



# **North Thurston High School**

## **Rams**

### **Course Catalog 2023 - 2024 School Year**

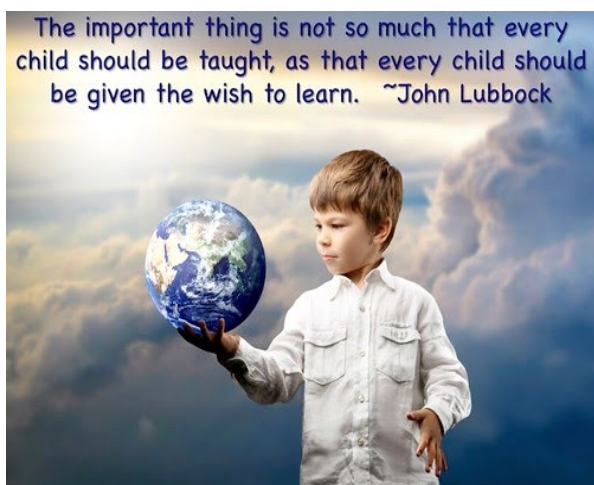
## Introduction

*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 2023 - 2024 school year.*

*Start with the Graduation Requirements. Next, move to the four-year plan for your class. Work on this as a family, recording course and credit information for semesters you have completed and planning for the future. Now is the time to start thinking about life after high school, careers, and post-high school education options.*

*Finally, read the course descriptions to help you select courses. If you need help, ask a teacher, your advisor, counselor, or administrator at North Thurston High School.*

***NTHS is a great school—Make the most of it!***



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## Definitions and Additional Information

### AP or Advanced Placement

AP courses follow a national curriculum and culminate in a national 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.

### CADR

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

### College in the High School - CiH

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. There is a *fee/cost for the courses* but is less expensive (75%) than regular tuition.

### 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. As a general rule students who plan to attend a four-year college or university need to have a minimum cumulative grade point average of 2.7 for 9<sup>th</sup> through 12<sup>th</sup> grades and good test scores on the SAT, ACT or SAT Subject Test. Counselors have information regarding minimum standards for specific CADRs to public baccalaureate colleges and universities in Washington State.

### 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 in the Class of 2022 and beyond are required to earn a total of 24 credits in specific subject areas to graduate.

### 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: 1) *NTPS Summer School*, 2) *Before and After school TA*, 3) *New Market Skill Center Summer School (may include material fees)*, 4) *Worksite Learning* and 5) *APEX Program (senior year)*.

**\*\* The APEX program is designed to help students complete high school credits. Seniors have priority for enrollment.** 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 completing a course will receive a grade (**A-F**) and .5 credits. 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 12 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 passes the appropriate tests. 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.

### **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

### **Late Enrollment**

Students enrolling in a course prior to the 20<sup>th</sup> day of classes will be able to earn full semester 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.

How do I contact the NCAA?

NCAA Eligibility Center

PO Box 7136

Indianapolis, IN 46207

877-262-1492

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

### **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. Page 10-11.

### **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.

**In order to qualify for a PE waiver a student must:**

- 1) Have a note from their doctor excusing them from all PE activity.

**Or a student must:**

- 2) be in their junior or senior year of high school,
  - 3) be enrolled in school full time, with **no** early release, late arrival, other free periods, or TA's
  - 4) have a legitimate reason for being unable to take a PE class.
- To apply for a PE waiver, the junior or senior student must first meet with his/her Counselor to request a waiver form. Students must 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 in to 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, for the amount of credit they are requesting to waive. 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 for the appropriate assessment(s) and will be given a date/time that the assessments will be offered. Once the student completes an assessment, if the score received is within passing range, the waiver will be granted, the student will be notified, and documentation of the waiver will be posted on the student's transcript.

### **Personalized Pathway Requirement**

Pathway is chosen by student based on interests and the High School and Beyond Plan. The Personalized Pathway (PP) requirements are courses that lead to a specific post-High School career or educational outcome chosen by the student based on the student's interests reflected in the High School & Beyond Plan.

Pathways are: **Path 1 – Two-year college, Path 2 – Four-year university, Path 3 – Technical/Trades, Path 4 – Military, Path 5 – Workforce.**

### **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. South Puget Sound also requires a minimum 2.0 high school cumulative GPA. Anyone interested in the Running Start Program should contact his or her counselor in the spring of their sophomore year.

### **State Assessments**

Washington State High School Standardized test requirements 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](http://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.

### **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.

### **What are my options if I don't graduate with my class?**

- Remain at school and work toward meeting your graduation requirements. K-12 public education is free to students until age 21.
- Finish your high school graduation requirements at a community or technical college.
- Begin college courses at a community or technical college without a high school diploma. Earn a high school diploma with your Associates Degree.
- Pursue a GED certificate. A GED is earned after passing a series of tests. Employers who hire for entry-level jobs, college admissions officers and military recruiters, however, may view the GED as inferior to a high school diploma, and in some cases, an unacceptable substitute.

## Grading Policies

The State of Washington has defined the following letter grades and point values to be used for reporting academic achievement on uniform, standardized state transcripts for all grades (9, 10, 11, 12):

A = 4.0 B+ = 3.3 B- = 2.7 C = 2.0 D+ = 1.3 F = 0.0

A- = 3.7 B = 3.0 C+ = 2.3 C- = 1.7 D = 1.0

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.

### Request to Waive a Subject Requirement:

A student may apply to waive a subject requirement and can obtain an application in the Counseling Center. A completed application with an updated four-year education plan showing courses completed and to be taken, must be submitted to the student's counselor for review. The counselor will forward the application with recommendations for approval / disapproval to the principal who will make a final decision on the request. The student will be notified of the principal's decision. Physical education may be waived "on account of physical disability, employment, religious beliefs, or because of participation in directed athletics or military science and tactics, or for other good cause." [RCW 28A.230.050](#). Applications to waive a requirement must be submitted at least **one semester** in advance of the semester for which it is being requested.

*\*Even though a subject requirement is waived, students must still meet the minimum 24 credits required for the diploma.*

### NTHS Policy for Dropping a Class

1. Students may request to drop a class within the first 5 days of the semester. After the 5<sup>th</sup> 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.

2. 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.

3. Students who receive services through Special Education and English Language Learner programs may drop a class if a change of placement is being made by their teacher manager. This change requires counselor/school psychologist approval.

4. 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	C- = 1.7
A- = 3.7	D+ = 1.3
B+ = 3.3	D = 1.0
B = 3.0	F = 0.0
B- = 2.7	NC = 0.0 (not used in GPA calculation)
C+ = 2.3	W = 0.0
C = 2.0	

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. *Example:*

Course	Grade	Point 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

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

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

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

Units Attempted 5.0

### 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

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## Guaranteed Admissions Program

North Thurston Public Schools is partnering with Washington's public four-year colleges and universities in to meeting the college and career goals of Washington's students. We are focused on increasing access for students who wish to attend college. Many of Washington's public baccalaureate institutions offer guaranteed admissions programs for students who meet set criteria.

### Washington Public Baccalaureate Institution Guaranteed Admissions Programs

The Guaranteed Admissions Programs supports direct admissions efforts at [Central Washington University](#), [Eastern Washington University](#), [The Evergreen State College](#), [Western Washington University](#) and [Washington State University](#).

All Guaranteed Admissions programs require two criteria be met for a student 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
- ◆ WSU - GPA 3.6 and CADRs completion. WSU Pullman is 3.0
- ◆ WWU – 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 Admissions Program

To participate in the Guaranteed Admissions Pilot with the public baccalaureate institutions identified above, please log into your Family Access (under online forms) and electronically sign the Guaranteed Admissions Pilot 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 Public 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



# Graduation Pathways



## Career/Technical Field = CTE Course Sequence

- ☐ Complete 2.0 or more credits that either include a dual credit course or lead to an industry recognized credential
- ☐ Complete a Core Plus program

## Military Career Interest = ASVAB Exam (AFQT Section)

- ☐ Score for Class of 2042 = 31
- ☐ Check the State Board of Education website by September 1 annually  
([www.sbe.wa.gov/our-work/graduation-pathway-options/asvab](http://www.sbe.wa.gov/our-work/graduation-pathway-options/asvab))

## Postsecondary Education = English Language Arts (ELA) and Math Courses & Exams

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

- ☐ ACT (ELA = 14; math = 16) or SAT (ELA = 410; math = 430)
- ☐ Dual credit courses (1.0 credit total):
  - o AP/IB/Cambridge: Earn a C+ in state-approved course (each term)
    - o CTE Dual Credit (must earn high school credit)
    - o College in the High School or Running Start courses (local approval)
- ☐ Dual credit exams (for state-approved courses):
  - o AP = 3+
  - o Cambridge = E or better
  - o IB = 4+
- ☐ State assessments:
  - o Smarter Balanced: ELA = 2548; math = 2595
  - o WA-AIM: ELA = 104; math = 103
- ☐ Transition courses (1.0 credit total):
  - o Bridge to College courses have state-level approval
  - o Local articulation agreements between districts and sponsoring colleges



# NTPS High School Graduation Checklist

## Class of 2024 and Beyond

Student Name:	Class of:
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### 24 Credits Required

Subject	# of Credits	Additional Information	Check When Complete (one square = 0.5 Credit)									
English	4											
Math	3	Algebra 1, Geometry, a 3 <sup>rd</sup> credit of math <sup>1</sup>										
Science	3	At least two lab sciences and a 3 <sup>rd</sup> credit of science <sup>1</sup>										
World Studies I, II, III	1.5											
US History	1											
Civics/Government	0.5											
World Language	2	1.0 or 2.0 credits of World Language can be used as part of the student's Personalized Pathway <sup>2</sup>										
Fine, Visual or Performing Arts	2	1.0 credit of Art can be used as part of the student's Personalized Pathway <sup>2</sup>										
Career & Technical Education	1	May be a course that meets the definition of an exploratory course as described in the CTE program standards in <a href="#">RCW 28A.700.010</a>										
Health	0.5											
Fitness	1.5											
Electives	4											

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							

<sup>1</sup> The 3<sup>rd</sup> credit of math and the 3<sup>rd</sup> 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](#).

<sup>2</sup> 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.

Student Name:	Class of:
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<b>COURSE PLAN FOR GRADUATION</b>			
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:

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**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 9<sup>th</sup> 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.

## Cross Credit

### North Thurston High School Cross-Credit/Equivalency Options

Course	Cross-Credit Options
Advanced Automotive (2 period block, 2.0 cr)*	.5 third year Math or 2.0 (CTE)
Animal Science	1.0 Science or 1.0 (CTE)
Annual	1.0 Fine Art or 1.0 (CTE)
AP Statistics	1.0 Math or 1.0 (CTE)
ASL – American Sign Language	1.0 World Language or 1.0 (CTE)
AP Computer Science	1.0 Science or 1.0 Math or 1.0 (CTE)
Beginning and Advanced 3D Art	.5 Fine Art or .5 (CTE)
Beginning and Intermediate Automotive (1.0 cr)*	.5 third year Math or 1.0 (CTE)
Beginning Web Page Design	.5 Fine Art or .5 (CTE)
Business English	.5 English elective or .5 (CTE)
Construction Skills (2 period block, 2.0 cr)*	1.0 third year Math or 2.0 (CTE)
Drama 1 and 2	1.0 English elective or 1.0 Fine Art
Electronics	1.0 Science or 1.0 (CTE)
Environmental Science	1.0 Science or 1.0 (CTE)
Horticulture	.5 Science or .5 (CTE)
Independent Living	.5 third year Math or .5 (CTE)
Metal Design / Welding	.5 Fine Art or .5 (CTE)
Natural Resource Management-Ethnobotany	1.0 Science or 1.0 (CTE)
Personal Finance and Math for Business 1	.5 third year Math or .5 (CTE)
Personal Finance and Math for Business 2	.5 third year Math or .5 (CTE)
Photography 1	.5 Fine Art or .5 (CTE)
Photography 2	.5 Fine Art or .5 (CTE)
Sports Medicine	1.0 Science or 1.0 (CTE)
Stem Physics	1.0 Science or 1.0 (CTE)
Stem Earth Science	1.0 Science or 1.0 (CTE)
Studio Art (Advanced Studio Art pending)	.5 Fine Art or .5 (CTE)

\*By completing the full sequence of Automotive (3.0 credits), students may earn 1.0 Math credit.

