North Thurston High School

Course Catalog
2019 – 2020 School Year
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 2019 - 2020 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!

The capacity to learn is a gift; the ability to learn is a skill; the willingness to learn is a choice.

Brian Herbert
<table>
<thead>
<tr>
<th>Description</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitions</td>
<td>4</td>
</tr>
<tr>
<td>Graduation Requirements / State Assessment Requirements</td>
<td>5-6</td>
</tr>
<tr>
<td>Additional General Information</td>
<td>7-8</td>
</tr>
<tr>
<td>How to Calculate Your GPA</td>
<td>9</td>
</tr>
<tr>
<td>Educational planning form – Classes of 2021, 2022, and 2023</td>
<td>10</td>
</tr>
<tr>
<td>Educational planning form – Class of 2020</td>
<td>11</td>
</tr>
<tr>
<td>Cross Credit for Career and Technical Education (CTE)</td>
<td>12</td>
</tr>
<tr>
<td>Career and Technical Education (CTE)</td>
<td>13-20</td>
</tr>
<tr>
<td>• Agriculture</td>
<td></td>
</tr>
<tr>
<td>• Applied and Business Technology</td>
<td></td>
</tr>
<tr>
<td>• Marketing</td>
<td></td>
</tr>
<tr>
<td>• Family and Consumer Science</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>21-23</td>
</tr>
<tr>
<td>Physical Education and Health</td>
<td>23</td>
</tr>
<tr>
<td>Mathematics</td>
<td>24-26</td>
</tr>
<tr>
<td>Science</td>
<td>27-30</td>
</tr>
<tr>
<td>Social Studies</td>
<td>31-32</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>32-35</td>
</tr>
<tr>
<td>World Languages</td>
<td>35-36</td>
</tr>
<tr>
<td>Support Services / ELL</td>
<td>37</td>
</tr>
<tr>
<td>Special Education Classes</td>
<td>37-38</td>
</tr>
<tr>
<td>Optional Educational Experiences</td>
<td>39-40</td>
</tr>
<tr>
<td>• AVID</td>
<td></td>
</tr>
<tr>
<td>• TAs</td>
<td></td>
</tr>
<tr>
<td>Running Start</td>
<td>41</td>
</tr>
<tr>
<td>New Market Skills Center Course Descriptions</td>
<td>42</td>
</tr>
<tr>
<td>Tech Prep</td>
<td>43</td>
</tr>
<tr>
<td>Post High School Information</td>
<td>44-46</td>
</tr>
<tr>
<td>Notes</td>
<td>47</td>
</tr>
</tbody>
</table>
**Definitions**

**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). See page 49.

**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 2020 are required to earn a total of 22 credits in specific subject areas to graduate. Students in the Class of 2021, 2022 and 2023 are required to earn a total of 24 credits in specific subject areas to graduate.

**Cross Crediting / Equivalency Credit**
Some courses may count toward graduation requirements in more than one category. See page 12.

**Electives**
Courses chosen above and beyond minimum subject requirements.

**State Assessments**
Washington State High School Standardized test requirements in English, Math and Science. Please refer to the “State Assessment” section on pages 5 and 6.

**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

**NTHS Educational Planning Form**
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. Class of 2020, page 10. Classes of 2021 and beyond, page 11.

**Personalized Pathway Requirement**
Refers to courses that lead to a specific post high school career or educational outcome. Pathway is chosen by student based on interests and the High School and Beyond Plan.

**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.

**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.
Graduation Requirements

Each student who has successfully completed an instructional program appropriate to their interests and needs shall be awarded a diploma at graduation ceremonies. The Board shall award a regular high school diploma to every student enrolled in the District who meets the requirements of graduation established by the District. Only one diploma shall be awarded with no distinctions being made between the various programs of instruction which may have been pursued.

The Board shall establish graduation requirements which, as a minimum, satisfy those established by the Washington State Board of Education (Policy 2410).

Graduation Requirements: Class of 2020

Credit Requirements

<table>
<thead>
<tr>
<th>Content Course</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Science</td>
<td>2 credits</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 credits</td>
</tr>
<tr>
<td>Arts</td>
<td>1 credit</td>
</tr>
<tr>
<td>Health &amp; Fitness</td>
<td>2 credits</td>
</tr>
<tr>
<td>Occupational Education/CTE</td>
<td>1 credit</td>
</tr>
<tr>
<td>Electives</td>
<td>6 credits</td>
</tr>
</tbody>
</table>

Total Required Credits 22 credits

Required Assessments

<table>
<thead>
<tr>
<th>Class of 2018</th>
<th>Class of 2019 &amp; Beyond</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA SBA</td>
<td>ELA SBA</td>
</tr>
<tr>
<td>One Math EOC Exam in Algebra I / Integrated Math 1</td>
<td>Math SBA</td>
</tr>
<tr>
<td>or Geometry / Integrated Math 2 or Math SBA</td>
<td></td>
</tr>
<tr>
<td>Standards assessment to be phased in on a schedule</td>
<td>assessment to be phased in on a schedule to be determined</td>
</tr>
<tr>
<td>to be determined by the Legislature.</td>
<td>by the Legislature.</td>
</tr>
</tbody>
</table>

