and quadratic functions. Instructional materials for the course are from Pearson's enVision Algebra 1 curriculum. Must be taken by 10th grade for on-time graduation pathway.

Math – Grades: 9-12

Course Code: MAT113/114

SPANISH HERITAGE LEARNER**1.0 credit / Yearlong****Prerequisite: Teacher recommendation**

For Heritage Learners of Spanish (students who are exposed to Spanish at home AND who are proficient in English). This course will focus in reading, writing, speaking and Hispanic history/culture. At the end of the course students take a language proficiency test (STAMP) which could earn them additional credits in World Language and the Washington State Seal of Biliteracy.

Elective / English – Grades: 9-12**Course Code: FOR403/404****SPANISH LANGUAGE ARTS****1.0 credit / Yearlong****Prerequisite: Teacher recommendation**

SLA/EL es un curso para estudiantes hispanohablantes que están en clases de aprendizaje Inglés Como Segundo Idioma (ML). El enfoque del curso será lectura, escritura, conversacion, historia y cultura hispana. Al final del curso los estudiantes tomarán un examen de competencia en el lenguaje español (STAMP). Con este examen pueden ganar créditos adicionales en “World Language” y el Sello de Alfabetización Bilingüe del Estado de Washington.

For students who are fluent in Spanish but who are **not yet** proficient in English and are currently taking English Language Learners’ classes. SLA/EL is a Spanish Language Arts course for English learners with a focus in reading, writing, speaking and Hispanic history/culture. At the end of the course, all students will take a language proficiency test (STAMP) which could earn them additional credits in World Language and the Washington State Seal of Biliteracy.

Elective / English – Grades: 9-12**Course Code: FOR407/408****SPECIAL EDUCATION (IEP)****GENERAL MATH 2****1.0 credit / Yearlong****Prerequisite: IEP**

This course will review previously taught math concepts, as well as focus on individual IEP goals and objectives. In addition, topics of study included: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

Math – Grades: 9-12**Course Code: MAS083/084****PRE-ALGEBRA 1****1.0 credit / Yearlong****Prerequisite: IEP**

This course is designed to reinforce and accelerate mathematics learning for students who are not yet prepared for rigors of Algebra 1. Topics of study included: language of algebra, integers, addition and subtraction equations, multiplication and division equations, proportional reasoning and probability, functions and graphs, linear equations, powers and roots polynomials.

Math – Grades: 9-12**Course Code: MAS095/096****PRE-ALGEBRA 2****1.0 credit / Yearlong****Prerequisite: IEP**

This course is designed to reinforce and accelerate mathematics learning for students who are almost prepared for rigors of Algebra 1. Topics of study included: language of algebra, integers, addition and subtraction equations, multiplication and division equations, proportional reasoning and probability, functions and graphs, linear equations, powers and roots polynomials.

Math – Grades: 9-12**Course Code: MAS097/098****ENGLISH 9****1.0 credit / Yearlong****Prerequisite: IEP**

This full year class focuses on reading, writing, and speaking skills. Students will study vocabulary, and read and respond to novels, short stories, and poetry. Writing tasks include journals, essays, reports, and memos. The class will help struggling learners to be successful in challenging academic classes. Students will learn skills to help them make the transition to general education classes.

English – Grades: 9-10**Course Code: ENS101/102****ENGLISH 10****1.0 credit / Yearlong****Prerequisite: IEP**

This full year class focuses on reading, writing, and speaking. Students will study vocabulary, and read and respond to novels, short stories, and poetry. Writing tasks include journals, essays, reports and memos. Students will learn skills to help them make the transition to general education classes.

English – Grades: 10-11**Course Code: ENS201/202****ENGLISH 11****1.0 credit / Yearlong****English – Grades: 11-12****Course Code: ENS301/302**

Prerequisite: IEP

This course focuses on reading, writing, and speaking skills. Students will study vocabulary, and read and respond to novels, short stories, and poetry. Writing tasks include journals, essays, reports, and memos. Students will learn skills to help them make the transition to general education classes.

ENGLISH 12

1.0 credit / Yearlong

Prerequisite: IEP

This course focuses on reading, writing, and speaking skills. Students will study vocabulary, and read and respond to novels, short stories and poetry. Writing tasks include journals, essays, reports, and memos. Students will learn skills to help them make the transition to general education classes.

English – Grades: 11-12

Course Code: ENS401/402

PERSONAL HEALTH & SAFETY

1.0 credit / Yearlong

Prerequisite: IEP

This course is devoted to developing better communication skills and strategies that address pro-social behavior, ensuring your ability to interact and work effectively with others. Instruction focuses on self and social awareness, self and social management, self-efficacy, and social engagement. You will monitor your own progress in classes based on your individual IEP goals and objectives. Some of the work may also apply to life skills, for example job applications, responding to interview questions, etc. The goal is to build on the knowledge you already have and prepare you for the future.

Elective – Grades: 9-12

Course Code: SUP305/306

ADVOCACY

1.0 credit / Yearlong

Prerequisite: IEP

Advocacy teaches students social thinking skills. Students will develop skills in understanding perspective, thinking about their own actions, listening with their eyes, non-verbal communication, and using context to understand a message. These skills are crucial for students to understand to successfully communicate in school, in life and at work. Along with social thinking skills, students also learn life skills that will help them be successful and independent outside of the school setting.

Elective – Grades: 9-12

Course Code: SUP132

SECONDARY TRANSITIONS

1.0 credit / Yearlong

Prerequisite: IEP and Teacher recommendation

Students will prepare for post-secondary opportunities including college, vocational training, and employment. They will learn skills for independent living and actively participate in job readiness activities. Students will access the community through public transportation for job shadowing and leisure opportunities.

Elective – Grades: 9-12

Course Code: SUP196/197

SUCCESS ORIENTED PE (SOPE)

.5 credits / Semester

Prerequisite: None

This unique physical education class is designed to give all students a chance to perform at their individual best. Special needs students requiring extra assistance are paired with general education students who serve as 'tutors' to enable them to be more successful in various types of fitness, team, individual, developmental, and alternative activities. The goal of this course is to have fun while fostering self-esteem and building relationships across these student groups. This all-inclusive class is truly enriching for all students involved.