### New Market Skills Center Cross-Credit Options

See New Market section of the catalog for this information, page 44 - 45.

## **CAREER & TECHNICAL EDUCATION (CTE)**

### **AGRICULTURE/SCIENCE**

#### **BEGINNING HORTICULTURE 1**

**.5 credit**

**Prerequisite: None**

*College credit available upon teacher approval (Tech Prep)*

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. "Tech Prep Articulation" agreement allows the students who pass with a "B" grade or better may receive 5 credit hours for Hort.100 at SPSCC.

**CTE or Science or Elective - Grades: 9-12**

**Course Code: AGV101**

#### **ADVANCED HORTICULTURE 2**

**.5 credit**

**Prerequisite: Beg. Horticulture 1**

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 or Science or Elective - Grades: 9-12**

**Course Code: AGV202**

#### **ANIMAL SCIENCE**

**1.0 credit**

**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 or Science or Elective - Grades: 10-12**

**Course Code: AGV121-1<sup>st</sup> semester / AGV122-2<sup>nd</sup> semester**

#### **STEM PHYSICS**

**1.0 credit**

**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 or Science - Grades: 9-11**

**Course Code: SCI231-1<sup>st</sup> semester / SCI232-2<sup>nd</sup> semester**

#### **MEDICAL TERMINOLOGY**

**1.0 credit**

**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.

**CTE or Science or Elective – Grades: 10-12**

**Course Code: SCI261-1<sup>st</sup> semester / SCI262-2<sup>nd</sup> semester**

#### **ENVIRONMENTAL SCIENCE**

**1.0 credit**

**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 or Science or Elective - Grades: 10-12**

**Course Code: SCI345-1<sup>st</sup> semester / SCI346-2<sup>nd</sup> semester**

#### **NATURAL RESOURCE**

**MANAGEMENT - ETHNOBOTANY  
TEND, GATHER AND GROW**

**1.0 credit**

**Prerequisite: None**

**CTE or Science or Elective - Grades: 10-12**

**Course Code: AGV155-1<sup>st</sup> semester / AGV156-2<sup>nd</sup> semester**

This course introduces students to natural resource management through the lens of Coast Salish plant traditions, basic botany, ethnobotany, ecology, and environmental science. Based on Tend, Gather, and Grow curriculum, this course engages students in the study of wild and cultivated plants, local landscapes, and the rich cultural traditions that surround them. Students will build skills in scientific observation, food security, health, social/emotional intelligence, and land stewardship.

## **APPLIED TECHNOLOGY**

Learn about the various materials and tools that are common to many types of industrial work. Students are encouraged to try a variety of classes, as the purpose of industrial technology is to offer a wide variety of knowledge and skill.

### **APPLIED TECHNOLOGY FOR ROBOTICS**

**1.0 credit**

**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 or Science or Elective - Grades: 9-12**  
**Course Code: SCI375-1<sup>st</sup> semester / SCI376-2<sup>nd</sup> semester**

### **ELECTRONICS**

**1.0 credit**

**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 or Science or Elective - Grades: 11-12**  
**Course Code: SCI341-1<sup>st</sup> semester / SCI342-2<sup>nd</sup> semester**

*\*Technical Drafting 1,2,3,4 classes are to be taken sequentially. Students may take levels 1,2,3,4 during any period the class is offered. Students wanting any level of Technical Drafting during first semester should sign up for INV675, during second semester INV676. Classes will be sorted into the correct level for each student during the semester.*

### **TECHNICAL DRAFTING 1**

**.5 credit**

**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 are necessary to be successful in this class. *College credits for this class may be available through CTE Dual Credit.*

**CTE or Elective - Grades: 9-12**  
**Course Code: INV675-1<sup>st</sup> semester**

### **TECHNICAL DRAFTING 2**

**Prerequisite: .5 credit  
of Technical Drafting 1**

Students learn how to use AutoCAD 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.

**CTE or Elective - Grades: 9-12**  
**Course Code: INV676-2<sup>nd</sup> semester**

### **TECHNICAL DRAFTING 3**

**Prerequisite: .5 credit  
of 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.

**CTE or Elective - Grades: 10-12**  
**Course Code: INV677**

### **TECHNICAL DRAFTING 4**

**Prerequisite: .5 credit  
of Technical Drafting 3**

Students will go through a complete design and conception process for a mechanical devise. This class is project oriented.

**CTE or Elective - Grades: 10-12**  
**Course Code: INV678**

*\*Architectural Drafting 1,2,3,4 classes are to be taken sequentially. Students may take levels 1,2,3,4 during any period the class is offered. Students wanting any level of Architectural Drafting during first semester should sign up for INV671, during second semester INV672. Classes will be sorted into the correct level for each student during the semester.*

**ARCHITECT DRAFTING & DESIGN 1** CTE or Elective - Grades: 9-12  
.5 credit Course Code: INV671-1<sup>st</sup> 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. *College credits for this class may be available through CTE Dual Credit.*

**ARCHITECT DRAFTING & DESIGN 2** CTE or Elective - Grades: 9-12  
.5 credit Course Code: INV672-2<sup>nd</sup> 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.

**ARCHITECT DRAFTING & DESIGN 3** CTE or Elective - Grades: 10-12  
.5 credit Course Code: INV673

**Prerequisite:** Architectural Drafting 2

Students will draw a complex house plan. Beam sizing, span ratings, and lateral restraint requirements and other building code information will be learned. Additional building component details will be created.

**ARCHITECT DRAFTING & DESIGN 4** CTE or Elective - Grades: 10-12  
.5 credit Course Code: INV674

**Prerequisite:** Architectural Drafting 3

Students will apply all their architectural drafting knowledge to design, engineer and draft a complete set of plans for a large dream house.

*\*Woodworking 1,2 classes are to be taken sequentially. Students may take levels 1,2 during any period the class is offered. Students wanting any level of Woodworking during first semester should sign up for INV651, during second semester INV652. Classes will be sorted into the correct level for each student during the semester.*

**WOODWORKING 1** Occupational or Elective - Grades: 9-12  
.5 credit Course Code: INV651-1<sup>st</sup> semester

**Prerequisite:** None

This course will introduce students to the world of woodworking fundamentals as they pertain to cabinet and furniture making. Instruction will cover safe use of hand and power tools. There are classroom assignments, required projects, and student's chosen projects. Students will be given experience working with the materials, tools and methods used in the Manufacturing Industry. *College credits for this class may be available through CTE Dual Credit.*

**WOODWORKING 2** Occupational or Elective - Grades: 9-12  
.5 credit Course Code: INV652-2<sup>nd</sup> semester

**Prerequisite:** Woodworking 1

This course will introduce students to woodworking fundamentals as they pertain to cabinet and furniture making. Instruction will cover safe use of hand and power tools. There are classroom assignments, required projects, and student's chosen projects. Students will be given experience working with the materials, tools and methods used in the manufacturing Industry.

**CONSTRUCTION SKILLS (BLOCK)** CTE or Math Elective or Elective - Grades: 10-12  
2.0 credit, 2-hr block full year Course Code: INV657-1<sup>st</sup> semester / INV658-2<sup>nd</sup> semester

**Prerequisite:** None

Students will build "Tiny Houses" and sheds for the community. This course will give students the opportunity to acquire skills in the construction trades, project management and entrepreneurship. Students will learn framing, siding, wiring, insulating, dry walling, roofing, painting, project management, cost estimating and design. Students will also learn and apply math concepts to the construction projects. This class is recommended for anyone interested in exploring a career in the construction trades, building supervision, property management, architecture, or engineering. This is a yearlong class that meets for a two-period block. This class is an option for declaring a career pathway and it fulfills the requirement for a third year of math. *Students may take a second year of Construction Skills with teacher permission. (9<sup>th</sup> grade students may be considered for the class under special circumstances and with teacher permission.) College credits for this class may be available through CTE Dual Credit.*

*\*Metal Design/Welding 1 and 2 students may take levels 1 and 2 during any period the class is offered. Students wanting any level of Metal Design/Welding during first semester should sign up for INV665, during second semester INV666.*

**METAL DESIGN / WELDING**  
**(Levels 1 and 2)**

**CTE or Fine Arts or Elective - Grades: 9-12**  
**Course Code: INV665-1<sup>st</sup> semester / INV666-2<sup>nd</sup> semester**

**.5 credit**

**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. *College credits for this class may be available through CTE Dual Credit.*

**ADVANCED METAL DESIGN**  
**(Levels 1 and 2)**

**CTE or Fine Arts or Elective - Grades: 10-12**  
**Course Code: INV667-1<sup>st</sup> semester / INV668-2<sup>nd</sup> semester**

**.5 credit**

**Prerequisite: Metal Design/Welding 1 and/or 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.*

**PHOTOGRAPHY 1**

**CTE or Fine Arts or Elective - Grades: 9-12**

**.5 credit**

**Course code: INV601**

**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.*

**PHOTOGRAPHY 2**

**CTE or Fine Arts or Elective - Grades: 9-12**

**.5 credit**

**Course code: INV602**

**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.

**VIDEO PRODUCTION**

**CTE or Fine Arts or Elective - Grades: 10-12**

**1.0 credit**

**Course Code: INV603-1<sup>st</sup> semester / INV604-2<sup>nd</sup> semester**

**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.

**BEGINNING AUTO CARE**

**CTE or Math Elective or Elective - Grades: 9-12**

**.5 credit**

**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.*

**INTERMEDIATE AUTO CARE**

**CTE or Math Elective or Elective - Grades: 9-12**

**.5 credit**

**Course Code: INV644**

**Prerequisite: Beginning Auto Care and 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.*

**ADVANCED AUTO SERVICE BLOCK** CTE or Math Elective or Elective - Grades: 10-12  
2.0 credit, 2-hr block full year Course Code: INV647-1<sup>st</sup> semester / INV648-2<sup>nd</sup> semester

**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 (on board computers) anti-lock brakes and other high-tech areas. Students use A.S.E. materials & shop work is done to industry standards. The National Automotive Technician Educational Foundation (NATEF) nationally certifies this Automotive Technology program and its instructor. Instruction into the basic Automotive Systems and many exciting automobile related businesses. Program completers may earn industry certification by NATEF. You may receive .5 third year math credit for successfully completing Advanced Auto service. *College credits for this class may be available through CTE Dual Credit.*

**AMERICAN SIGN LANGUAGE 1** Elective - Grades: 10-11  
1.0 credit Course Code: FOV601-1<sup>st</sup> semester / FOV602-2<sup>nd</sup> semester

**Prerequisite:** None

Students will study basic expressive/receptive signing skills essential when communicating with the deaf. Related studies will include historical and contemporary issues of deafness. Topics relevant to deaf culture will be discussed.