Other Non-Credit Requirements

- High School & Beyond Plan
- Certificate of Academic Achievement or Individual Achievement awarded to students who pass the required assessments.
- Washington State history and government
Graduation Requirements: Class of 2021 and Beyond

Credit Requirements

<table>
<thead>
<tr>
<th>Content Course</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Science</td>
<td>3 credits (2 lab science)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 credits</td>
</tr>
<tr>
<td>Arts</td>
<td>2 credit (1 Personalized Pathway)</td>
</tr>
<tr>
<td>Health &amp; Fitness</td>
<td>2 credits</td>
</tr>
<tr>
<td>Occupational Education/CTE</td>
<td>1 credit</td>
</tr>
<tr>
<td>Electives</td>
<td>4 credits</td>
</tr>
<tr>
<td>World Language</td>
<td>2 credits (2 Personalized Pathway)</td>
</tr>
</tbody>
</table>

**Total Required Credits** 24 credits

**Personalized Pathway**
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. These may include Career and Technical Education and are intended to provide a focus to the student's learning.

**Required Assessments**
- ELA SBA
- Math SBA
- Biology EOC Exam. New Next Generation Science Standards assessment to be phased in on a schedule to be determined by the Legislature.

**Other Non-Credit Requirements**
- High School & Beyond Plan
- Certificate of Academic Achievement or Individual Achievement awarded to students who pass the required assessments.
- Washington State history and government
Additional General Information:

Certificate of Academic Achievement
A student will receive a certificate of academic achievement (CAA) if they meet the math and science standards on the high school statewide assessment or an appropriate state-approved alternative (“CAA option”).

Certificate of Individual Achievement
A student qualifying for special education services may earn a Certificate of Individual Achievement after passing assessments determined by the student’s Individualized Education Plan (IEP) team to be appropriate for the student based on their learner characteristics, post-secondary goals and previous testing history.

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.

College Entrance Exams/Requirements
The Scholastic Aptitude Test (SAT or the American College Test (ACT) is required for students who plan to apply to four-year colleges. Most four-year colleges have similar entrance requirements. However, students and parents should review individual college requirements carefully. Those requirements are 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 9th through 12th grades and good test scores on the SAT, ACT or SAT Subject Test. See your counselor for more information regarding minimum standards for specific CADRs to public baccalaureate colleges and universities in Washington State.

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.

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
www.ncaaeligibilitycenter.org

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. A five credit class at a community college is 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.

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.
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, is in compliance 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.

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

Credit Retrieval Programs

<table>
<thead>
<tr>
<th>Paid Options</th>
<th>Free Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTHS Summer School</td>
<td>Before and after school TA</td>
</tr>
<tr>
<td>On-line courses:</td>
<td>Zero Hour PE</td>
</tr>
<tr>
<td>o BYU Independent Study</td>
<td>The APEX program (senior year) **</td>
</tr>
<tr>
<td></td>
<td>NMSC Summer School (may include material fees)</td>
</tr>
<tr>
<td></td>
<td>ORLA (Olympia Regional Learning Academy) <a href="mailto:orla@osd.wednet.edu">orla@osd.wednet.edu</a> (free if enrolled at ORLA full time)</td>
</tr>
</tbody>
</table>

** 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.

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. For example, if the student is taking music every year and is unable to fit both PE and other required classes into the schedule; or, if the student is taking several courses aligned with his/her career interests and can only complete part of the required PE credit, etc.

In order to qualify for a PE waiver, students must:
1) Have a note from their doctor excusing them from all PE activity.
Or, students 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 credits 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.

**HOW DO I CALCULATE MY GPA?**

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
<tr>
<td>NC</td>
<td>0.0 (not used in GPA calculation)</td>
</tr>
<tr>
<td>W</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Point Value</th>
<th>Units Attempted</th>
<th>Total Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>B+</td>
<td>(3.3)</td>
<td>1.0</td>
<td>3.3</td>
</tr>
<tr>
<td>Geometry</td>
<td>A</td>
<td>(4.0)</td>
<td>1.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Spanish</td>
<td>C</td>
<td>(2.0)</td>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Biology</td>
<td>C+</td>
<td>(2.3)</td>
<td>1.0</td>
<td>2.3</td>
</tr>
<tr>
<td>PE</td>
<td>B-</td>
<td>(2.7)</td>
<td>1.0</td>
<td>2.7</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>5.0</td>
<td>14.3</td>
</tr>
</tbody>
</table>

**Step 2:** Add units attempted. In this case = 5.0
**Step 3:** Add grade points. In this case = 14.3
**Step 4:** GPA = Total Grade Points = 14.3 = 2.86 GPA

**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 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: 77.7 = 3.7 GPA*
### NTHS EDUCATIONAL PLANNING FORM - CLASS of 2021, 2022, and 2023