PE / Elective – Grades: 9-12

Course Code: PED135/136

COURSES THAT EARN COLLEGE CREDIT

ADVANCED PLACEMENT AFRICAN AMERICAN STUDIES

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

College credit possible for students who pass the AP exam. This is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course is designed to be the equivalent of an introductory college course in African American studies and related courses. This course fulfills the US History graduation requirement but is also open to seniors as a social studies elective course. Meets NCAA requirement.

Social Studies – Grade: 11-12

Course Code: SOC561/562

ADVANCED PLACEMENT BIOLOGY (CiHS-BIOL101)

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

AP Biology is designed to provide students with a comprehensive exploration of fundamental biological concepts equivalent to an introductory college course. This class covers biochemistry, cellular structure and function, cellular energetics, genetics, evolution, and ecology. Through hands-on investigations, critical thinking exercises, and in-depth discussions, students will develop a deep understanding of the principles that govern living organisms. Students should expect 3-5 hours of homework each week. *College credit possible for students who pass the AP exam or participate in the CiHS program.*

Science / Elective – Grades: 9-12

Course Code: SCI511/512

ADVANCED PLACEMENT CALCULUS AB/1 (CiHS-MATH172)

1.0 credit / Yearlong

Prerequisite: C+ or above in Pre-Calculus or Advanced Algebra 2 and Teacher recommendation

This course will review Pre-Calculus topics and Calculus topics, also: limits, continuity of functions, derivatives and their applications, integrals and their applications, exponential and logarithmic functions, trigonometric functions and their inverses, and analytic geometry. *College credit possible for students that either pass the AP exam or participate in the CiHS Program.*

Math Elective – Grade: 9-12

Course Code: MAT525/526

ADVANCED PLACEMENT CALCULUS BC/2 (CiHS-MATH173)

1.0 credit / Yearlong

Prerequisite: B grade or above in AP Calculus AB and Teacher recommendation

This is a second year Calculus course which will be equivalent to Calculus 3. Units of study include Techniques of Integration, Indeterminate Forms, improper Integrals and Taylor's formulas. Sequences and Series, polar coordinates, and introduction to analytical geometry, and Vector functions. *College credit possible for students that pass the AP exam or participate in the CiHS Program.*

Math Elective – Grade: 10-12

Course Code: MAT527/528

ADVANCED PLACEMENT CHEMISTRY

1.0 credit / Yearlong

Prerequisite: Completion of Chemistry with a B or better and concurrent enrollment in PreCalculus or higher

College credit possible for students who pass the AP exam. The second-year chemistry course is a college level course that provides students with a foundation to support future advanced coursework in science, engineering, and STEM. Students deepen and extend their understanding of chemistry through inquiry-based investigations as they explore atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students perform numerous college level lab experiments and maintain a college level lab notebook. The work will culminate with the AP exam, which can earn either college credit or a course waiver depending on the college the student attends.

Science / Elective – Grades: 11-12

Course Code: SCI521/522

ADVANCED PLACEMENT COMPUTER SCIENCE A

1.0 credit / Yearlong

Prerequisite: None

AP Computer Science A introduces students to fundamental basics from all fundamental basics of programming languages including critical thinking, organizing data (data structures), processing data and problem solving (algorithms), analysis of code and data structures, and the ethical/social implications of computing. The course is taught using JAVA and emphasizes object-oriented programming but includes procedural programming principles as well. *College credit may be earned via signing up for dual credit or scoring well on the AP exam.*

CTE / Science / Math Elective – Grades: 10-12

Course Code: BUV501/502

ADVANCED PLACEMENT ENGLISH LANG. & COMP. (CiHS-ENGL101/102)

1.0 credit / Each Semester

Prerequisite: Teacher recommendation

This college preparatory course is designed to prepare the junior student to read effectively, analyze passages, and write skillfully for a variety of purposes. Students will study short stories, poems, essays, plays, speeches, and novels by American writers. This course replaces the American Literature requirement. This course prepares students to take the AP Language and Composition test. *College credit possible for students that either pass the AP exam or participate in the CiHS Program.*

English / Elective – Grade: 11

Course Code: ENG523/524

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMP.**1.0 credit / Yearlong****Prerequisite:** Teacher recommendation or B grade or higher in English 11, Honors English 11, or AP Lang and Comp

College credit possible for students who pass the AP exam. This college preparatory course is designed to prepare the senior student to write papers and to read literature at the college level. Short stories, poems, plays and novels are studied. After taking this course, a student may elect to take the Advanced Placement Literature and Composition Test in May and attempt to earn college credit.

English / Elective – Grade: 12**Course Code: ENG513/514****ADVANCED PLACEMENT MUSIC THEORY****1.0 credit / Yearlong****Prerequisite:** Teacher recommendation

The course prepares students to take the AP Music Theory exam. Student's ability to read and write musical notation is fundamental. Basic performance skills in voice or instrument. The goal of the course is to develop students' ability to recognize, understand, and describe basic materials and processes of music that are heard/presented in score. Topics include fundamental aural, analytical and composition skills using both listening and written exercises, progressing to include creative tasks, such as harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figure-based notation. This is an after school Independent Study unless there are enough students to offer during the school day.

Fine Arts / Elective – Grades: 10-12**Course Code: MUS501/502****ADVANCED PLACEMENT PHYSICS 1 (CiHS-PHYS111/112)****1.0 credit / Each Semester****Prerequisite:** Algebra 2 and Teacher recommendation

This is an algebra-based, introductory college-level physics course that explores foundational physics topics through inquiry-based investigations and hands-on laboratory work. Students will develop their understanding of kinematics, dynamics, circular motion and gravitation, energy, momentum, rotational motion, simple harmonic motion, and fluids. Emphasis is placed on creating representations, performing mathematical analyses, and engaging in scientific questioning and argumentation. *College credit possible for students that either pass the AP exam or participate in the CiHS Program.*

Science / Elective – Grades: 10-12**Course Code: SCI537/538****ADVANCED PLACEMENT STATISTICS****1.0 credit / Yearlong****Prerequisite:** Passing grade in Algebra 2 or Advanced Algebra 2 and Teacher recommendation

Students in this course will become familiar with the vocabulary, methods, and meaning in the statistics world around them. Computer and calculators will be used to explore the world of data and the patterns which can be found by analyzing this information. This course can be taken concurrently with Pre-Calculus or Calculus.