**AMERICAN SIGN LANGUAGE 2** Elective – Grades: 11-12  
1.0 credit Course Code: FOV603-1<sup>st</sup> semester / FOV604-2<sup>nd</sup> semester

**Prerequisite:** Pass Sign Language 1 and Teacher recommendation

This is a yearlong course designed to expand the skills learned in Sign Language I. Students will continue to study the grammar vocabulary, and expression necessary to fully develop expressive and receptive signing skills. Emphasis will be placed on signing without the use of voice. Topics relevant to deaf culture will be discussed.

## **BUSINESS TECHNOLOGY/BUSINESS MARKETING**

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

- Complete three (3) or more credits in Business Education Courses (review list below)
- Earn a 'C' or better grade in each course

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

### **COMPUTER APPLICATIONS CERTIFICATE**

Imagine Academy .5 credit

### **BUSINESS CERTIFICATE**

Imagine Academy .5 credit

Business English 1 .5 credit

Business English 2 .5 credit

Math Business and Personal Finance .5 credit

Business and Office Procedures .5 credit

Web Page Design .5 credit

Advanced Web Page Design .5 credit

Law and Justice .5 credit

**IMAGINE ACADEMY 1** CTE or Elective - Grades: 9-12  
.5 credit Course Code: BUW601

**Prerequisite:** None, recommended for all 9th

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.

**BUSINESS ENGLISH 1-2** CTE or English or Elective - Grades: 11-12  
1.0 credit Course Code: BUW609-1<sup>st</sup> semester / BUW610-2<sup>nd</sup> semester  
**Prerequisite:** Imagine Academy (Digital Essentials)

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

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 credits for this class may be available through CTE Dual Credit.*

#### **WEB PAGE DESIGN**

**.5 credit**

**CTE or Elective - Grades: 10-12**

**Course Code: BUV611**

**Prerequisite: None**

Students will learn to create and edit web pages in HTML and advanced Web Editors. The basics of web page design, use of color, photo editing/applications, are essential components of this class. Students will utilize Adobe web publishing products. This course will help prepare students for business as well as further education and training. May not be accepted as fine arts at all four-year universities.

#### **ADVANCED WEB PAGE DESIGN**

**.5 credit**

**CTE or Elective - Grades: 10-12**

**Course Code: BUV612**

**Prerequisite: Web Design and Teacher recommendation**

A continuation of the introduction to Web Page Design. Students will get a chance to explore advanced HTML, Javascripting and media creation. This class may be repeated for additional credit with teacher signature.

#### **ANNUAL**

**1.0 credit**

**CTE or Fine Art or Elective - Grades: 10-12**

**Course Code: BUV741-1<sup>st</sup> semester / BUV742-2<sup>nd</sup> semester**

**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.*

#### **PERSONAL FINANCE AND MATH FOR BUSINESS 1**

**.5 credit**

**CTE or Math Elective - Grades: 10-12**

**Course Code: BUV606**

**Prerequisite: None**

Learn how math relates to the "real world". 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. 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.*

#### **PERSONAL FINANCE AND MATH FOR BUSINESS 2**

**.5 credit**

**CTE or Math Elective - Grades: 10-12**

**Course Code: BUV607**

**Prerequisite: Personal Finance and Math for Business 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.*

#### **ADVANCED PLACEMENT STATISTICS**

**1.0 credit**

**CTE or Math Elective – Grade: 10-12**

**Course Code: MAT561-1<sup>st</sup> semester / MAT562-2<sup>nd</sup> semester**

**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.

#### **ADV PLACEMENT COMPUTER SCIENCE PRINCIPLES**

**1.0 credit**

**CTE, Science, Math, or Elective - Grades: 10-12**

**Course Code: BUV501-1<sup>st</sup> semester / BUV502-2<sup>nd</sup> semester**

**Prerequisite: None**

*College credit possible for students who pass the AP exam.* This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. This course will also give students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. 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.

## **LAW AND JUSTICE**

**.5 credit**

**CTE or Elective - Grades: 11-12**

**Course Code: BUV608**

**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 and society as a whole, 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.*

## **BUSINESS AND OFFICE PROCEDURES 1 AND 2**

**.5 credit**

**CTE or Elective - Grades: 11-12**

**Course Code: BUV603-1<sup>st</sup> semester / BUV604-2<sup>nd</sup> 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 will complete this class entirely online while performing the daily duties of their TA role in the classroom or approved school setting. 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 online 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 will complete this class entirely online while performing the daily duties of their TA role in the classroom or approved school setting. 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 online coursework, as well as daily work for the teacher.

## **PROJECT MANAGEMENT**

**.5 Credit**

**CTE or Elective - Grades: 10-12**

**Course Code: BUV619**

**Prerequisite: None**

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.

## **INTRO TO MARKETING**

**1.0 credit**

**CTE or Elective - Grades: 9-11**

**Course Code: MKV601-1<sup>st</sup> semester / MKV602-2<sup>nd</sup> semester**

**Prerequisite: None, recommended for 10<sup>th</sup> and 11<sup>th</sup>**

Marketing is exciting, important, profitable and one of the most viable business activities around you. You are involved in marketing on a daily basis and 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 throughout this course. Leadership activities will be an option students enrolled in this course. You will have the opportunity to take part in many exciting field trips, meet business professionals and explore careers. DECA membership is encouraged. *College credits for this class may be available through CTE Dual Credit.*

## **ADVANCED MARKETING**

**1.0 credit**

**CTE or Elective - Grades: 10-12**

**Course Code: MKV603-1<sup>st</sup> semester / MKV604-2<sup>nd</sup> semester**

**Prerequisite: Introduction to Marketing and/or Teacher recommendation**

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

This class provides students competency-based learning experiences that integrate classroom 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, mathematics, 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. *College credits for this class may be available through CTE Dual Credit.*

### **SPORTS / EVENT MARKETING**

**.5 Credit**

**CTE or Elective - Grades: 10-12**

**Course Code: MKV609**

**Prerequisite: prior Business Class**

Sports Marketing is a 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. The areas the course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, branding, licensing, economic foundations, human relations, implementation of sports marketing plans as well as other areas of marketing. 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.

### **WORK SITE LEARNING**

**180 hours of work = .5 credit**

**CTE or Elective - Grades: 11-12**

**Course Code: MKV605-1<sup>st</sup> semester / MKV606-2<sup>nd</sup> semester**

**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 work experience may be subsequent, to the qualifying class. See teacher for qualifying concurrent class list.

### **LEADERSHIP / ENTREPRENEURSHIP**

**1.0 credit**

**CTE or Elective - Grades: 11-12**

**Course Code: MKV607-1<sup>st</sup> semester / MKV608-2<sup>nd</sup> semester**

**Prerequisite: Teacher permission**

*College credit available upon teacher approval (Tech Prep)*

The student store serves as a learning lab designed to let students get “hand on” experience in running a small business. Curriculum focuses on understanding the basic steps of small business operations: customer service, leadership training, cash handling, buying and pricing, receiving, merchandising, promotions, loss prevention, employee accountability, and the development of managerial leadership principles. Professional reading, writing, mathematics, and communication is integrated throughout this course. Leadership training is included in the form of the DECA organization and other community activities. Leadership activities will be required of students enrolled in this course.

### **MARKETING SEMINAR**

**1.0 credit**

**CTE or Elective - Grade: 12**

**Course Code: MKV611-1<sup>st</sup> semester / MKV612-2<sup>nd</sup> semester**

**Prerequisite: Teacher permission and 2 years of marketing**

Senior Marketing involves keeping the books for the student store, promoting marketing and DECA throughout the school and community, attending community meetings, and doing project work. Advanced marketing coop work is required with the class therefore, a job must be maintained throughout the year.

## **FAMILY AND CONSUMER SCIENCE**

### **CHILD DEVELOPMENT**

**.5 credit**

**CTE or Elective-Grades: 9-12**

**Course Code: HFV601**

**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. *College credits for this class may be available through CTE Dual Credit.*

### **NUTRITIONAL WELLNESS**

**.5 credit**

**CTE or Elective - Grades: 9-12**

**Course Code: HFV603**

**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.*

**INDEPENDENT LIVING****.5 credit****CTE or Math or Elective - Grades: 11-12****Course Code: HFV606**

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.

**TEACHER EDUC ACADEMY - CiH****1.0 credit****CTE or Elective - Grades: 11-12****Course Code: HFV611-1<sup>st</sup> semester / HFV612-2<sup>nd</sup> semester****Prerequisite: Application, Interview and Teacher selection**

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 will also have the opportunity to earn up to five *College is High School credits* through Central Washington University Cornerstone program.

**SPORTS MEDICINE 1 A/B BEGINNING****1.0 credit****CTE or Elective - Grades: 9-12****Course Code: HFV607-1<sup>st</sup> semester / HFV608-2<sup>nd</sup> semester****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 or games under the supervision of a certified athletic trainer. *College credits for this class may be available through CTE Dual Credit.*

**ADVANCED SPORTS MEDICINE 2****1.0 credit****CTE or Elective - Grades: 10-12****Course Code: HFV627-1<sup>st</sup> semester / HFV628-2<sup>nd</sup> semester****Prerequisite: Sports Medicine 1 A/B 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 have the opportunity to work 10 hours covering practices and games under the supervision of a certified athletic trainer.

## ENGLISH

High school graduation pathway for English is:

- English 9 or Honors English 9
- English 10 or Honors English 10
- English 11 American Literature, Honors English 11 American Literature, AP Language and Composition
- 4<sup>th</sup> Year of English dependent on Post High School Plan

**College preparatory students** should complete four years of English study with heavy emphasis on writing and literature courses. Recommended programs:

- English 9 or Honors English 9
- English 10 or Honors English 10
- English 11 American Literature, Honors English 11 American Literature, AP Language and Composition
- English 12 World Literature, Honors English 12 World Literature, AP Literature and Composition, Creative Writing and Philosophy

These courses meet the Fine Arts graduation requirements for entrance into Washington State public colleges:

- Drama 1
- Drama 2

**ENGLISH 9****1.0 credit****English – Grades: 9****Course Code: ENG111-1<sup>st</sup> semester / ENG112-2<sup>nd</sup> semester****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.

### **HONORS ENGLISH 9**

**English – Grades: 9**

**1.0 credit**

**Course Code: ENG121-1<sup>st</sup> semester / ENG122-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation and summer reading**

This course is designed for students who have demonstrated high ability in previous English classes. Specific emphasis will be placed on essay writing and enhancing reading skills through vocabulary development and the critical analysis of selected novels, short stories, poetry, and plays. The course will also cover research and library skills.

### **ENGLISH 10**

**English - Grades: 10**

**1.0 credit**

**Course Code: ENG211-1<sup>st</sup> semester / ENG212-2<sup>nd</sup> semester**

**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.

### **HONORS ENGLISH 10**

**English - Grade: 10**

**1.0 credit**

**Course Code: ENG221-1<sup>st</sup> semester / ENG222-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

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 11 AMERICAN LITERATURE**

**English - Grade: 11**

**1.0 credit**

**Course Code: ENG311-1<sup>st</sup> semester / ENG312-2<sup>nd</sup> semester**

**Prerequisite: English 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.

### **HONORS ENGLISH 11 AMERICAN LIT**

**English - Grade: 11**

**1.0 credit**

**Course Code: ENG321-1<sup>st</sup> semester / ENG322-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation or Honors English 10. Students must have met standard on ELA SBA.**

This class is designed for students who plan to attend either two or four-year college after high school. Motivated students who have demonstrated strong ability in reading and writing will study advanced writing skills, college preparatory vocabulary and sophisticated literary analysis. Students will study short stories, poetry, plays and novels from American authors.