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

**Alt.**

**NTHS Diploma, WA 2-Year Technical / Community College Admissions Requirements & Military Career**

- **24** Required Credits
- 
  - [ ] English 9th
  - [ ] English 10th
  - [ ] English 11th
  - [ ] English 12th
  - [ ] Science 9-12
  - [ ] Science 9-12
  - [ ] Science 9-12
  - [ ] Algebra 1 9-12
  - [ ] Geometry 9-12
  - [ ] Algebra 2 (or approved math elective) 9-12*
  - [ ] P.E. 9-12
  - [ ] P.E. 9-12
  - [ ] Occupational Education 9-12
  - [ ] Fine Arts 9-12
  - [ ] Fine Arts (or Personal Pathway) 9-12
  - [ ] Health 9-12
  - [ ] World Studies 1 9th
  - [ ] World Studies 2 & 3 10th
  - [ ] U.S. History 1 & 2 11th
  - [ ] Civics or AP Government 12th
  - [ ] Foreign Language (or Personal Pathway) 9-12
  - [ ] Foreign Language - 2nd Year (or Personal Pathway) 9-12
  - [ ] Electives [ ] Electives [ ] Electives [ ] Electives

**Diploma & Minimum WA 4-Year College Academic Distribution Requirements (CADR)**

- **24** Required Credits
- 
  - [ ] English 9th
  - [ ] English 10th
  - [ ] English 11th
  - [ ] English 12th
  - [ ] Science 9-12
  - [ ] Science 9-12
  - [ ] Science 9-12 (Chemistry or Physics)
  - [ ] Algebra 1 9-12
  - [ ] Geometry 9-12
  - [ ] Algebra 2 9-12
  - [ ] Math 12th **
  - [ ] P.E. 9-12
  - [ ] P.E. 9-12
  - [ ] Occupational Education 9-12
  - [ ] Fine Arts 9-12
  - [ ] Fine Arts (or Personal Pathway) 9-12
  - [ ] Health 9-12
  - [ ] World Studies 1 9th
  - [ ] World Studies 2 & 3 10th
  - [ ] U.S. History 1 & 2 11th
  - [ ] Civics or AP Government 12th
  - [ ] Foreign Language 9-12
  - [ ] Foreign Language - 2nd Year 9-12
  - [ ] Electives [ ] Electives [ ] Electives [ ] Electives

**PNW***

- **High School & Beyond Plan**
- **Community Involvement/Job Shadow (20 hours)**
- **Language Arts Exam** **Science Exam** **Math Exam**

**24 REQUIRED CREDITS: 20 REQUIRED + 4 ELECTIVES = 24**

* 3 years of math are required (Algebra & Geometry or higher). See Course Catalog for approved Algebra 2 alternatives.
** If you have passed Pre-Calculus, the senior year math is not required for 4 year college entrance.
*** PNW or equivalent state history may be completed in middle school or in high school.

Students must pass all state exams in order to graduate (English Language Arts, Math and Science).
See OSPI’s website for more details: [www.k12.wa.us/assessment/StateTesting/](http://www.k12.wa.us/assessment/StateTesting/)
### NTHS EDUCATIONAL PLANNING FORM - CLASS of 2020

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

**Alt.**

<table>
<thead>
<tr>
<th>NTHS Diploma, WA 2-Year Technical / Community College Admissions Requirements &amp; Military Career</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 Required Credits</td>
</tr>
<tr>
<td>[ ] ] English 9th</td>
</tr>
<tr>
<td>[ ] ] English 10th</td>
</tr>
<tr>
<td>[ ] ] English 11th</td>
</tr>
<tr>
<td>[ ] ] English 12th</td>
</tr>
<tr>
<td>[ ] ] Science 9-12</td>
</tr>
<tr>
<td>[ ] ] Science 9-12</td>
</tr>
<tr>
<td>[ ] ] Algebra 1 9-12</td>
</tr>
<tr>
<td>[ ] ] Geometry 9-12</td>
</tr>
<tr>
<td>[ ] ] Algebra 2 (or approved math elective) 9-12*</td>
</tr>
<tr>
<td>[ ] ] P.E. 9-12</td>
</tr>
<tr>
<td>[ ] ] P.E. 9-12</td>
</tr>
<tr>
<td>[ ] ] Occupational Education 9-12</td>
</tr>
<tr>
<td>[ ] ] Fine Arts 9-12</td>
</tr>
<tr>
<td>[ ] ] Health 9-12</td>
</tr>
<tr>
<td>[ ] ] World Studies 1 9th</td>
</tr>
<tr>
<td>[ ] ] World Studies 2 &amp; 3 10th</td>
</tr>
<tr>
<td>[ ] ] U.S. History 1 &amp; 2 11th</td>
</tr>
<tr>
<td>[ ] ] Civics or AP Government 12th</td>
</tr>
<tr>
<td>[ ] ] Electives [ ] ] Electives</td>
</tr>
<tr>
<td>[ ] ] Electives [ ] ] Electives</td>
</tr>
<tr>
<td>[ ] ] Electives [ ] ] Electives</td>
</tr>
</tbody>
</table>