CTE / Math Elective – Grade: 10-12**Course Code: MAT561/562****ADVANCED PLACEMENT STUDIO ART****1.0 credit / Yearlong****Prerequisite:** One year of Art and Teacher Approval/Recommendation

This advanced, year-long college-level course will assist students in pursuing their artistic interests through a Sustained Investigation. Students will choose one of the following portfolios to develop for the school year: 2D Design, 3D Design or Drawing where they create work that investigates a theme and question. All students will work towards creating a college/career ready portfolio consistent with the expectations for the Advanced Placement Studio Art portfolio review. Successful review of a student portfolio may result in awarded college credit in the visual arts. Each student will work vigorously through classroom assignments, homework, and sketchbook exploration to develop a body of artwork that illustrates the breadth of skill each student is capable of through a variety of media, the quality of work possible, and the depth of thought demonstrating the evolution of their thinking.

Fine Arts / Elective – Grades: 10-12**Course Code: ART501/502****ADVANCED PLACEMENT UNITED STATES HISTORY****1.0 credit / Yearlong****Prerequisite:** Teacher recommendation

College credit possible for students who pass the AP exam. AP United States History is designed to be the equivalent of a two-semester introductory college or university US History course. The students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to present. Students learn to: analyze primary and secondary sources; make historical comparisons; utilize reasoning about contextualization, causation, and continuity and change over time; and develop historical arguments. The course also provides seven themes that students explore throughout the course to make connections among historical developments in different times and places: America in the world; geography and the environment; and culture and society. Students will have the opportunity to score well on the national exam and be prepared for the rigors found in a typical college class.

Social Studies – Grade: 11**Course Code: SOC521/522****ADVANCED PLACEMENT US GOVERNMENT AND POLITICS****1.0 credit / Yearlong****Prerequisite:** Teacher recommendation

College credit possible for students who pass the AP exam. This class covers the structure of the United States government, and the function of American Democracy. The course takes an in depth look at each branch of the American Government, its powers, and the

Social Studies – Grade: 12**Course Code: SOC511/512**

role it plays in modern politics. At the end of the course students may take an extra exam to earn college credit. This class replaces the required .5 Civics/senior social studies class and is also an elective credit.

ADVANCED PLACEMENT WORLD HISTORY

1.0 credit / Yearlong

Prerequisite: Teacher recommendation

College credit possible for students who pass the AP exam. This is a college level course following a curriculum preparing students for the AP Exam. Students investigate significant events, individuals, developments, and processes from approximately 1200 C.E. to the present. Students develop and use skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, continuity and change; and developing historical arguments. The course provides five themes that students explore throughout the course, to make connections among historical developments in different time and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Students will have the opportunity to score well on the national exam as well as be prepared for the rigors found in a college history class.

Social Studies – Grades: 10

Course Code: SOC501/502

AMERICAN SIGN LANGUAGE 1 (CiHS-ASL151)

1.0 credit / 2nd Semester

Prerequisite: Must be taken in sequence with 1st semester ASL 1

Students with little or no knowledge of ASL and Deaf Culture will learn how to communicate comfortably in basic situations within the Deaf community using proper vocabulary, grammar, and cultural awareness. Students will also learn about Deaf history. Jobs available with knowledge of ASL will be discussed. The course offers five college credits through College in the High School (CiHS) at Central Washington University.

CTE / Elective – Grades: 10-11

Course Code: FOV151-2nd semester

AMERICAN SIGN LANGUAGE 2 (CiHS-ASL152/153)

1.0 credit / semester

Prerequisite: Full year of ASL 1

American Sign Language II is the continuing course in American Sign Language, students go deeper into the language and culture, and history of the Deaf. This will be a predominantly silent class. Students will learn more about using ASL and English for jobs such as interpreting and translating, as well as the organizations that oversee interpreters. Ten College credits can be earned (5 per semester) through College in the High School (CiHS) Central Washington University.

CTE / Elective – Grades: 11-12

Course Code: FOV152/153

BEING HUMAN: PAST & PRESENT (CiHS-ANTH107)

1.0 credit / Semester

Prerequisite: None

Exploration of being human throughout the world from the earliest human ancestors to today using archaeological, biological, cultural and linguistic anthropology methods and perspectives. *College credit possible for students that participate in the CiHS Program.*

Social Studies / Elective – Grade: 11-12

Course Code: SOC474

CHILD DEVELOPMENT (CiHS-CDFS232)

.8 credit / Semester

Prerequisite: None

Study the growth and experiences of children from conception to age six. Topics include family planning, pregnancy, birth defects, factors affecting mental, physical and emotional development, selection of appropriate toys, parenting skills, and community resources to help children and families. Explore the different childcare centers and career choices. This course offers college credits through College in the High School (CiHS) at Central Washington University.

CTE / Elective – Grades: 9-12

Course Code: HFV602

FRENCH 103 (CiHS)

1.0 Credit / 2nd semester

Prerequisite: Must be taken in sequence with 1st semester French 3.

This advanced course is taught in the 2nd Semester via the University of Washington College in the High School program. Course materials are chosen and lessons designed by UW French professors but implemented by NTHS's French teacher. In this course students have the opportunity of earning 5 UW credits and beginning an official UW transcript. Students also take the STAMP (Standards based Measure of Proficiency) Exam and can earn 4th year proficiency credit and the WA State Seal of Biliteracy, which acknowledges their ability to speak, read, and write in French and English. Students who earn the Seal of Biliteracy will have it noted on their transcript, receive a certificate, and be awarded a medallion to wear at graduation. The results of this nationally recognized exam can be used as documentation of their highly marketable language skills.