### **ADVANCED PLACEMENT LANGUAGE AND COMP - CiH**

**English or Elective - Grade: 11**

**1.0 credit**

**Course Code: ENG511-1<sup>st</sup> semester / ENG512-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

*College credit possible for students who pass the AP exam.* 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 and participate in College in the High school credit.

### **ENGLISH 12 WORLD LITERATURE**

**English or Elective - Grade: 12**

**1.0 credit**

**Course Code: ENG411-1<sup>st</sup> semester / ENG412-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

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

### **HONORS ENGLISH 12**

**English or Elective - Grade: 12**

**1.0 credit**

**Course Code: ENG421-1<sup>st</sup> semester / ENG422-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation or Honors English 11 or AP Lang Comp.**

Motivated students who have demonstrated high ability in reading and writing will study advanced writing skills, vocabulary and sophisticated literary analysis. This class is designed for students planning to attend a two or four-year college. Emphasis will be placed on college readiness.

### **CREATIVE WRITING**

**.5 credit**

**English or Elective - Grades: 12**

**Course Code: ENG430**

**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.

**PHILOSOPHY****English or Elective - Grade: 12****.5 credit****Course Code: ENG440****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.

**ADVANCED PLACEMENT****English or Elective - Grade: 12****LITERATURE AND COMPOSITION****Course Code: ENG513-1<sup>st</sup> semester / ENG514-2<sup>nd</sup> semester****1.0 credit****Prerequisite: Teacher recommendation / B grade or higher in Amer Lit, Honors Amer Lit 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.

**BUSINESS ENGLISH 1-2****CTE, English or Elective - Grades: 11-12****1.0 credit****Course Code: BUV609-1<sup>st</sup> semester / BUV610-2<sup>nd</sup> semester****Prerequisite: Digital Essentials**

*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.*

**DRAMA 1****Fine Art or English or Elective - Grades: 9-12****1.0 credit****Course Code: ENG631-1<sup>st</sup> semester / ENG632-2<sup>nd</sup> semester****Prerequisite: None**

In Drama 1, 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; however, it does not meet NCAA English requirements for student athletes.*

**DRAMA 2****Fine Art or English or Elective - Grades: 10-12****1.0 credit****Course Code: ENG633-1<sup>st</sup> semester / ENG634-2<sup>nd</sup> 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 student athletes.*

## **HEALTH AND FITNESS**

**HEALTH****Required - Grades: 9-12****.5 credit****Course Code: HEA101****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.

## **PHYSICAL EDUCATION**

### **GENERAL PHYSICAL EDUCATION**

**.5 credit (per 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 or Elective - Grades: 9-12**

**Course Code: PED101-1<sup>st</sup> semester / PED102-2<sup>nd</sup> semester**

### **FITNESS WALKING**

**.5 credit (per 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 learn how and why fitness walking will improve their personal fitness level. Students will complete a variety of outdoor walking routes on a daily basis to earn credit.

**PE or Elective - Grades: 9-12**

**Course Code: PED127-1<sup>st</sup> semester / PED128-2<sup>nd</sup> semester**

### **AEROBICS FITNESS AND TONING**

**.5 credit (per 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 or Elective - Grades: 9-12**

**Course Code: PED231-1<sup>st</sup> semester / PED232-2<sup>nd</sup> semester**

### **STRENGTH AND CONDITIONING**

**.5 credit (per semester)**

**Prerequisite: None**

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 or Elective - Grades: 9-12**

**Course Code: PED141-1<sup>st</sup> semester / PED142 -2<sup>nd</sup> semester**

### **ENDUROBURN**

**.5 credit (per semester)**

**Prerequisite: None**

This course is a conditioning class for anyone looking to improve their muscular endurance, muscular strength, and flexibility. Enduroburn 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 or Elective - Grades: 9-12**

**Course Code: PED215-1<sup>st</sup> semester / PED216-2<sup>nd</sup> semester**

### **FITNESS SWIM**

**.5 credits (per semester)**

**Prerequisite: None**

Stroke work and conditioning will be the main emphasis.

**PE or Elective - Grades: 9-12**

**Course Code: PED151-1<sup>st</sup> semester / PED152-2<sup>nd</sup> semester**

### **SUCCESS ORIENTED**

#### **PHYSICAL EDUCATION (SOPE)**

**.5 credits (per 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 two student groups. The mentor students will truly have their lives enriched through this class.

**PE or Elective - Grades: 9-12**

**Course Code: PED135-1<sup>st</sup> semester / PED136-2<sup>nd</sup> semester**

### **SPORTS OFFICIATING**

**.5 credit (per semester)**

**Prerequisite: None**

**PE or Elective - Grades: 10-12**

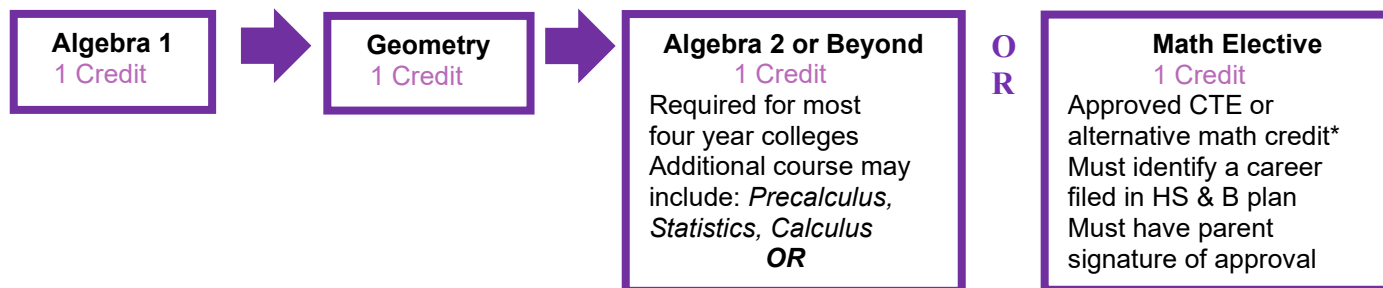
**Course Code: PED311-1<sup>st</sup> semester / PED312-2<sup>nd</sup> semester**



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.

## MATHEMATICS

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, or
  - Math Electives related to their identified career field, matches HSBP Path / 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)

**Note:** Students with an Individual Education Plan will need to earn three credits of Math in accordance with their IEP.

**Mathematics Credits:** Students are required to earn a minimum of three mathematics credits. The first two credits consist of Algebra 1 and Geometry. The third mathematic credit must align with the student's identified pathway. Students may take Algebra 2 or another rigorous high school level math course that meet the student's education and career goals as identified in the student's 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 or calculus prior to their senior year are exempt from the senior year math requirement).

### **PRE-ALGEBRA**

**1.0 credit**

**Elective - Grades: 9**

**Course Code: MAT095-1<sup>st</sup> semester / MAT096-2<sup>nd</sup> semester**

**Prerequisite: Teacher placement**

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. Instructional materials for the course will be from the Pearson enVision Math Grades 7<sup>th</sup> and 8<sup>th</sup> curriculum.

### **ALGEBRA 1**

**1.0 credit**

**Math - Grades: 9-12**

**Course Code: MAT111-1<sup>st</sup> semester / MAT112-2<sup>nd</sup> semester**

**Prerequisite: Passing grade in 8<sup>th</sup> 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 10<sup>th</sup> grade for on-time graduation pathway.

### **ALGEBRA 1 PROFICIENCY**

**1.0 Credit**

**Math- Grades: 9**

**Course Code: MAT115-1<sup>st</sup> semester / MAT116-2<sup>nd</sup> semester**

**Prerequisite: Passing grade in 8<sup>th</sup> grade math OR Pre-Algebra and Teacher placement**

Algebra 1 Proficiency is focused on the fundamental content of a regular Algebra 1 course. Algebra 1 Proficiency 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.

**ALGEBRA 1 ELL****Math - Grades: 9-12****1.0 credit****Course Code: MAT113-1<sup>st</sup> semester / MAT114-2<sup>nd</sup> semester****Prerequisite: Teacher placement for ELL students who passed 8<sup>th</sup> grade math or Pre-Algebra**

This class is for students currently enrolled in the ELL 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 10<sup>th</sup> grade for on-time graduation pathway.

**GEOMETRY****Math - Grades: 9-12****1.0 credit****Course Code: MAT211-1<sup>st</sup> semester / MAT212-2<sup>nd</sup> semester****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.

**GEOMETRY PROFICIENCY****Math - Grades: 10-11****1.0 credit****Course Code: MAT215-1<sup>st</sup> semester / MAT216-2<sup>nd</sup> semester****Prerequisite: Passing grade in both semesters of Algebra 1 and Teacher Placement**

Geometry Proficiency 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****Math - Grades: 9-12****1.0 credit****Course Code: MAT311-1<sup>st</sup> semester / MAT312-2<sup>nd</sup> semester****Prerequisite: Passing grade in both semesters of 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 are also introduced to conic sections, matrices, probability, and statistics. Instructional materials for the course are from Pearson's enVision Algebra 2 curriculum.

**ADVANCED ALGEBRA 2****Math - Grades: 10-12****1.0 credit****Course Code: MAT321-1<sup>st</sup> semester / MAT322-2<sup>nd</sup> semester****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.

**PRECALCULUS****Math Elective – Grades: 9-12****1.0 credit****Course Code: MAT431-1<sup>st</sup> semester / MAT432-2<sup>nd</sup> semester****Prerequisite: Passing grade 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.

**PRECALCULUS - CiH****Math Elective – Grades: 10-12****1.0 credit****Course Code: MAT433-1<sup>st</sup> semester / MAT434-2<sup>nd</sup> semester****Prerequisite: Passing grade 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 in the High School Program (qualifying test through SPSCC).

**ADVANCED PLACEMENT****Math Elective – Grade: 9-12****CALCULUS AB YEAR 1 - CiH****Course Code: MAT521-1<sup>st</sup> semester / MAT522-2<sup>nd</sup> semester****1.0 credit****Prerequisite: Passing grade 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. This course prepares students to take the AP Calculus AB test and participate in College in the High school credit.

**ADVANCED PLACEMENT  
CALCULUS BC YEAR 2****1.0 credit****Prerequisite:** Passing grade in AP Calculus AB and Teacher recommendation

This is a second year Calculus course which will be equivalent to Calculus III. Units of study include: Techniques of Integration, Indeterminate Forms, improper Integrals and Taylor's formulas. Sequences and Series, Calculus in polar coordinates, and introduction to analytical geometry, and Vector functions.

**Math Elective – Grade: 10-12****Course Code:** MAT523-1<sup>st</sup> semester / MAT524-2<sup>nd</sup> semester**PROBABILITY AND STATISTICS****1.0 credit****Prerequisite:** Passing grade in Algebra 2 or Advanced Algebra 2

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.

**Math Elective – Grade: 11-12****Course Code:** MAT5461-1<sup>st</sup> semester / MAT5462-2<sup>nd</sup> semester**ADVANCED PLACEMENT  
STATISTICS****1.0 credit****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 or Math Elective – Grade: 10-12****Course Code:** MAT561-1<sup>st</sup> semester / MAT562-2<sup>nd</sup> semester**ADV PLACEMENT COMPUTER  
SCIENCE PRINCIPLES****1.0 credit****Prerequisite:** None

*College credit possible for students who pass the AP exam.* This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. This course will also give students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. 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.