---

### Diploma & Minimum WA 4-Year College Academic Distribution Requirements (CADR)

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

**Alt.**

<table>
<thead>
<tr>
<th>Diploma &amp; Minimum WA 4-Year College Academic Distribution Requirements (CADR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 Required Credits</td>
</tr>
<tr>
<td>[ ] ] English 9th</td>
</tr>
<tr>
<td>[ ] ] English 10th</td>
</tr>
<tr>
<td>[ ] ] English 11th</td>
</tr>
<tr>
<td>[ ] ] English 12th</td>
</tr>
<tr>
<td>[ ] ] Science 9-12</td>
</tr>
<tr>
<td>[ ] ] Science 9-12 (Chemistry or Physics)</td>
</tr>
<tr>
<td>[ ] ] Algebra 1 9-12</td>
</tr>
<tr>
<td>[ ] ] Geometry 9-12</td>
</tr>
<tr>
<td>[ ] ] Algebra 2 9-12</td>
</tr>
<tr>
<td>[ ] ] Math 12th **</td>
</tr>
<tr>
<td>[ ] ] P.E. 9-12</td>
</tr>
<tr>
<td>[ ] ] P.E. 9-12</td>
</tr>
<tr>
<td>[ ] ] Occupational Education 9-12</td>
</tr>
<tr>
<td>[ ] ] Fine Arts 9-12</td>
</tr>
<tr>
<td>[ ] ] Health 9-12</td>
</tr>
<tr>
<td>[ ] ] World Studies 1 9th</td>
</tr>
<tr>
<td>[ ] ] World Studies 2 &amp; 3 10th</td>
</tr>
<tr>
<td>[ ] ] U.S. History 1 &amp; 2 11th</td>
</tr>
<tr>
<td>[ ] ] Civics or AP Government 12th</td>
</tr>
<tr>
<td>[ ] ] Foreign Language 9-12</td>
</tr>
<tr>
<td>[ ] ] Electives [ ] ] Electives</td>
</tr>
<tr>
<td>[ ] ] Electives [ ] ] Electives</td>
</tr>
<tr>
<td>[ ] ] Electives [ ] ] Electives</td>
</tr>
</tbody>
</table>

---

**PNW**

**High School & Beyond Plan**

**Community Involvement/Job Shadow (20 hours)**

**Language Arts Exam**

**Math Exam****

---

**22 REQUIRED CREDITS: 16 REQUIRED + 6 ELECTIVES = 22**

* 3 years of math are required (Algebra & Geometry or higher). See Course Catalog for approved Algebra 2 alternatives.

** If you have passed Pre-Calculus, the senior year math is not required for 4 year college entrance.

*** PNW or equivalent state history may be completed in middle school or in high school.

**** Students must pass all state exams in order to graduate (English Language Arts, Math and Science). See OSPI’s website for more details: [www.k12.wa.us/assessment/StateTesting/](http://www.k12.wa.us/assessment/StateTesting/)
## North Thurston High School Cross-Credit/Equivalency Options

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting 1</td>
<td>.5</td>
<td>3rd year Math or 1.0 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Animal Science</td>
<td>1.0</td>
<td>Science or 1.0 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Beginning Web Page Design</td>
<td>.5</td>
<td>Science or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Beginning and Intermediate Automotive (1.0 cr)*</td>
<td>.5</td>
<td>3rd year Math or 1.0 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Advanced Automotive (2 period block, 2.0 cr)*</td>
<td>.5</td>
<td>3rd year Math or 2.0 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Business English</td>
<td>.5</td>
<td>English elective or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Mathematics for Business and Personal Finance 1</td>
<td>.5</td>
<td>3rd year Math or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Mathematics for Business and Personal Finance 2</td>
<td>.5</td>
<td>3rd year Math or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Digital Imaging 1</td>
<td>.5</td>
<td>Fine Art or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Digital Imaging 2</td>
<td>.5</td>
<td>Fine Art or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Drama</td>
<td>.5</td>
<td>English elective or .5 Fine Art</td>
</tr>
<tr>
<td>Electronics</td>
<td>1.0</td>
<td>Science or 1.0 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Horticulture</td>
<td>.5</td>
<td>Science or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Independent Living</td>
<td>.5</td>
<td>3rd year Math or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Journalism/Publishing</td>
<td>1.0</td>
<td>English elective or 1.0 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Law &amp; Justice</td>
<td>.5</td>
<td>Social Studies Elective or .5 Occupational (CTE) Elective.</td>
</tr>
<tr>
<td>Metal Design</td>
<td>.5</td>
<td>Fine Art or .5 Occupational Education (CTE)</td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>1.0</td>
<td>Science or 1.0 Occupational Education (CTE)</td>
</tr>
<tr>
<td>Environmental Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASL – American Sign Language</td>
<td></td>
<td>World Language or Occupational Education (CTE)</td>
</tr>
<tr>
<td>AP Statistics</td>
<td></td>
<td>Math or Occupational Education (CTE)</td>
</tr>
<tr>
<td><strong>Advanced Marketing</strong></td>
<td>.5</td>
<td>CTE and .5 English</td>
</tr>
</tbody>
</table>

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

**Pending approval – check with your counselor

## New Market Skills Center Cross-Credit Options

See New Market section of the catalog for this information, page 42.
BEGINNING HORTICULTURE 1  
Occupational-Science or Elective – Grades: 9-12  
.5 credit  
Course Code: AGV101  
Prerequisite: None

College credit available upon teacher approval (Tech Prep)

In this introduction to the horticulture industry, 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. FFA, Future Farmers of America, is part of the class.