Elective – Grades: 10-12

Course Code: FOR516-2nd semester

HONORS CHEMISTRY (CiHS-CHEM121)

1.0 credit / Yearlong

Science / Elective – Grades: 10-12

Course Code: SCI323/324

Prerequisite: Completion of Algebra 2 with a "B" or better, Score of "3" or "4" on the SBA Math exam, placement into MATH 099 or higher on the ACCUPLACER/CPT exam at SPSCC and successful completion of one year of a high school lab science.

This is a fundamental course for those interested in nursing/allied health and those pursuing a non-science degree. Study of the classification, composition, calculations, and properties (both chemical and physical) of matter at the macroscopic, atomic, and subatomic levels. Includes measurements and conversions, atomic structure, chemical bonding, chemical reactions, molar stoichiometry, and acid/base chemistry. *College credit in Natural Science quarter credits will be earned at SPSCC by earning a C or better in this course.*

INTRO TO EDUCATION (CiHS-EFC250)

1.0 credit / Yearlong

Prerequisite: Application, Interview and Teacher selection

Previously Teacher Education Academy. Students will learn the fundamentals of the educational system and apply instructional best practices in the class. Students will have the opportunity to work with children weekly 1-2 hour internships. Students can also earn up to five *College is High School credits* through Central Washington University Cornerstone program.

CTE / Elective – Grades: 11-12

Course Code: HFV611/612

INTRO TO THEATER (CiHS-TH107)

1.0 credit / Yearlong

Prerequisite: Drama 2 or Teacher permission

Previously called Performing Arts. This course will include full-length productions that will be rehearsed both inside and outside of class and performed as part of the theatre's season. In addition, there will be study of major styles and movements in acting, and the literature that corresponds with them. Dramatic literature, original scripts and improvisation will be performed both within school as part of an integrated curriculum. Independent and outside projects should be expected. *This course can earn 5 College in the High School credits from Central Washington University by earning a "C" grade or better.*

Fine Art / English / Elective – Grades: 10-12

Course Code: ENG639/640

ENVIRONMENT AND SOCIETY (CiHS-ENST202)

1.0 credit / Yearlong

Prerequisite: None

Previously Natural Resource Management. This course introduces students to the physical and cultural dimensions of environmental problems with particular emphasis given to the interaction between ecosystems, basic resources, population dynamics, and culture. *Eligible students can earn college credit through the College in the High School program.*

CTE / Science / Elective – Grades: 10-12

Course Code: AGV500/501

PRE-CALCULUS (CiHS-MATH153/154)

1.0 credit / per semester

Prerequisite: C or above in Algebra 2 and Teacher recommendation

This course includes the analysis of relations, functions and graphs, trigonometry, advanced functions and graphing, discrete mathematics, and an introduction to calculus. *College credit possible for students that participate in the CiHS Program.*

Math Elective – Grades: 10-12

Course Code: MAT435/436

SPANISH 103 (CiHS)

1.0 credit / 2nd Semester

Prerequisite: Must be taken in sequence with 1st semester Spanish 3.

First semester of this course uses the same curriculum as Spanish III but at a faster pace. Second semester the class changes to a college course offered through the University of Washington. Spanish 103 follows the UW curriculum, testing policies and grading scales. In this course, students listen to real life spoken Spanish, read authentic texts, and expand their knowledge of language structures and vocabulary. Active participation is essential. Students may earn 5 quarter credits from the UW upon completion. At the end of this course students take a language proficiency test (STAMP) which could earn them additional credits in World Language and the Washington State Seal of Biliteracy. Students who earn the Seal of Biliteracy will have it noted on their transcript, receive a certificate, and be awarded the Seal of Biliteracy medallion to wear at graduation. Students in this class will receive 1.5 high school credits for the year (.5 for 1st semester and 1.0 for 2nd semester).

Elective – Grades: 10-12

Course Code: FOR506-2nd semester

EARN COLLEGE CREDIT IN HIGH SCHOOL

Dual-credit programs allow students to earn high school and college credit simultaneously. Students can earn dual credit by completing college courses or by completing standardized exams.

The **Launch Year Act** of 2011 requires all public high schools in Washington to work toward increasing the number of dual-credit courses offered to high school students. Although there are a variety of dual-credit programs offered in Washington, not all programs are available at all high schools.

Students who earn college credit in high school are more likely to graduate, enroll in college, and complete college degrees.

College in the High School

College in the High School programs offer college-level academic courses to 10th, 11th, and 12th grade students. Courses are taught at the high school, by high school teachers with approval to teach the course for college credit, with college curriculum, college textbooks, and oversight by college faculty and staff. Students pay tuition. Some state subsidies are available for rural and small schools and for low-income students.

Running Start

Washington's Running Start program gives 11th and 12th grade students the opportunity to take college courses at Washington's community and technical colleges and at Central Washington University, Eastern Washington University, Washington State University, and Northwest Indian College. Running Start courses are regular college courses offered on the college campus. Students pay no tuition; however, they do pay for textbooks, fees, and transportation.

Advanced Placement, International Baccalaureate, and Cambridge International

These programs allow students to take college-level courses, taught by high school teachers, at the high school. Courses are offered in 9th–12th grades, and offerings vary by school.

Upon completion of the course, students take a standardized exam. Scores from the exams are considered by colleges, and varying levels of credit are awarded. Students do not pay tuition, but do pay fees for the final standardized exams. Fee waivers are available for lower-income students.

Use the online [Dual Credit Look-Up Tool](#) to determine which colleges grant credit for which exams and scores.

CTE Dual Credit

The CTE Dual Credit (formerly known as Tech Prep) program helps students transition from high school to postsecondary professional and technical programs. Tech Prep is

a cooperative effort between K-12 schools, community and technical colleges, and the business community to develop applied, integrated academic and technical programs. Courses are taught by high school teachers, at the high school. Students do not pay tuition.