**CTE, Science, Math, or Elective - Grades: 10-12****Course Code:** BUV501-1<sup>st</sup> semester / BUV502-2<sup>nd</sup> semester**MODELING OUR WORLD  
WITH MATH****1.0 credit****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 or Elective - Grade: 11-12****Course Code:** MAT301-1<sup>st</sup> semester / MAT302-2<sup>nd</sup> semester**BRIDGE TO COLLEGE MATH****1.0 credit****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.

**Math Elective - Grade: 12****Course Code:** MAT401-1<sup>st</sup> semester / MAT402-2<sup>nd</sup> semester**PERSONAL FINANCE AND  
MATH FOR BUSINESS 1****.5 credit****Prerequisite:** None

Learn how math relates to the "real world". 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. Topics included: gross/net income, record keeping, checking/savings accounts, cash purchases, charge and credit accounts and loans.

**CTE or Math Elective - Grades: 10-12****Course Code:** BUV606

**PERSONAL FINANCE AND  
MATH FOR BUSINESS 2**

.5 credit

**Prerequisite: Personal Finance and Math for Business 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.

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

## SCIENCE

### NTPS Science Pathways

**All Students, All Standards**

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).

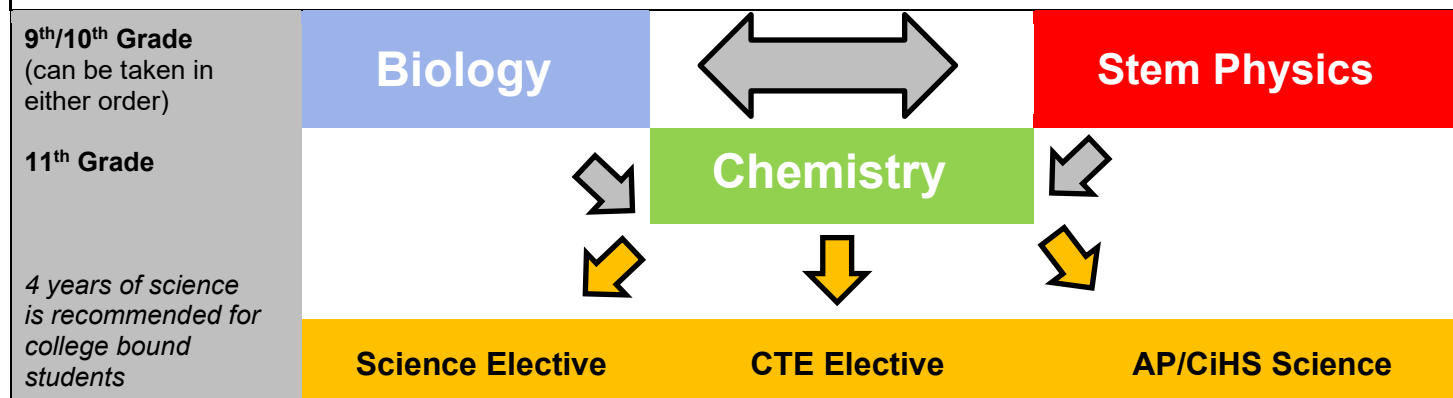
\*denotes a course that may count as a Science or CTE credit

^denotes a course that may also be offered for College in the High School credit

An underlined course name indicates a semester only course (0.5 credit)

Life Science	Physics & Astronomy	Chemistry & Earth
<b>Core Options</b> (must take one): <ul style="list-style-type: none"> <li>Biology</li> <li>AP Biology^</li> </ul> <b>Electives</b> (optional): <ul style="list-style-type: none"> <li><u>Horticulture*</u></li> <li><u>Advanced Horticulture*</u></li> <li>Animal Science*</li> <li>Medical Terminology*</li> <li>Anatomy &amp; Physiology*</li> <li>Natural Resource Mngmt*</li> <li><u>Oceanography</u></li> </ul>	<b>Core Options</b> (must take one): <ul style="list-style-type: none"> <li>STEM Physics*</li> <li>AP Physics^</li> </ul> <b>Electives</b> (optional): <ul style="list-style-type: none"> <li>Electronics*</li> <li>Robotics*</li> <li>AP Computer Science*^</li> <li><u>Astronomy</u></li> </ul>	<b>Core Options</b> (must take one): <ul style="list-style-type: none"> <li>Chemistry^</li> <li>Honors Chemistry^</li> <li>AP Chemistry</li> </ul> <b>Electives</b> (optional): <ul style="list-style-type: none"> <li><u>Geology</u></li> <li>STEM Earth Science*</li> <li>Environmental Science*</li> </ul>

**“CORE” Pathway shown below;** Can be modified to meet the needs of students seeking a CTE pathway, need a transitional year, or are advanced/highly capable students. The vast majority of students will follow the Core Pathway. **Course requirements and/or prerequisites are described in the course catalog.**



**STEM PHYSICS**

1.0 credit

**Prerequisite: None**

**Science or CTE - Grades: 9-11**

**Course Code: SCI231-1<sup>st</sup> semester / SCI232-2<sup>nd</sup> semester**

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.

## **BIOLOGY**

**1.0 credit**

**Science or Elective - Grades: 9-11**

**Course Code: SCI211-1<sup>st</sup> semester / SCI212-2<sup>nd</sup> semester**

**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.

## **ADVANCED PLACEMENT BIOLOGY**

**1.0 credit**

**Science or Elective - Grades: 10-12**

**Course Code: SCI511-1<sup>st</sup> semester / SCI512-2<sup>nd</sup> semester**

**Prerequisite: Chemistry and Teacher recommendation**

*College credit possible for students who pass the AP exam.* AP Biology is a rigorous and demanding course, which is equivalent to an introductory college biology course. It will include the following areas of study: biochemistry, cells, molecular biology, cell reproduction, molecular genetics, heredity, evolution, biodiversity, population genetics, ecology, animal and plant anatomy and physiology.

## **CHEMISTRY**

**1.0 credit**

**Science or Elective - Grades: 9-12**

**Course Code: SCI311-1<sup>st</sup> semester / SCI312-2<sup>nd</sup> semester**

**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.

## **HONORS CHEMISTRY - CiH**

**1.0 credit**

**Science or Elective - Grades: 10-12**

**Course Code: SCI321-1<sup>st</sup> semester / SCI322-2<sup>nd</sup> semester**

**Prerequisite: Completion of Algebra 2 with a "B" or better OR score 3+ on the 10<sup>th</sup> grade Math SBA exam and successful completion of 1-year high school lab science.**

The students in this advanced lab-based course will examine the interrelationships of matter and energy in their everyday environment. Study of 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. This course has potential to be eligible for College in the High school credit.

## **ADVANCED PLACEMENT CHEMISTRY**

**1.0 credit**

**Science or Elective - Grades: 11-12**

**Course Code: SCI521-1<sup>st</sup> semester / SCI522-2<sup>nd</sup> semester**

**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.

## **ADVANCED PLACEMENT PHYSICS 1 – CiH**

**1.0 credit**

**Science or Elective - Grades: 10-12**

**Course Code: SC1531-1<sup>st</sup> semester / SC1532-2<sup>nd</sup> semester**

**Prerequisite: Algebra 2 and Teacher recommendation**

*College credit possible for students who pass the AP exam.* AP Physics is a college level Physics course designed to prepare students to take the AP Physics 1 and Physics 2 tests. Students may receive up to eight college credits upon successful completion of the AP Physics 1 and Physics 2 tests. Students will use a college level textbook and areas of study include: Mechanics, Vectors, Optics, Waves, Electricity and Magnetism, Fluid Mechanics, Modern Physics and Relativity. There will be a strong emphasis on Mathematical Modeling and Problem Solving, as well as numerous college

level labs. Students are required to have a graphing calculator (TI 83-89 are recommended) and students will maintain a lab notebook. This course has potential to be eligible for College in the High school credit.

### **MEDICAL TERMINOLOGY**

**1.0 credit**

**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 or CTE or Elective – Grades: 10-12**

**Course Code: SCI261-1<sup>st</sup> semester / SCI262-2<sup>nd</sup> semester**

### **HUMAN ANATOMY AND PHYSIOLOGY**

**1.0 credit**

**Prerequisite: Biology with a “C” and Teacher recommendation**

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.

**Science or Elective – Grades: 11-12**

**Course Code: SCI361-1<sup>st</sup> semester / SCI362-2<sup>nd</sup> semester**

### **APPLIED TECHNOLOGY FOR ROBOTICS**

**1.0 credit**

**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 or Science or Elective - Grades: 9-12**

**Course Code: SCI375-1<sup>st</sup> semester / SCI376-2<sup>nd</sup> semester**

### **ELECTRONICS**

**1.0 credit**

**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 or Science or Elective - Grades: 11-12**

**Course Code: SCI341-1<sup>st</sup> semester / SCI342-2<sup>nd</sup> semester**

### **ADV PLACEMENT COMPUTER SCIENCE PRINCIPLES**

**1.0 credit**

**Prerequisite: None**

*College credit possible for students who pass the AP exam.* This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. This course will also give students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. 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.

**CTE, Science, Math, or Elective - Grades: 10-12**

**Course Code: BUV501-1<sup>st</sup> semester / BUV502-2<sup>nd</sup> semester**

### **ASTRONOMY**

**.5 credit**

**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 or Elective - Grades: 11-12**

**Course Code: SCI330**

### **GEOLOGY**

**.5 credit**

**Prerequisite: Have taken or currently enrolled in 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 or Elective - Grades: 11-12**

**Course Code: SCI350**

**OCEANOGRAPHY****.5 credit****Science or Elective - Grades: 10-12****Course Code: SCI380****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.

**BEGINNING HORTICULTURE 1****.5 credit****CTE or Science or Elective - Grades: 9-12****Course Code: AGV101****Prerequisite: None***College credit available upon teacher approval (Tech Prep)*

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. "Tech Prep Articulation" agreement allows that students who pass with a "B" grade or better may receive 5 credit hours for Hort.100 at SPSCC.

**ADVANCED HORTICULTURE 2****.5 credit****CTE or Science or Elective - Grades: 9-12****Course Code: AGV202****Prerequisite: Beg. Horticulture 1**

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.

**ANIMAL SCIENCE****1.0 credit****CTE or Science or Elective - Grades: 10-12****Course Code: AGV121-1<sup>st</sup> semester / AGV122-2<sup>nd</sup> semester****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.

**NATURAL RESOURCE****MANAGEMENT - ETHNOBOTANY  
TEND, GATHER AND GROW****1.0 credit****CTE or Science or Elective - Grades: 10-12****Course Code: AGV155-1<sup>st</sup> semester / AGV156-2<sup>nd</sup> semester****Prerequisite: None**

This course introduces students to natural resource management through the lens of Coast Salish plant traditions, basic botany, ethnobotany, ecology, and environmental science. Based on Tend, Gather, and Grow curriculum, this course engages students in the study of wild and cultivated plants, local landscapes, and the rich cultural traditions that surround them. Students will build skills in scientific observation, food security, health, social/emotional intelligence, and land stewardship.

**ENVIRONMENTAL SCIENCE****1.0 credit****CTE or Science or Elective - Grades: 10-12****Course Code: SCI345-1<sup>st</sup> semester / SCI346-2<sup>nd</sup> semester****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.