ADVANCED HORTICULTURE 2  
Occupational-Science or Elective – Grades: 9-12  
.5 credit  
Course Code: AGV202  
Prerequisite: Beg. Horticulture 1 and Teacher recommendation

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. FFA, Future Farmers of America, is part of the class.

ANIMAL SCIENCE  
Occupational-Science or Elective - Grades: 10-12  
1.0 Credit  
Course Code: AGV121-1st semester / AGV122-2nd 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. This class may be used as science credit at Washington State University.

ENVIRONMENTAL SCIENCE  
Occupational-Science/CTE or Elective - Grades: 9-12  
1.0 credit  
Course Code: SCI345-1st semester / SCI346-2nd semester  
Prerequisite: None

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, fresh water resources, forest environments, vocational forestry, water quality, and environmental decisions.

ADVANCED PLACEMENT  
ENVIRONMENTAL SCIENCE  
Occupational-Science/CTE or Elective - Grades: 11-12  
1.0 credit  
Course Code: SCI501-1st semester / SCI502-2nd semester  
Prerequisite: Completion of Geometry and Biology with a “C” or better and Teacher recommendation

AP Environmental Science is designed to be the equivalent to an introductory college course in environmental science. The course covers the interdisciplinary scientific ideas required to understand the natural world, natural and human-made environmental problems, evaluate risks, and examine solutions. Through labs, projects, and field work this class will focus on earth's systems and resources, the living world, population, land and water use, energy, pollution, and global change. Students should expect to use college level text and labs and have 2-3 hours of homework a week. The work will culminate with the AP exam in May. This course is aligned with the Next Generation Chemistry and Earth Science Standards.

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.

INTRO TO ENGINEERING  
Occupational-Science or Elective – Grade: 10-12  
1.0 credit  
Course Code: SCI125-1st semester / SCI126-2nd semester  
Pre-Requisite: None

Students dig deep into the engineering design process, applying math, science, and engineering to hands-on projects. They work both individually and in teams to design solutions to a variety of real-world problems, including design and construction of rockets, bridges, alternative vehicle, home, and robots. Engineering work will be documented using 3D modeling software and professional notebooks.
INTRODUCTORY ROBOTICS | Occupational-Science or Elective - Grades: 9-12  
1.0 credit | Course Code: SCI375-1st semester / SCI376-2nd semester  
Prerequisite: None  
Prepares individuals to apply basic engineering principles and technical skills in developing and using industrial robotics. Instruction will include; principles of robotics, design and operational testing, system maintenance and repair procedures, industrial robotics computer systems, PLC, and control language, specific industrial tasks, safety, and report preparation.

*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 | Occupational or Elective - Grades: 9-12 | .5 credit | Course Code: INV675-1st semester  
Prerequisite: None  
College credit available upon teacher approval (Tech Prep)  
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.

| TECHNICAL DRAFTING 2 | Occupational or Elective - Grades: 9-12 | .5 credit | Course Code: INV676-2nd semester  
Prerequisite: 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.

| TECHNICAL DRAFTING 3 | Occupational or Elective - Grades: 10-12 | .5 credit | Course Code: INV677  
Prerequisite: Technical Drafting 2  
Students continue to improve their skills to build more complex 3D models. In addition they will gain skills in rendering and displaying assembly models in a professional commercial format. Knowledge of manufacturing tolerances and methods will be gained.

| TECHNICAL DRAFTING 4 | Occupational or Elective - Grades: 10-12 | .5 credit | Course Code: INV678  
Prerequisite: Technical Drafting 3  
Students will go through a complete design and conception process for a mechanical devise. This class is project oriented.

*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 | Occupational or Elective - Grades: 9-12 | .5 credit | Course Code: INV671-1st semester  
Prerequisite: None  
College credit available upon teacher approval (Tech Prep)  
Students will learn the basic structural components that go into building a house. They will learn how to draw these components and create a set of plans for a small house. Industry standards and practices are employed. Drawings will be done on the computer using AutoCAD software.

| ARCHITECT DRAFTING & DESIGN 2 | Occupational or Elective - Grades: 9-12 | .5 credit | Course Code: INV672-2nd semester  
Prerequisite: Architectural Drafting 1  
Students design and draw a complete set of house plans generated from a client’s specific size and amenity requirements. Students will apply building code standards to their plans. Students will create a detail library of individual house components.

| ARCHITECT DRAFTING & DESIGN 3 | Occupational 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  Occupational or Elective - Grades: 10-12
Course Code: INV674
Prerequisite: Architectural Drafting 3
Students will apply all of their architectural drafting knowledge to design, engineer and draft a complete set of plans for a large dream house.

*Manufacturing Technology 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 Manufacturing Technology 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.

MANUFACTURING TECHNOLOGY 1  Occupational or Elective - Grades: 9-12
WOODSHOP  Course Code: INV651-1st semester
.5 credit
Prerequisite: None
This course will introduce students to the world of Manufacturing and Product Design. Students will be given experience working with the materials, tools and methods used in the Manufacturing Industry. Student choice and product development are key components as students use the latest technology including computer numerically controlled (CNC) equipment and computer generated design programs. In small groups, students will design and develop a community service project to industry standards.