More Dual-Credit Programs

Visit [ReadySetGrad.org](#) to find out more about the following programs: Bright Future Program, Career Link, Early College, Gateways for Incarcerated Youth, Gateway to College, and the Technical College Direct Funded Enrollment Program.

COLLEGE CREDIT PROGRAMS

The following programs help students acquire useful college-level skills and earn college credit while remaining in high school. Students should make an appointment with their counselor at NTHS if they're interested in one of these programs.

COLLEGE IN THE HIGH SCHOOL

College in the high school (CiHS) provides college level courses taught on high school campuses. Courses are taught at the high school, by high school teachers, with college curriculum, college textbooks, and oversight by college faculty and staff. NTHS is looking to expand CiHS offerings every year!

Advantages

- Remain in high school
- Accelerated classes
- Earn both high school and college credit
- No cost for college credits

Student Responsibility

- Meet college course standards

Tuition/Fees

- No cost for college credit

Enrollment Procedure

- Register for college credit with current high school teacher
(or add other UW courses)

RUNNING START

This program allows 11th and 12th grade students to take college courses at various Washington community and technical colleges and at Central Washington University, Eastern Washington University, and Washington State University. Running Start courses are regular college courses offered on the respective college campus.

Advantages

- Accelerated classes
- Earn both high school and college credit
- School district pays tuition

Student Responsibility

- Determine transferability of Running Start college credits
- Plan carefully to ensure credits apply to graduation requirements
- Must meet application/registration deadlines

Tuition/Fees

- Tuition waived; student pays lab fees, books, transportation, and parking

Enrollment Procedure

- Please check the SPSCC Website at <https://spscc.edu/apply/runningstart>

ADVANCED PLACEMENT

In this program, students take rigorous high school courses, taught by high school teachers, at the high school. Upon completion of the course, students may take a standardized exam. Depending on how they score, they may earn college credit. Colleges award varying levels of credit based on exam scores. Credits awarded through these tests are generally recognized at all accredited post-secondary institutions.

Advantages

- Remain in high school
- Accelerated classes
- College credit granted is based on test score

Student Responsibility

- Complete exam registration through Collegeboard

Tuition/Fees

- Exam fee

Enrollment Procedure

- Enroll in the selected AP class
- Take AP test
- Apply to college

COLLEGE CREDIT PROGRAM COMPARISON

	CWU CiHS	RUNNING START	AP COURSES
Learning Environment	High School	College Campus	High School
Age Limitations	Grades 9 – 12	Grades 11 – 12	None
Remains with High School Peers/Friends	Yes	Maybe	Yes
Courses Conflict with Other High School Programs	No	Potentially	No
Programs Conflict with District Academic Calendar	No	Likely	No
Homework Time Available in Class	Likely	Unlikely	Likely
State Revenue Lost to Your School (per FTE)	No	Yes	No
Teacher Qualifications	Approved by CWU. Professional development required	Approved university or college faculty	Approved by school district, Professional development required
College Credit Earned	By meeting CWU course standards; assignments, quizzes, and exams	By meeting individual teacher's course objectives	By score on final standardized exam
Teacher Evaluation	By high school, students, and site visits/observations by CiHS liaison.	By college department and students	By high school administration
Student Eligibility	Placement test or passing previous coursework	Placement test, space available, 11 th /12 th grade	Teacher recommendation
Tuition	None	None	None
Credit Transferability	Accepted by most regional college and universities	Accepted by most regional college and universities	Most colleges require a score of 3 or higher on AP Exam
Other Costs	Placement test fee, if needed	Additional fees for transportation, books, course materials, parking, etc.	AP Exam fee
Other Considerations	CWU resources for success are available to teachers and students.	College classes/teachers do not restrain content to accommodate high school students	Some colleges and universities have different AP Test acceptance policies

NTPS – SPSCC COURSE EQUIVALENCIES 2025 – 2026

Students should check with their high school Counselor for the specific credits they need to complete. Course equivalency is set by the high school. Failure to meet with your high school Counselor on a regular basis could result in not meeting high school graduation requirements. High school credit is granted at a rate of 5 college credits to 1 high school credit.

High School Requirement	Needed HS Credit	Equiv. College Credit	SPSCC Course Options
English			
Junior	1	5	ENGL& 101+ or CMST& 101+ (except CMST&102)
Senior	1	5	ENGL& 101+ or CMST& 101+ (except CMST&102)
Social Studies			
World History	1	5	ECON& 201, 202, HIST& 126, 127, 128, 204, IIS 125, 129, 130, 131, 145, HUM& 121, 140, 240
US History	1	5	HIST& 146, 147, 148
Civics/Government	1	5	POLS& 101, 202, 203
Math			
3rd Math Credit	1	5	MATH 101+
<i>Note: Students are encouraged to complete Algebra II at the high school before attempting to place for college math. CMATH 107, CMATH 146 and AMATH 141 are tuition paid by the student.</i>			
Science			
Lab Science	1	5	BIOL&110+, BOT 101, BOT 210, CHEM&110, CHEM&121, CHEM&161, EARTH 106, GEOL&101, OCEA&101, PHYS&110, PHYS&114, PHYS&221
3rd Science Credit	1	5	Any course in the SPSCC Natural Sciences Distribution (<i>except NUTR& 101</i>)
Health	0.5	3	PE 180, 185, 187, NUTR&101
Fitness	1.5	8	PE 100+
Fine Arts	1	5	ART 101+, DRMA 101+, FILM 116+, MUSC 100+
World Language	2	10	ASL& 121+, CHIN& 121+, FRCH& 121+, GERM& 121+, JAPN&121+, SPAN& 121+
Career and Technical Education	1	5	ACCT 201+, ASL& 121+, AUTO 100+, AEC 101+, BUS 100+, CAP 101+, CCS 101+, CIS 145+, CJ 101+, CMT 105+, CNA 100+, CS 142+, ECED 100+, ENG 235, LGL 111+, MED 101+, FLMP 110+, OFTEC 100+, WELD 101+
Washington State History	NA	5	HIST&214
<i>Note: Washington State History is a non-credit graduation requirement, credit will be applied in Electives</i>			
High School & Beyond Plan	NA	3	CCS 101 (<i>required for all new SPSCC students w/in 1st two quarters</i>)
	NA	2	CCS 102 or 103 or 104
<i>Note: High School & Beyond Plan is a non-credit graduation requirement, credit will be applied in Electives. CCS 101 is required by SPSCC to be completed by all degree seeking students within the first two quarters of enrollment. CCS 102 and 103 are recommended to be taken the same quarter as CCS 101. CCS 104 is intended for students completing a SPSCC Prof/Tech degree to be taken during the last two quarters. Please see you Educational Planner for more information.</i>			
Elective	varies	varies	<i>any course the student meets the prerequisite for at SPSCC</i>