## **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 1-2 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 (9 <sup>th</sup> )
Grade 10	Advanced Placement World History (10 <sup>th</sup> )
Grade 11	Advanced Placement United States History (11 <sup>th</sup> )
Grade 12	Advanced Placement Government (12 <sup>th</sup> )

### **CONTEMPORARY WORLD ISSUES**

**.5 credit**

**Social Studies – Grade: 9**

**Course Code: SOC112**

**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.

### **HONORS CONTEMPORARY WORLD ISSUES**

**.5 credit**

**Social Studies – Grade: 9**

**Course Code: SOC122**

**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.

### **WORLD STUDIES**

**1.0 credit**

**Social Studies – Grade: 10**

**Course Code: SOC211-1<sup>st</sup> semester / SOC212-2<sup>nd</sup> semester**

**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.

### **ADVANCED PLACEMENT WORLD HISTORY**

**1.0 credit**

**Social Studies – Grades: 10**

**Course Code: SOC501-1<sup>st</sup> semester / SOC502-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

*College credit possible for students who pass the AP exam.* AP World History 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 the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; 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 prepare young adults for the rigors found in a typical college history class.

### **UNITED STATES HISTORY 1-2**

**1.0 credit**

**Social Studies – Grade: 11**

**Course Code: SOC311-1<sup>st</sup> semester / SOC312-2<sup>nd</sup> semester**

**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.



**ADVANCED PLACEMENT  
UNITED STATES HISTORY**

**1.0 credit**

**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 as well as prepare young adults for the rigors found in a typical college history class.

**CIVICS**

**.5 credit**

**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.

**ADVANCED PLACEMENT  
U.S. GOVERNMENT AND POLITICS**

**1.0 credit**

**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.

**PSYCHOLOGY**

**.5 credit**

**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.

**WASHINGTON STATE HISTORY**

**No credit – met/not met**

**Prerequisite:** This course is for students new to the State or for those who have failed Washington State History (PNW) at middle school level

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

**Social Studies – Grade: 11**

**Course Code:** SOC521-1<sup>st</sup> semester / SOC522-2<sup>nd</sup> semester

**Social Studies – Grade: 12**

**Course Code:** SOC410

**Social Studies – Grade: 12**

**Course Code:** SOC511-1<sup>st</sup> semester / SOC512-2<sup>nd</sup> semester

**Elective – Grade: 11-12**

**Course Code:** SOC250

**Social Studies – Grade: 9-12**

**Course Code:** SOC100

## **VISUAL AND PERFORMING ARTS**

**BEGINNING 2D DRAW/PAINT**

**.5 credit**

**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 or Elective - Grades: 9-12**

**Course Code:** ART110

**INTERMEDIATE 2D DRAW/PAINT**

**.5 credit**

**Prerequisite:** Beginning 2D Draw/Paint or Teacher Recommendation

**Fine Arts or Elective - Grades: 10-12**

**Course Code:** ART210

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.

### **ADVANCED 2D DRAW/PAINT**

**1.0 credit**

**Fine Arts or Elective - Grades: 10-12**

**Course Code: ART311-1<sup>st</sup> semester / ART312-2<sup>nd</sup> semester**

**Prerequisite: Beginning and Intermediate 2D Draw/Paint or Teacher Recommendation**

This course is a continuation of Beginning and Intermediate 2D art and will build upon student's understanding of the Elements of Art, Principles of Design, color theory, and a variety of media and techniques. Students will have greater opportunity to pursue their unique artistic voice and visual style while developing a theme for their body of work. Students enrolled in this course should be highly motivated to do advanced artistic work in an independent, fast-paced environment. This is a year-long course.

### **3D ART/CERAMICS 1**

**.5 credit**

**Fine Arts, CTE, or Elective - Grades: 9-12**

**Course Code: ART117**

**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 creative and problem-solving processes via inspiration, brainstorming, planning, executing 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, artistic voice and style, ability to make informed choices, take on other artists' perspectives and possible career pathways and opportunities in the visual arts.

### **3D ART/CERAMICS 2**

**.5 credit**

**Fine Arts, CTE, or Elective - Grades: 10-12**

**Course Code: ART217**

**Prerequisite: 3D Art/Ceramics 1**

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

### **STUDIO ART**

**.5 credit**

**Fine Arts, CTE, or Elective - Grades: 10-12**

**Course Code: ART127**

**Prerequisite: None**

This course is designed for the student to introduce students to a variety of art mediums and techniques, artist portfolios with consideration of art college requirements, and visual art careers. Students will use visual research to choose themes to guide their work, giving students a choice in the content/imagery they create, guided through art medium specific unit. Artists will work through creative problem-solving processes via inspiration, brainstorming, planning, execution, peer feedback and reflection, culminating in a final versatile portfolio. Students will develop and refine a final artist statement and learn about how artists price and sell their work, avenues to become a working artist, and how to market themselves. By the end of the course, students will have grown in studio habits, their artistic voice and style, ability to make informed choices and take on other artists' perspectives.

### **PHOTOGRAPHY 1**

**.5 credit**

**CTE or Fine Arts or Elective - Grades: 9-12**

**Course code: INV601**

**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.*

### **PHOTOGRAPHY 2**

**.5 credit**

**CTE or Fine Arts or Elective - Grades: 9-12**

**Course code: INV602**

**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.

**VIDEO PRODUCTION****1.0 credit****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.

*\*Metal Design/Welding 1 and 2 students may take levels 1 and 2 during any period the class is offered. Students wanting any level of Metal Design/Welding during first semester should sign up for INV665, during second semester INV666.*

**METAL DESIGN / WELDING****(Levels 1 and 2)****.5 credit****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. *College credits for this class may be available through CTE Dual Credit.*

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

**CHORUS****1.0 credit****Prerequisite: None**

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.

**SYMPHONIC CHOIR****1.0 credit****Prerequisite: None**

Symphonic Choir is a mixed ensemble for all voices (soprano, alto, 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 three to four-part mixed intermediate music from all genres.

**JAZZ CHOIR****1.0 credit****Prerequisite: Membership by 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, bosses and coaches. We sing advanced music from jazz, musical theatre, and classical genres.

**CTE or Fine Arts or Elective - Grades: 9-12****Course Code: INV603-1<sup>st</sup> semester / INV604-2<sup>nd</sup> semester****CTE or Fine Arts or Elective - Grades: 9-12****Course Code: INV665-1<sup>st</sup> semester / INV666-2<sup>nd</sup> semester****CTE or Fine Arts or Elective - Grades: 10-12****Course Code: INV667-1<sup>st</sup> semester / INV668-2<sup>nd</sup> semester****Fine Arts or Elective - Grades: 9-12****Course Code: MUS101-1<sup>st</sup> semester / MUS102-2<sup>nd</sup> semester****Fine Arts or Elective - Grades: 9-12****Course Code: MUS211-1<sup>st</sup> semester / MUS212-2<sup>nd</sup> semester****Fine Arts or Elective - Grades: 10-12****Course Code: MUS301-1<sup>st</sup> semester / MUS302-2<sup>nd</sup> semester**

**CONCERT CHORALE****1.0 credit****Fine Arts or Elective - Grades: 10-12****Course Code: MUS201-1<sup>st</sup> semester / MUS202-2<sup>nd</sup> semester****Prerequisite: Membership by audition and/or Teacher recommendation**

Concert Chorale 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.

**STRING ORCHESTRA****1.0 credit****Fine Art or Elective - Grades: 9-12****Course Code: MUS131-1<sup>st</sup> semester / MUS132-2<sup>nd</sup> semester****Prerequisite: Background training on a string instrument or Teacher recommendation**

This orchestra is designed to improve playing techniques and build musicianship. The group performs several times during the school year. Members must wear prescribed concert attire at all performances. Attendance at all performances is required.

**CAMERATA STRINGS****1.0 Credit****Fine Arts or Elective - Grades: 9-12****Course Code: MUS231-1<sup>st</sup> semester / MUS232-2<sup>nd</sup> semester****Prerequisite: Successful Audition or by Teacher recommendation**

This is a moderately advanced upper-level orchestra by audition only or by Teacher Permission for grades 9-12. There will be approximately 5 performances per year. Practicing outside of class is required and is a major grading criterion. Members must wear prescribed concert attire at all performances. Attendance at all performances is required.

**SYMPHONY ORCHESTRA****1.0 credit****Fine Arts or Elective - Grades: 10-12****Course Code: MUS333-1<sup>st</sup> semester / MUS334-2<sup>nd</sup> semester****Prerequisite: Successful audition on a stringed instrument and Teacher recommendation**

A select performing group with approximately eight major performances each year with wind players selected from Symphonic Band Members must wear prescribed concert attire at all performances. Attendance at all performances is required. Membership in this orchestra is strictly by audition or director's recommendation.

**NINTH GRADE BAND****1.0 credit****Fine Arts or Elective - Grades: 9****Course Code: MUS109-1<sup>st</sup> semester / MUS110-2<sup>nd</sup> semester****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.

**CONCERT BAND****1.0 credit****Fine Arts or Elective - Grades: 10-12****Course Code: MUS111-1<sup>st</sup> semester / MUS112-2<sup>nd</sup> semester****Prerequisite: Previous band experience**

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. Attendance before, during and after school is required.

**SYMPHONIC BAND****1.0 credit****Fine Arts or Elective - Grades: 10-12****Course Code: MUS311-1<sup>st</sup> semester / MUS312-2<sup>nd</sup> semester****Prerequisite: One year in Concert Band, successful audition, and Teacher recommendation**

A select performing ensemble for advanced musicians. Marching is a required part of participation in this ensemble. This band performs at football/basketball games, concerts, and pep assemblies. The marching band has a camp during August, plays at home football games, travels to marching competitions, and requires evening and weekend practices through the fall quarter. Members must purchase uniform or pay use and cleaning fees if the school purchases uniform. Attendance before, during and after school is required. This band has approximately ten major performances per year. Membership requires full year enrollment and at least one successful year in the Concert Band.

**JAZZ BAND****1.0 credit****Fine Arts or Elective - Grades: 9-12****Course Code: MUS321-1<sup>st</sup> semester / MUS322-2<sup>nd</sup> semester****Prerequisite: 1) Enrollment in one of the band or orchestra classes, 2) Demonstrated ability to perform all 12 major scales, 3) Successful audition**

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.

**AP MUSIC THEORY****1.0 credit****Fine Arts or Elective - Grades: 10-12****Course Code: MUS501-1<sup>st</sup> semester / MUS502-2<sup>nd</sup> semester****Prerequisite: Teacher recommendation**

This is an Advanced Placement course in music theory. The course will prepare students to take the AP Music Theory exam. The student's ability to read and write musical notation is fundamental. Students also must have at least basic performance skills in voice or on an instrument. The goal of the AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in score. Topics will include fundamental aural, analytical and composition skills using both listening and written exercises, progressing to include more creative tasks, such as the 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 course is an after school Independent Study course unless there are enough students to offer during the regular school day.

**DRAMA 1****1.0 credit****Fine Art or English or Elective - Grades: 9-12****Course Code: ENG631-1<sup>st</sup> semester / ENG632-2<sup>nd</sup> semester****Prerequisite: None**

In Drama 1, 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; however, it does not meet NCAA English requirements for student athletes.*

**DRAMA 2****1.0 credit****Fine Art or English or Elective - Grades: 10-12****Course Code: ENG633-1<sup>st</sup> semester / ENG634-2<sup>nd</sup> 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 student athletes.*

**ANNUAL****1.0 credit****CTE or Fine Art or English Elective or Elective - Grades: 10-12****Course Code: BUV741-1<sup>st</sup> semester / BUV742-2<sup>nd</sup> semester****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.