MANUFACTURING TECHNOLOGY 2  Occupational or Elective - Grades: 9-12
WOODSHOP  Course Code: INV652-2nd semester
.5 credit
Prerequisite: Manufacturing Technology 1
This course will introduce students to the world of Manufacturing and Product Design. Students will be given experience working with the materials, tools and methods used in the Manufacturing Industry. Student choice and product development are key components as students use the latest technology including computer numerically controlled (CNC) equipment and computer generated design programs. In small groups, students will design and develop a community service project to industry standards.

*Construction Skills 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 Construction Skills first semester should sign up for INV655, during second semester INV656. Classes will be sorted into the correct level for each student during the semester.

CONSTRUCTION SKILLS 1  Occupational or Elective - Grades: 9-12
Course Code: INV655-1st semester
.5 credit
Prerequisite: None
This course will introduce students to the construction industry and provide experiences working with materials, tools and methods used in the various Construction related career areas. Students will design and construct a building on site and work on a variety of school improvement projects here at North Thurston High School. Experience in the construction related career areas give students opportunities to learn and apply basic academic skills with hands on activities. Students may join and participate in SKILLS USA where they will be given the opportunity to develop employment and leadership skills.

CONSTRUCTION SKILLS 2  Occupational or Elective - Grades: 9-12
Course Code: INV656-2nd semester
.5 credit
Prerequisite: Construction Skills 1
This course will introduce students to the construction industry and provide experiences working with materials, tools and methods used in the various Construction related career areas. Students will design and construct a building on site and work on a variety of school improvement projects here at North Thurston High School. Experience in the construction related career areas give students opportunities to learn and apply basic academic skills with hands on activities. Students may join and participate in SKILLS USA where they will be given the opportunity to develop employment and leadership skills.

*Metal Design 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 Metal Design during first semester should sign up for INV665, during second semester INV666. Classes will be sorted into the correct level for each student during the semester.
METAL DESIGN  Occupational-Fine Arts or Elective - Grades: 9-12
(Levels 1, 2, 3, 4)  Course Code: INV665-1st semester / INV666-2nd semester
.5 credit
Prerequisite: None or INV665 / 666 / 667

*Welding 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 Welding during first semester should sign up for INV661, during second semester INV662. Classes will be sorted into the correct level for each student during the semester.

WELDING  Occupational or Elective - Grades: 9-12
(Levels 1, 2, 3, 4)  Course Code: INV661-1st semester / INV662-2nd semester
.5 credit
Prerequisite: None or INV661 / 662 / 663

DIGITAL PHOTOGRAPHY 1  Occupational-Fine Arts or Elective - Grades: 9-12  Course Code: INV601
.5 credit
Prerequisite: None

DIGITAL PHOTOGRAPHY 2  Occupational-Fine Arts or Elective-G 0ades: 9-12  Course Code: INV602
.5 Credit
Prerequisite: Digital Photography 1

BEGINNING AUTO CARE  Math Elective-Occupational or Elective-Grades: 9-12  Course Code: INV641
.5 credit
Prerequisite: None

INTERMEDEDIATE AUTO CARE  Math Elective-Occupational or Elective-Grades: 9-12  Course Code: INV644
.5 credit
Prerequisite: Beginning Auto Care or Teacher recommendation

ADVANCED AUTO SERVICE BLOCK  Math Elective-Occupational or Elective - Grades: 10-12  Course Code: INV647
2.0 credit, 2-hr block full year
Prerequisite: Teacher recommendation

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.

Welding certificates available

Welding certificates available

Welding certificates available

Welding certificates available

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 with further education or help them earn money during college. This course is affiliated with South Puget Sound Community College.

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.

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.

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.

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.

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. Tech Prep college credit is available for program completers through South Puget Sound Community College. *You may receive .5 third year math credit for successfully completing Advanced Auto service.

SIGN LANGUAGE 1
Elective - Grades: 10-11
1.0 credit
Course Code: FOV601-1st semester / FOV602-2nd 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.

SIGN LANGUAGE 2
Elective – Grades: 11-12
1.0 credit
Course Code: FOV603-1st semester / FOV604-2nd 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 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
Digital Essentials .5 credit

BUSINESS CERTIFICATE
Digital Essentials .5 credit
Business English .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

DIGITAL ESSENTIALS Occupational or Elective - Grades: 9-12
.5 credit
Course Code: BUV600
Prerequisite: None, recommended for all 9th
Digital Essentials is a comprehensive overview of technology skills for the 21st century student. Students will create professional documents, spreadsheets, presentations using Google Docs and Microsoft Office. In addition, students will collaborate and develop projects online using Google online services. Students will also create/edit images with a basic graphic editor, create videos for online publications, and be exposed to new emerging technologies.

BUSINESS ENGLISH 1-2 Occupational-English or Elective - Grades: 11-12
1.0 credit
Course Code: BUV609-1st semester / BUV610-2nd semester
Prerequisite: Digital Essentials
College Credit available upon teacher approval (1.0 SPCC 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.

LAW AND JUSTICE Social Studies-Occupational or Elective-Grades: 11-12
.5 credit
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,
We will learn about the court system and process of appeals, law enforcement, and corrections. Activities include: class discussions regarding legal and ethical issues, analyzing case studies, listening to speakers from all areas of the legal field, mock trials, and watching videos and movies that apply to the topic. Law and Justice students can earn five free college credits from Introduction to Criminal Justice from Gray Harbor.