Running Start Funding Limit Table 2024-2025

Enrolled at North Thurston High School			Credit Limit at the College	
Class Period	Weekly	Period FTE	Total HS FTE**	Max Credits
1	300	0.20	0.00-0.20	15
2	300	0.20	0.21-0.27	14
3	300	0.20	0.28-0.33	13
4	300	0.20	0.34-0.40	12
5	300	0.20	0.41-0.47	11
6	300	0.20	0.48-0.53	10
			0.54-0.60	10***
*There are six class periods a day. Weekly minutes is calculated as actual class time plus passing time.			0.61-0.67	8
**To calculate your total FTE add the Period FTE together for all periods you are enrolled in at the high school			0.68-0.73	7
***Students registering for exactly 10 college cr. will be granted a 1 cr. waiver for the 10th cr.			0.74-0.80	6
			0.81-0.87	5
			0.88-0.93	4
			0.94-1.00	3

NEW MARKET SKILLS CENTER COURSES

<https://nmsc.tumwater.k12.wa.us/>

AM SESSION: 7:50 am – 10:20 am

PM SESSION: 11:10 am – 1:40 pm

NMSC Program	Career Pathways
Art and Animation	Graphic Design, Fine Art, Painter, Sculptor, Medical Illustration, Effects Animator, Modeler, Concept Artist, Character Animator, Story Artist, Texture Artist, Video Game Designer
Automotive Service Technology	Automotive Glass Installer, RV Service Technician, Small Engine Mechanic, Diesel Engine Specialist, Automotive Service Technician, Aircraft Technician, Motorcycle Mechanic, Electrical/Electronic Technician, Service Manager, Engineering and Operations Technician
Collision Repair Technology	Automotive Collision Repair Technician, Automotive Refinishing Technician, Automotive Frame Technician, Auto Detailer, Collision Repair Estimator, Auto Service Writer, Auto Detailer, Sheet Metal Technician, Welder, Auto Parts and Supply Sales, and Marine Repair Technician
Construction Trades	Architectural and Civil Drafters, Crane Operators, Plumbers/Pipefitters/Steamfitters, Cabinetmakers and Bench Carpenters, Carpenters, Cement Masons and Concrete Finishers, Construction Management, Construction and Building Inspectors
Cosmetology	Customer Service, Barber, Manicurist, Esthetician, Salon Owner/Operator, Make-Up Artist/Specialist, Hair Stylist, Cosmetologist, Cosmetology Instructor, Permanent Cosmetics
Criminal Justice	Court Clerk, Animal Control Worker, Bailiff, Correctional Officers and Jailer, Dispatcher, Police Officer and Deputy, Court Reporter, Detective and Criminal Investigator, Crime Scene Investigator, Paralegal, Lawyer, Judge
Culinary Arts	Waiter, Food Preparation, Dishwasher, Baker, Butcher, Private Chef, Food Science, Restaurant Manager, Food Journalism, Executive Chef, Hotel Management
Diesel and Marine Technology	Marine Diesel Engine Technician, Diesel Engine Specialist, Watercraft Service Attendant, Ship Engineer, Boiler Operator, Captain of Water Vessel, Heavy Equipment Mechanic, Engine Assembler, Marine Manufacturing
Fire Fighting and EMS	Rescue Worker, Ambulance Driver, Fire Fighter, Forest Fire Fighter, Dispatcher, Forest Fire Inspector, First-Line Supervisors, EMT/Paramedic, Training Officer, Emergency Planning Manager, Emergency Management and Response Coordinator, Fire Marshall, Fire and Life Safety Technology Engineer
Medical Assistant	Medical Assistant
JROTC: Navy National Defense Cadets	Any career pathway! Students from this program will have strong leadership skills, a sense of community, and personal responsibility that would be an asset to any organization.
Professional Medical Careers	Certified Nursing Assistant, Environmental Services, EMT/Paramedic, Home Care Aide, Dental Assistant, Medical Assistant, Phlebotomist, Licensed Practical Nurse, Physical Therapy Aide, Dental Hygienist, Pharmacy Tech, Registered Nurse, Surgical Tech, Radiology Tech, Radiologist, Pharmacist, Dentist, Physician, Surgeon, Specialty Nurse
Veterinarian Assistant	Groomer, Ranch Hand, Animal Trainer, Veterinary Assistant, Animal Control, Veterinary Technician, Animal Behaviorist, Biologist, Educator, Veterinarian
Video Gaming Programming	Software Engineer, Software Developer, Computer Programmer, Engine Programmer, Graphics Programmer, Tools Programmer, AI Programmer, Gameplay Programmer, Physics Engine Programmer, Web Developer/Designer, Software Tester, Virtual Reality Engineer

NEW MARKET SKILLS CENTER AGREEMENT FOR EQUIVALENCY CREDIT

2025 – 2026 School Year

The 11-member school district consortium has approved the following programs for equivalency crediting:

Art and Animation

Fine Arts, CTE, or Elective
.5 credit per semester

Automotive Service Technology

Lab Science, CTE, or Elective
.5 credit per semester

Collision Repair Technology

English, CTE, or Elective
.5 credit per semester

Construction Trades

English, Math, Lab Science, CTE, or Elective
.5 credit per semester

Cosmetology-Centralia or New Market

Lab Science, CTE, or Elective
.5 credit per semester

Criminal Justice

Civics, CTE, or Elective
.5 credit per semester

Culinary Arts

English, Lab Science, CTE, or Elective
.5 credit per semester

Diesel and Marine Technology

English, Math, Lab Science, CTE or Elective
.5 credit per semester

Firefighting and EMS

Lab Science, PE, CTE, or Elective
.5 credit per semester

Medical Assistant

English, Lab Science, CTE, or Elective
.5 credit per semester

JROTC: Navy National Defense Cadet Corps

English, CTE, or Elective
.5 credit per semester

Professional Medical Careers

English, Lab Science, CTE, or Elective
.5 credit per semester

Veterinarian Assistant

English, Lab Science, CTE or Elective
.5 credit per semester

Video Gaming Programming AP

Math, Fine Arts, CTE, or Elective
.5 credit per semester

Students who receive training at skills centers can expect to:

- Have free training (a program fee may apply).
- Develop skills, knowledge, and attitude to successfully entry the workforce or further training.
- Earn up to 3+ high school credits in a full-year program.
- Learn from teachers/partners who come from business and industry.
- Receive information on career and post-secondary opportunities.
- May participate in job shadow, internships, and pre-apprenticeships.
- Participate in a wide range of leadership activities/programs.
- Receive certificates of competency.
- Make the transition from school to work and/or post-secondary education.
- May receive advanced placement and/or college credit through the Tech Prep programs.

New Market is a consortium of 11 districts including: Adna, Centralia, North Thurston, Oakville, Olympia, Rainier, Rochester, Shelton, Tenino, Tumwater, and Yelm. The vision is to prepare students for post-secondary education, apprenticeships, or entrance into the workforce by offering the opportunity to be trained in technical career areas too expensive for a single district to fund. Students are transported to New Market from their home high schools. They spend half their day at the their school and half at the skills center.

NTHS CROSS CREDIT COURSES

Some high school courses can be designated toward graduation requirements in more than one subject category.

COURSE	CREDIT OPTIONS
3D ART/CERAMICS 1 & 2	FINE ART OR CTE
ADVANCED AUTOMOTIVE	SCIENCE, MATH ELECTIVE, OR CTE
ANATOMY MEDICAL PROFESSIONAL	SCIENCE OR CTE
ANIMAL SCIENCE	SCIENCE OR CTE
AP COMPUTER SCIENCE A	SCIENCE, MATH ELECTIVE, OR CTE
AP STATISTICS	MATH ELECTIVE OR CTE
AP STUDIO ART CTE: DRAW/2D/3D	FINE ART OR CTE
APPLIED TECH FOR ROBOTICS	SCIENCE OR CTE
AMERICAN SIGN LANGUAGE 1 & 2	WORLD LANGUAGE OR CTE
BEGINNING & INTERMEDIATE AUTOMOTIVE	MATH ELECTIVE OR CTE
BUSINESS & PERSONAL FINANCE 1 & 2	MATH ELECTIVE OR CTE
BUSINESS & PERSONAL LAW	SOCIAL STUDIES OR CTE
BUSINESS ENGLISH 1 & 2	ENGLISH ELECTIVE OR CTE
DRAMA 1 AND 2	ENGLISH ELECTIVE OR FINE ART
ELECTRONICS	SCIENCE OR CTE
ENVIRONMENT & SOCIETY CIHS	SCIENCE OR CTE
ENVIRONMENTAL SCIENCE	SCIENCE OR CTE
HORTICULTURE	SCIENCE OR CTE
INDEPENDENT LIVING	MATH ELECTIVE OR CTE
INTRO TO THEATER	ENGLISH ELECTIVE OR FINE ART
MATERIAL SCIENCE	SCIENCE OR CTE
MEDICAL TERMINOLOGY & HUMAN BODY SYSTEM	SCIENCE OR CTE
METAL DESIGN	FINE ART OR CTE
PHOTOGRAPHY 1 & 2	FINE ART OR CTE
SPORTS MEDICINE 1 & 2	SCIENCE OR CTE
SPORTS OFFICIATING	PE OR CTE
STEM PHYSICS	SCIENCE OR CTE
STUDIO ART	FINE ART OR CTE
TV STUDIO: RAM CAM	FINE ART OR CTE
VIDEO PRODUCTION	FINE ART OR CTE
WOODS, CONSTRUCTION, & DESIGN	FINE ART OR CTE
YEARBOOK	FINE ART OR CTE

CTE DUAL CREDIT

CTE Dual Credit is a state program for students in career and technical classes to earn college credit for specific Career and Technical Education classes. To earn the simultaneous credit, students must earn the minimum grade each semester and meet certain technical performance competencies outlined by the credit-awarding college. **Questions?** Contact your CTE teacher or school counselor.

COURSE NAME	COLLEGE & CREDITS EARNED
Intro to Marketing	Pierce College (5)
Digital Academy	Pierce College (5)
Yearbook	Clover Park Technical College (4)
AP Computer Science A	Bates Technical College (5) Clover Park Technical College (5) Pierce College (5)
Child Development	Bates Technical College (5) Clover Park Technical College (5) Pierce College (5)
Nutritional Wellness	Clover Park Technical College (5)
Intro to Ed (Semester 1)	Pierce College (5)
Intro to Ed (Semester 2)	Pierce College (3)
Business English	South Puget Sound Community College (5)
Photography 1	Clover Park Technical College (3)
Photography 2	Clover Park Technical College (4)
Video Production	Bates Technical College (5)
Technical Drafting I	Clover Park Technical College (4) South Puget Sound Community College (5)
Architectural Drafting I	Clover Park Technical College (4)
Construction Skills (Block)	Clover Park Technical College (6)
Woodworking	Bates Technical College (6)
Medical Terminology and Human Body Systems	Pierce College (4)
Anatomy Medical Professional	Pierce College (5)
Metal Design	Bates Technical College (2) Clover Park Technical College (5) South Puget Sound Community College (4)
Advanced Metal Design	Bates Technical College (2) Clover Park Technical College (5) South Puget Sound Community College (4)
Beginning & Advanced Horticulture	Clover Park Technical College (5)
Environmental Science	Clover Park Technical College (4)
Animal Science	Clover Park Technical College (5)
Sports Medicine 1	Pierce College (3)
Sports Medicine 2	Pierce College (5)
Beginning & Intermediate Auto	South Puget Sound Community College (5)
Advanced Auto Service	South Puget Sound Community College (5)
Business and Personal Finance 1 & 2	Clover Park Technical College (2)
Advanced Marketing	Pierce College (5)
Entrepreneurship/Student Store	Pierce College (5)