## WORLD LANGUAGES

**FRENCH 1****GERMAN 1****SPANISH 1****1.0 credit****Course Code: FOR111-1<sup>st</sup> semester / FOR112-2<sup>nd</sup> semester****Course Code: FOR121-1<sup>st</sup> semester / FOR122-2<sup>nd</sup> semester****Course Code: FOR101-1<sup>st</sup> semester / FOR 102 2<sup>nd</sup> semester****Elective - Grades: 9 - 12****Prerequisite: None, students must earn a 70% or better to continue onto 2<sup>nd</sup> semester and a 2<sup>nd</sup> year**

First year language students will have the opportunity to use a second language to understand, speak, read and write. Students will explore cultures and participate in many culture-based activities. Technology will be available as a tool for resource and practice. Total physical response storytelling (TPRS) provides an immersion component to the learning environments.

**FRENCH 2****GERMAN 2****SPANISH 2****1.0 credit****Course Code: FOR211-1<sup>st</sup> semester / FOR212-2<sup>nd</sup> semester****Course Code: FOR221-1<sup>st</sup> semester / FOR222-2<sup>nd</sup> semester****Course Code: FOR201-1<sup>st</sup> semester / FOR202-2<sup>nd</sup> semester****Elective - Grades: 9-12****Prerequisite: Completion of first year course with a 70% or better each semester.**

In second-year courses students will continue to gain competence in the language and continue to develop communicative proficiency. Technology will be available as a tool for research and practice. Total physical response storytelling (TPRS) provides an immersion component to the learning environments.

**FRENCH 3**  
**GERMAN 3**  
**SPANISH 3**  
**1.0 credit**

**Course Code: FOR311-1<sup>st</sup> semester / FOR312-2<sup>nd</sup> semester**  
**Course Code: FOR321-1<sup>st</sup> semester / FOR322-2<sup>nd</sup> semester**  
**Course Code: FOR301-1<sup>st</sup> semester / FOR302-2<sup>nd</sup> semester**  
**Elective - Grades: 10-12**

**Prerequisite: Completion of second year course with a "C" or better.**

Students will become increasingly independent users of the language. Their ability to interact with native speakers will increase. Technology will be available as a tool for research and practice. Third and fourth-year students may both register for this course. Depending on enrollment, the students may meet together but have separate course requirements. Total physical response storytelling (TPRS) provides an immersion component to the learning environments.

**SPANISH 3/103 - CiH**

**Elective - Grades: 10-12**

**.5 (1<sup>st</sup> sem) / 1.0 (2<sup>nd</sup> sem) credit**

**Course Code: FOR505-1<sup>st</sup> semester / FOR506-2<sup>nd</sup> semester**

**Prerequisite: Completion of second year course with final grade of "B" or better and Teacher recommendation**

First semester of this courses uses the same curriculum as Spanish 3 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 structure and vocabulary. Active participation is essential. Students **may** earn 5 quarter credits from the UW if they pay a reduced tuition. 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 Bi-literacy. Students in this class will receive 1.5 high school credits for the year (.5 for 1<sup>st</sup> semester and 1.0 for 2<sup>nd</sup> semester).

**FRENCH 3/103 - CiH**

**Elective - Grades: 10-12**

**.5 (1<sup>st</sup> sem) / 1.0 (2<sup>nd</sup> sem) credit**

**Course Code: FOR515-1<sup>st</sup> semester / FOR516-2<sup>nd</sup> semester**

**Prerequisite: Completion of second year course with final grade of "B" or better and Teacher recommendation**

First semester of this courses uses the same curriculum as French 3 but at a faster pace. *Second semester the class changes to a college course offered through the University of Washington.* French 103 follows the UW curriculum, testing policies and grading scales. In this course, students listen to real life spoken French, read authentic texts, and expand their knowledge of language structure and vocabulary. Active interpersonal communication and participation is essential. Students **may** earn 5 quarter credits from the UW if they pay a reduced tuition. 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. Students in this class will receive 1.5 high school credits for the year (.5 for 1<sup>st</sup> semester and 1.0 for 2<sup>nd</sup> semester). A minimum of 4 students is needed for this class to be offered for UW credit.

**SPANISH LANGUAGE ARTS FOR  
HERITAGE LEARNERS (SLA/HL)**

**Elective and/or English Elective - Grades: 9-12**

**Course Code: FOR403-1<sup>st</sup> semester / FOR404-2<sup>nd</sup> semester**

**1.0 credit**

**Prerequisite: Teacher recommendation**

For Heritage Learners of Spanish (students who are exposed to Spanish at home AND who are proficient in the English language). Este curso de Español Avanzado es para estudiantes con descendencia hispana. El enfoque del curso será lectura, escritura, conversación, historia y cultura hispana. SLA/HL is a course for heritage learners of Spanish with a 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.

**SPANISH LANGUAGE ARTS FOR  
ENGLISH LEARNERS (SLA/ELL)**

**Elective and/or English Elective - Grades: 9-12**

**Course Code: FOR407-1<sup>st</sup> semester / FOR408-2<sup>nd</sup> semester**

**1.0 credit**

**Prerequisite: Teacher recommendation**

SLA/EL es un curso para estudiantes hispanohablantes que están en clases de aprendizaje Inglés Como Segundo Idioma (ELL). 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.

**AMERICAN SIGN LANGUAGE 1**

**Elective - Grades: 10-11**

**1.0 credit**

**Course Code: FOV601-1<sup>st</sup> semester / FOV602-2<sup>nd</sup> semester**

**Prerequisite: None**

Students will study basic expressive/receptive signing skills essential when communicating with the deaf.

Related studies will include historical and contemporary issues of deafness. Topics relevant to deaf culture will be discussed.

### **AMERICAN SIGN LANGUAGE 2**

**1.0 credit**

**Elective – Grades: 11-12**

**Course Code: FOV603-1<sup>st</sup> semester / FOV604-2<sup>nd</sup> semester**

**Prerequisite: Pass Sign Language 1 and Teacher recommendation**

This is a yearlong course designed to expand the skills learned in Sign Language I. Students will continue to study the grammar vocabulary, and expression necessary to fully develop expressive and receptive signing skills. Emphasis will be placed on signing without the use of voice. Topics relevant to deaf culture will be discussed.

## **SUPPORT SERVICES**

### **ENGLISH LANGUAGE LEARNERS**

#### **ELL BEGINNING ENGLISH**

**1.0 credit**

**Elective – Grades: 9-12**

**Code: ESL121-1<sup>st</sup> semester / ESL122-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

This class is intended for beginning ELL students who recently moved to the United States with low proficiency in English. Students will develop communication skills in addition to academic skills to prepare them for greater integration into mainstream classes. Students will also continue to learn basic grammar and sentence structure. This class can be repeated for students who need additional time to develop English proficiency adequate for the Intermediate level.

#### **ELL PHONICS**

**1.0 credit**

**Elective – Grades: 9-12**

**Code: ESL101-1<sup>st</sup> semester / ESL102-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

This class is intended for beginning ELL students who have limited literacy in English and their first language. Students will become familiar with the relationship between sounds of English and the letters that represent them. Students will learn to decode, read high frequency words, and comprehend basic decodable text. This class can be repeated for students who need additional time to develop English proficiency.

#### **ELL APPLIED ENGLISH**

**1.0 credit**

**Elective – Grades: 9-12**

**Course Code: ESL131-1<sup>st</sup> semester / ESL132-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

This class is designed to give newcomer ELL students who have no prior academic knowledge of English time to acquire basic language, culture, and technology literacy. Students will become familiar with life on campus and develop academic skills.

#### **ELL INTERMEDIATE ENGLISH**

**1.0 credit**

**Elective – Grades: 9-12**

**Course Code: ESL201-1<sup>st</sup> semester / ESL202-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

This class is intended for students who achieve the intermediate level of proficiency. Students are required to participate in discussions and academic topics, as well as all language acquisition activities. Students will read young adult level fiction and non-fiction in addition to being exposed to grade level texts.

#### **ELL TRANSITIONAL ENGLISH 1, 2**

**1.0 credit**

**Elective or English - Grades: 9-12**

**Course Code: ESL301-1<sup>st</sup> semester / ESL302-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

For high intermediate to advanced level students. Students will read near grade level fiction and non-fiction. Student will also practice different forms of writing and advanced level grammar.

#### **ELL COMPOSITION**

**1:0 credit**

**Elective – Grades: 9-12**

**Course Code: ESL205-1<sup>ST</sup> semester / ESL206-2<sup>nd</sup> semester**

**Prerequisite: Teacher recommendation**

For advanced level students who complete Transitional English, but do not exit ELL. Students will continue reading and writing practice and develop organization and study skills to improve academic achievement.

## **SPECIAL EDUCATION**

### **S GENERAL MATH 2**

**1.0 credit**

**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: MAS083-1<sup>st</sup> semester / MAS084-2<sup>nd</sup> semester**

### **S PRE-ALGEBRA A**

**1.0 credit**

**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: MAS095-1<sup>st</sup> semester / MAS096-2<sup>nd</sup> semester**

### **S PRE-ALGEBRA B**

**1.0 credit**

**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: MAS097-1<sup>st</sup> semester / MAS098-2<sup>nd</sup> semester**

### **S ENGLISH 9**

**1.0 credit**

**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: ENS101-1<sup>st</sup> semester / ENS102-2<sup>nd</sup> semester**

### **S ENGLISH 10**

**1.0 credit**

**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: ENS201-1<sup>st</sup> semester / ENS202-2<sup>nd</sup> semester**

### **S ENGLISH 11**

**1.0 credit**

**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: ENS301-1<sup>st</sup> semester / ENS302-2<sup>nd</sup> semester**

### **S ENGLISH 12**

**1.0 credit**

**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: ENS401-1<sup>st</sup> semester / ENS402-2<sup>nd</sup> semester**

### **S PERSONAL HEALTH & SAFETY**

**1.0 credit**

**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

**Elective - Grades: 9-12**

**Course Code: SUP305-1<sup>st</sup> semester / SUP306-2<sup>nd</sup> semester**



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.

### **S ADVOCACY**

**1.0 credit**

**Elective - Grades: 9-12**

**Course Code: SUP132**

**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.

### **S SECONDARY TRANSITIONS**

**1.0 credit**

**Elective - Grades: 9-12**

**Course Code: SUP196-1<sup>st</sup> semester / SUP197-2<sup>nd</sup> semester**

**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.

### **S ADAPTIVE PHYSICAL EDUCATION**

**.5 credit**

**PE or Elective - Grades: 9-12**

**Course Code: SUP501-1<sup>st</sup> semester / SUP502-2<sup>nd</sup> semester**

**Prerequisite: None**

The goal of physical education classes at North Thurston High School 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 and adapt to accommodate students with various abilities.

### **SUCCESS ORIENTED**

#### **PHYSICAL EDUCATION (SOPE)**

**.5 credits (per semester)**

**PE or Elective - Grades: 9-12**

**Course Code: PED135-1<sup>st</sup> semester / PED136-2<sup>nd</sup> 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 two student groups. The mentor students will truly have their lives enriched through this class.

### **ENGLISH FOR HEARING IMPAIRED**

**1.0 credit**

**English – Grades: 9 - 12**

**Course Code: SUP138**

**Prerequisite: IEP**

This course is available to deaf and hard of hearing students who qualify for specially designed instruction. This course may include the study of English grammar and vocabulary, reading short stories and novels, writing for a variety of purposes and life skills communication/conversational skills. Instruction will be provided in American Sign Language and/or Contact Sign. Students will also be exposed to assistive technology suitable for deaf students.