**WEB PAGE DESIGN**  
Fine Arts-Occupational or Elective - Grades: 10-12  
.5 credit  
Course Code: BUV611  
Prerequisite: Digital Essentials  
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**  
Occupational or Elective-Grades: 10-12  
.5 credit  
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 maybe repeated for additional credit with teacher signature.

**PUBLISHING/JOURNALISM**  
Occupational-Elective-Grades: 10-12  
1.0 credit  
Course Code: BUV614-1st semester / BUV615-2nd semester  
Prerequisite: Teacher application and Teacher recommendation  
This course involves intensive writing for publication in the school newspaper and website. The class covers all aspects of journalistic writing, including research, interviewing, writing in journalistic style, editing and writing in teams. Also covered are legal rights and responsibilities of journalistic writers. Includes working with photography, video, and multimedia. Students registering for this class must complete the application process for the school newspaper staff. This course may be repeated for additional credit with instructor permission.

**MULTIMEDIA PRODUCTION**  
Occupational-Elective-Grades: 11-12  
1.0 credit  
Course Code: BUV621-1st semester / BUV622-2nd semester  
Prerequisite: Teacher permission  
Students interested in pursuing a career in the growing fields of videography as a hobby or career will learn what makes, and how to make a good video through “hands on” experiences. Skills include basic camera operations, story boarding, script writing, video framing, time management, file management, audio balancing and mixing, team work, editing, and evaluation of productions. Power Standards include critical reading, writing and thinking. You will have the opportunity to develop real work skills for the real world.

**MATH FOR BUSINESS & PERSONAL FINANCE 1**  
Occupational-Math Elective - Grades: 10-12  
.5 credit  
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 tax payer, and valued employee. Topics may include: gross/net income, record keeping, checking/savings accounts, cash purchases, charge and credit accounts and loans. Third year Math elective.

**MATH FOR BUSINESS & PERSONAL FINANCE 2**  
Occupational-Math Elective - Grades: 10-12  
.5 credit  
Course Code: BUV607  
Prerequisite: Math For Business and Personal Finance 1  
College credit available upon teacher approval  
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, statistics and more. Third year Math elective.

**ADVANCED PLACEMENT STATISTICS**  
Occupational or Elective Math – Grade: 10-12  
1.0 credit  
Course Code: MAT561-1st semester / MAT562-2nd semester  
Prerequisite: Passing grade in Algebra 2 or Advanced Algebra 2 or 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.
PROJECT MANAGEMENT  Occupational or Elective - Grades: 11-12
.5 Credit  Course Code: BUV619
Prerequisite: None
This course develops a foundations 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 team work 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.

BUSINESS AND OFFICE PROCEDURES 1 & 2  Occupational or Elective - Grades: 11-12
.5 credit  Course Code: BUV603-1st semester / BUV604-2nd 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.

INTRO TO MARKETING  Occupational or Elective - Grades: 9-11
1.0 credit  Course Code: MKV601-1st semester / MKV602-2nd semester
Prerequisite: None, recommended for 10th and 11th
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 required of 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.

ADVANCED MARKETING  Occupational or Elective - Grades: 10-12
1.0 credit  Course Code: MKV603-1st semester / MKV604-2nd 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 a structured worksite experience. Marketing training is at the advanced level and includes sales, management, international marketing, investing, advertising and promotion, communications 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, meet work requirements as directed by the teacher coordinator. Leadership activities will be required of students enrolled in this course. DECA Leadership experience is mandatory.

SPORTS/EVENT MARKETING  Occupational or Elective - Grades: 10-12
.5 Credit  Course Code: MKV609
Prerequisite: prior Business/Marketing 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.

SOCIAL MEDIA MARKETING  Occupational or Elective - Grades: 10-12
.5 Credit  Course Code: MKV610
Prerequisite: prior Business/Marketing Class
Social Media Marketing is a course designed for students interested in the world of Social Media. This course will introduce students to the marketing concepts and theories that apply to Social Media. Students will learn about social media tools that are currently shaping our lives and changing how we interact with the world. The areas this course will
Cover are basic marketing, target marketing and segmentation, the role of the internet on social marketing, promotions, branding, social media campaigns, as well as other areas of marketing. Students taking Social Media Marketing will be given the opportunity to participate in DECA (student marketing organization).

**WORKBASED LEARNING**

*Occupational or Elective - Grades: 11-12*

180 hours of work = .5 credit

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

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

Work-Based 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 the work experience or the work experience may be subsequent to the qualifying class. See teacher for qualifying concurrent class list.