HOW STUDENTS REGISTER FOR CTE DUAL CREDIT

1. **Create an account in the Statewide Enrollment and Reporting System (SERS)**
 - Get started on <https://www.ctesers.org>
 - Create your account (username and password)
 - For your school, select NORTH THURSTON PUBLIC SCHOOLS and your high school from the dropdown
 - Select choices from the *Career Cluster* and *Future Plans* dropdown menus. This information can be edited later.
2. **Add currently-enrolled CTE classes**
 - **Register for credit by searching for and selecting the class currently taking. *You must register in the same semester that you are enrolled in the course.***
 - When searching for a course, be sure that your high school is included in the search field.
 - Check the box next to the class (or classes) for which you want to earn dual credit. *Class Offerings & Complete Registration* screen will appear.
 - Be sure to check the box for your teacher (if there's only one teacher, the box will be checked automatically)
 - To complete registration, click *Save & Register*.
 - A confirmation page and email are generated once the process is complete.
3. **Teacher will verify class performance and access SERS**
 - At the end of the registered course(s), teachers will review grades and additional performance competency to confirm dual credit students have met standards.
 - Once grades are finalized, teachers will access the SERS system and verify registration for dual credit and enter the final grade.

OBTAINING OFFICIAL TRANSCRIPTS

At the end of a student's senior year, they can request a college transcript from the college(s) from which they earned their dual credit. Each school has their own process. *Follow the instructions provided by each college.*

Bates, Clover Park, and Pierce College:

- visit the [PC3 Dual Credit website](#) for instructions on how to register and obtain a transcript.

South Puget Sound Community College:

- visit the [Dual Credit Programs FAQs & Records Information](#) page for steps and information.

POST HIGH SCHOOL PATHWAY INFORMATION

NTHS students have many choices for continuing their education beyond high school. This section of the course catalog describes these opportunities. More detailed information is available in the NTHS Career Center. Detailed information for specific colleges, universities, technical schools, and specialized programs can be found online. It's never too early to start exploring all the options.

Four-Year College and University Admission Requirements

To be accepted to a public or private four-year college or university certain admissions requirements must be met. These requirements include:

- Subjects completed during high school.
- Cumulative grade point average (GPA) beginning with 9th grade.
- Any special requirements specific to the college or university. Some may require specific courses and/or SAT/ACT tests.

Please note: No Washington State 4-year public colleges need a letter of recommendation.

For specific college admissions requirements, look online at the individual college websites.

For the general subject requirements for **Washington State** four-year public colleges and universities refer to the Educational Planning Form found in this course catalog.

Two-Year Community College & Technical College Admission Requirements

Two-year community colleges and technical colleges are open to everyone. A placement test is required and needs to be completed before registering for classes.

Students and parents should be aware that two-year colleges and technical colleges now expect entering freshmen to have successfully completed Algebra 2. Students who have not successfully completed this level of math in high school will most likely take remedial math courses at the college.

Military Programs Admission Requirements

All military programs (enlistment, ROTC, and Academies) require the Armed Services Vocational Aptitude Battery (ASVAB) test and a high school diploma. For ROTC programs and the Academies, the four-year college/university admission requirements listed above must be met. Academy applicants must obtain a nomination from a congressman to be considered for an appointment. Students interested in ROTC or the Academies must contact the local military recruiter in the spring of their junior year.

Apprenticeship Admission Requirements

An apprentice is a wage-earning learner in a specific training program on the job. Admission requirements to apprenticeship programs vary, depending on the characteristics of the occupation. Generally, a prospective apprentice needs to be age 18, and have a high school diploma. Specific information can be obtained from the Bureau of Apprenticeship Training, U. S. Department of Labor, and the Washington Department of Labor and Industries, Apprenticeship Section, and from the NTHS Career Information Center.

Entry Level Employment

Students who plan to go to work directly after high school are encouraged to complete a high school program that includes knowledge and skills related to an CTE interest area. NTHS encourages all students to pursue additional educational training immediately after high school or as adults. Most family-wage jobs in the United States require further education and training, so it is in the student's best interest to continue their education at some point. Students learn how to complete a job application, write a cover letter, compile a resume, and do a job interview in some of the classes offered at NTHS and through the Advisory program.

MINIMUM COLLEGE ADMISSION STANDARDS

An Overview for Students and Parents

College admission requirements set by the HECB

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

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

College Academic Distribution Requirements

(CADRs) refer to college admissions criteria established by the HECB. The term differs from high school graduation requirements that are determined by the State Board of Education and local school districts. Courses meeting CADR are determined by the school district and noted on the transcript with the “B” designation.

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

Freshmen Admission Policy

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

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

- **CADR** (College Academic Distribution Requirements)
- **2.0 Minimum GPA**
- **Official SAT/ACT** test scores sent directly to the college or university

Notes on CADR and Admission Standards

CADR reflect the minimum number of credits required in six subject areas that students must earn to be eligible for routine admission consideration by four-year public baccalaureate institutions. Meeting the minimum college admission standards does not guarantee admission to a public baccalaureate institution. Therefore, students are encouraged to go beyond meeting minimum college admission standards to improve their chances for gaining entry to a public baccalaureate institution. Students should obtain admission information from the institution they wish to attend.

Comprehensive Review of Applications for Admission

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

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

All K-12 and college personnel who advise students on admission to public colleges and universities should obtain a copy of CADR guidelines and other related minimum college admission information at: <https://wsac.wa.gov/college-admissions>.