## **OPTIONAL EDUCATIONAL EXPERIENCES**

### **AVID 9 - 12**

**1.0 credit**

**Elective - Grade: 9 - 12**

**Course Code: AVI301-1<sup>st</sup> semester AVI302-2<sup>nd</sup> semester**

**Prerequisite: Interview and Teacher or Counselor recommendation**

AVID 9-12 is the AVID elective course for Freshman thru Seniors. Students continue to 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.

### **TEACHER / CLASSROOM / OFFICE ASSISTANTS**

**Students can enroll in only one Teacher Assistant class per semester.**

### **ATTENDANCE ASSISTANT (TA)**

**.5 credit**

**Elective - Grades: 11-12**

**Course Code: TAS107**

**Prerequisite: Teacher recommendation**

Duties include picking up attendance slips, taking and delivering messages, typing, filing, and computer work. Office and computer skills will be necessary.

**COUNSELING CENTER (TA)**

**.5 credit**

**Elective - Grades: 11-12**

**Course Code: TAS123**

**Prerequisite: Counselor recommendation**

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.

**PEER TUTOR (Teachers)**

**.5 credit**

**Elective – Grades: 11-12**

**Course Code: TAS121**

**Prerequisite: Teacher recommendation**

Peer tutors work with other high school students, under the direction of the teacher, to assist these students to learn a variety of academics, social, and life skills. Peer tutors are part of the class instructional team. Those wishing to be a peer tutor 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 receives a letter grade.

**TEACHER’S ASSISTANT – TA**

**.5 credit**

**Elective-Grades: 11-12**

**Course Code: TAS223-1<sup>st</sup> semester / TA224-2<sup>nd</sup> 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.

**RENAISSANCE**

**1.0 credit**

**Elective - Grades: 10-12**

**Course Code: MIS301-1<sup>st</sup> semester / MIS302-2<sup>nd</sup> semester**

**Prerequisite: None**

This course combines the study of leadership principles with the action of building a school-wide culture and climate. In this course students will study topics like Leadership mindset, team building, innovation/impact and more. Students will also engage in creating activities to promote academics, attendance, student connections, and so much more. Renaissance is looking for students who want to get involved and help grow our school to be the world's greatest high school.

**NOTES**

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## NORTH THURSTON PUBLIC SCHOOLS SPSCC Course Equivalencies 2023 - 2024

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
<b>English</b>			
Junior	1	5	ENGL& 101+ or CMST& 101+ (except CMST&102)
Senior	1	5	ENGL& 101+ or CMST& 101+ (except CMST&102)
<b>Social Studies</b>			
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
<b>Math</b>			
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>			
<b>Science</b>			
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 (except NUTR& 101)
<b>Health</b>	0.5	3	PE 180, 185, 187, NUTR&101
<b>Fitness</b>	1.5	8	PE 100+
<b>Fine Arts</b>	1	5	ART 101+, DRMA 101+, FILM 116+, MUSC 100+
<b>World Language</b>	2	10	ASL& 121+, CHIN& 121+, FRCH& 121+, GERM& 121+, JAPN&121+, SPAN& 121+
<b>Career and Technical Education</b>	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+
<b>Washington State History</b>	NA	5	HIST&214
<i>Note: Washington State History is a non-credit graduation requirement, credit will be applied in Electives</i>			
<b>High School &amp; Beyond Plan</b>	NA	3	CCS 101 (required for all new SPSCC students w/in 1st two quarters)
	NA	2	CCS 102 or 103 or 104
<i>Note: High School &amp; 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>			
<b>Elective</b>	varies	varies	any course the student meets the prerequisite for at SPSCC

**Running Start Funding Limit Table 2023 - 2024**

Enrolled at North Thurston High School			Credit Limit at the College	
Class Period	Weekly Minutes*	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 highschool.			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

## Session Schedule

### First Session

Passing Time: 7:43 to 7:50

Class Time: 7:50 to 10:20

Passing Time: 10:20 to 10:28

Lunch: 10:28 to 11:03

### Second Session

Passing Time: 11:03 to 11:10

Class Time: 11:10 to 1:40

Passing Time: 1:40 to 1:48

NMSC Program	Career Cluster
Art and Animation (DPAA)	Graphic Design, Fine Art, Painter, Sculpture, Medical Illustration, Effects Animator, Modeler, Concept Artist, Character Animator, Story Artist, Texture Artist, Video Game Designer
Automotive Service Technology (AST)	Automotive Glass Installer, RV Service Technician, Small Engine Mechanic, Diesel Engine Specialist, Automotive Service Technician, Aircraft Technician, Motorcycle Mechanic, Electrical/Electronic Technician, Service Manager
Collision Repair Technology (CRT)	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 (CT)	Laborer, Architectural and Civil Drafters, Plumbers/Pipefitters/Steamfitters, Heavy Equipment Operator, Cabinetmakers and Bench Carpenters, Carpenters, Cement Masons and Concrete Finishers, Construction and Building Inspectors, HVAC Mechanics and Installers
Cosmetology – Olympia	Customer Service, Barber, Manicurist, Esthetician, Salon Owner/Operator, Make-Up Artist/Specialist, Hair Stylist, Cosmetologist, Cosmetology Instructor, Permanent Cosmetics
Criminal Justice (CJ)	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 (CA)	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 (FS)	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
Manicuring and Nail Care Technician	Successful nail artists are creative people with a strong sense of design and masterful technical abilities. From creativity to product knowledge, our program gives you the skill set you'll need to begin a career in the nail industry
Medical Assistant (MA)	Medical Assistant, Medical Office Biller, Laboratory Assistant, Phlebotomist, Medical Admin Assistant, Certified Medical Coder, Pharmacy Technician, Physical Therapy Assistant, Registered Health Info Tech
Navy National Defense Cadet Corps (NNDCC)	Citizenship, Naval Orientation, Naval Operations, Naval History, Navigation, Seamanship, Leadership, Nautical Astronomy, Electronics, Oceanography curriculums are covered
Professional Medical Careers (PMC)	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 (PVT)	Veterinary Technician, Veterinary Assistant, Animal Control, Animal Keeper, Shelter Attendant, Laboratory Pathologist, Park Forest Ranger, Animal Behaviorist, Educator, Farm or Ranch Hand
Video Gaming Programming AP	Software Engineer, Software Developer, Computer Programmer, Engine Programmer, Graphics Programmer, Tools Programmer, AI Programmer, Gameplay Programmer, Physics Engine Programmer

## **2023-24 School Year**

### **New Market Skills Center Agreements for Equivalency Credit**

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

**Art and Animation**

Geometry, Fine Art or CTE or Elective: .5 credit per semester

**Automotive Service Technology**

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

**Collision Repair Technology**

Junior/Senior English or CTE or Elective: .5 credit per semester

**Construction Trades**

English or Math or Lab Science: .5 credit per semester

**Cosmetology-Olympia**

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

**Criminal Justice**

Social Studies/Civics or CTE or Elective: .5 credit per semester

**Culinary Arts**

Junior/Senior English or Lab Science or CTE: .5 credit per semester

**Diesel and Marine Technology**

English or Math or Lab Science: .5 credit per semester

**Firefighting and EMT**

Lab Science or PE or CTE .5 credit per semester

**Medical Assistant**

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

**Navy National Defense Cadet Corps**

English or CTE or Elective: .5 credit per semester

**Professional Medical Careers**

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

**Veterinarian Assistant**

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

**Video Gaming Programming AP**

3<sup>rd</sup> Year Math or Fine Art or CTE: .5 Lab Science 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 enter 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.

## What Courses are Tech Prep At My High School?

As part of the agreement between Community Colleges and NTHS, credits earned in certain high school technical classes (occupation education) can also be awarded as college credit. Once you have met the requirements and registered to receive credit, you will have a college transcript.

Students may use these credits toward an Associate Technical Arts Degree, as electives, or to enter the military at a higher rank. Students may also transfer the credits to other colleges or universities depending upon their transfer policies. Tech Prep credits may be listed on job applications. At NTHS the following courses are available for earning college credit:

<b><i>Tech Prep Course</i></b>	<b><i>College Course Equivalent</i></b>	<b><i>Credits Earned</i></b>	<b><i>College</i></b>
Business English	Business English - OFTEC 160 (Business English)	5	SPSCC
Photography I	Digital Photography	3	Clover Park
Annual	Electronic Publishing & Layout / Graphic Design	4	Clover Park
Child Development	Child Development	5	Bates/CloverPark/Pierce
Nutritional Wellness	Health, Safety, and Nutrition	5	Bates
Child Development	Child Care Basics - ECED 100	3	SPSCC
Technical Drafting I	Introduction to CAD Drafting	4	Clover Park
Architectural Drafting I	Residential Drafting and Design I	4	Clover Park
Construction Skills (Block)	Carpentry	12	Bates
Woodworking	Basic Carpentry Skills	6	Clover Park
Technical Drafting I	Fundamentals of Drafting (AEC 101)	5	SPSCC
Metal Design/Welding I OR II OR III OR IV	Introduction to Welding - WELD 100	4	SPSCC
Intro to Marketing OR Advanced Marketing	Principles of Marketing - BUS 160	5	SPSCC
Sports Medicine A/B Beginning	Care and Prevention of Injuries	3	Pierce
Begin & Inter Auto OR Advanced Auto Service	Intro to Automotive - AUTO 100	5	SPSCC
Business Math I OR Business Math II	Electronic Business Math	2	Clover Park
Intro to Marketing OR Advanced Marketing	Principles of Marketing - BUS 160	5	SPSCC

Registering for Tech Prep:

1. Go to <https://www.ctesers.org/>
2. Click "Students Click Here."
3. Log in. (for more information about logging in, see "Miscellaneous" below.)
4. To find available classes, click "Register for Classes." To find all classes, click "Go Search!" To narrow your search, use the drop-down arrows, then click "Go Search!"
5. Checkmark the classes you want.
6. Click the Register button in the top-left navigation menu.
7. Checkmark the teacher who is teaching your class. Note:
  - a. If an articulation has additional classes from the ones you selected, those classes will be displayed.
  - b. Any fees you need to pay are displayed above the class and teacher choices.
8. When you've made your selections, click "Save and Register." Alternatively, to change the class you chose, click "Cancel Registration" and repeat the process.
9. To print a confirmation page for you and for the college (if required), click on the printer icon at the top. The confirmation page will tell you if you are required to send a copy to the college, by what date you will need to send it, if you need to send a fee, and where to send the fee.

Miscellaneous:

1. To Create an account – Click "Create an Account". On the form which appears, the questions with a red dot are required. To see more information, hove your mouse pointer over the blue icon. Be sure to read the information about usernames and passwords. For Career Cluster and Future Plans, provide your best guess. You can change this information later.
2. Obtain login information you have forgotten – Enter email address in "Forgot Your Login Field".
3. Change your password or update your account – Click "Change Password" or "View/Edit/Profile".
4. See all the classes and articulations you signed up for, and to see grades and credits earned – Click "View Registration History"

## 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***

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

1. Subjects completed during high school
2. Cumulative grade point average (GPA) beginning with 9<sup>th</sup> grade
3. 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 (Fee waivers for these tests are available – consult with your high school counselor)

### 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.

All K-12 and college personnel who advise students on admission to public four-year colleges and universities should obtain a copy of CADR guidelines and other related minimum college admission information at:

[www.hecb.wa.gov/research/issues/admissions.asp](http://www.hecb.wa.gov/research/issues/admissions.asp)

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.