**ENTREPRENEURSHIP**

*Occupational or Elective - Grades: 11-12*

**SCHOOL LEADERSHIP**

*Course Code: MKV606-1st semester / MKV607-2nd semester*

1.0 credit

**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**

*Occupational or Elective - Grade: 12*

1.0 credit

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

*Occupational or Elective-Grades: 9-12*

.5 credit

**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 child care centers and career choices.

**NUTRITIONAL WELLNESS**

*Occupational or Elective - Grades: 9-12*

.5 credit

**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.

**INDEPENDENT LIVING**

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

.5 credit

**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.

**SPORTS MEDICINE A/B BEGINNING**

*Occupational or Elective-Grades: 11-12*

1.0 credit

**Course Code:** HFV607-1st semester / HFV608-2nd semester

**Prerequisite:** None

In this course, students will learn the basics of anatomy, physiology, biomechanics, kinesiology, general nutrition, and basic athletic training procedures. Lab sessions cover training room operations 40 hours per semester and cover taping and wrapping, athletic injury assessment, advanced CPR, use of heat and cold modalities, record keeping, rehabilitation, and time management skills. Also included are job shadow and internship opportunities. Extended hours are required per teacher’s specifications.
High school graduation pathway for English is:

- English 9 or Honors English 9
- English 10 or Honors English 10
- English 11 American Literature, English 11 Honors American Literature, AP Language and Composition
- 4th 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, English 11 Honors American Literature, AP Language and Composition
- 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

**English-Elective – Grades: 9**  
1.0 credit  
Course Code: ENG111-1st semester / ENG112-2nd 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-Elective – Grades: 9**  
1.0 credit  
Course Code: ENG121-1st semester / ENG122-2nd 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-Elective - Grades: 10**  
1.0 credit  
Course Code: ENG211-1st semester / ENG212-2nd semester  
Prerequisite: English 9  
Students will continue to develop skills in writing, reading and speaking. Composition, vocabulary, grammar, drama, library skills, poetry, short story and the novel will be studied.

### HONORS ENGLISH 10

**English - Grade: 10**  
1.0 credit  
Course Code: ENG221-1st semester / ENG222-2nd 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-Elective - Grade: 11**  
1.0 credit  
Course Code: ENG311-1st semester / ENG312-2nd semester  
Prerequisite: Passing grade in 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.

### ENGLISH 11 HONORS AMERICAN LIT

**English-Elective - Grade: 11**  
1.0 credit  
Course Code: ENG321-1st semester / ENG322-2nd semester  
Prerequisite: Teacher recommendation or Honors English 10  
Students who have demonstrated high ability in reading and writing and are motivated will study advanced writing skills, vocabulary and sophisticated literacy analysis.

### ADVANCED PLACEMENT

**LANGUAGE AND COMPOSITION**  
1.0 credit  
Prerequisite: Teacher recommendation / B grade or higher in English 10 or Honors English 10  
College credit possible for above average juniors 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. Short stories, poems, essays, plays, speeches, and novels by American writers will be studied. This course replaces the American Literature requirement. After taking this course, a student may elect to take the Advanced Placement Language and Composition Test in May in an attempt to earn college credit. Students may choose to take for SPSCC English credit.

**ENGLISH 12 WORLD LITERATURE**

1.0 credit  
Course Code: ENG411-1st semester / ENG412-2nd semester  
Prerequisite: Teacher recommendation

World literature themes, short stories, poetry, dramas, novels, and essays are discussed and analyzed in this year-long survey course for the advanced English student who is bound for a 4 year college.

**BRIDGES TO COLLEGE ELA**

1.0 credit  
Course Code: ENG401-1st semester / ENG402-2nd semester  
Prerequisite: Teacher placement

Bridge to English is a transition course that prepares students for the future. This class will focus on reading, writing, speaking, and vocabulary skills through the study of nonfiction and literary texts. It is meant for students who have not yet met standards on the ELA SBA. Passing this course with a D or better meets the Washington State SBA English testing requirement. Passing with a B or better meets the Washington State College Readiness standard.

**CREATIVE WRITING**

.5 credit  
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**

.5 credit  
Course Code: ENG440

Prerequisite: Teacher recommendation

This is a survey course of Western Philosophy, covering everything from the Pre-Socratics through the Hellenists such as Socrates, Rationalists such as Descartes, Empiricists such as John Locke, Naturalists including Karl Marx, and culminating in the Existentialists represented by Nietzsche. Students will engage with these diverse concepts through reading, writing, discussion and activities. The overarching focus will be personal ethics with each student interacting with these philosophies and deciding how to best live life.

**ADVANCED PLACEMENT LITERATURE AND COMPOSITION**

1.0 credit  
Course Code: ENG513-1st semester / ENG514-2nd semester  
Prerequisite: Teacher recommendation / B grade or higher in Amer Lit, Adv Amer Lit or AP Lang and Comp

College credit possible for above average seniors 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 in an attempt to earn college credit.

**BUSINESS ENGLISH 1-2**

1.0 credit  
Course Code: BUV609-1st semester / BUV610-2nd 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.

**DRAMA 1**

1.0 credit  
Course Code: ENG631-1st semester / ENG632-2nd semester  
Prerequisite: Teacher permission for 9th graders

In drama 1, students will explore, study and perform beginning and intermediate concepts of acting. Units include: 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.
DRAMA 2  Fine Art-English or Elective - Grades: 10-12
1.0 credit  Course Code: ENG633-1st semester / ENG634-2nd semester
Prerequisite: Drama 1
In Drama 2, students will focus on improving their acting skills. Character development, text interpretation, and dramatic literature will be studied throughout the year. Units include two person scenes, monologues, technical theatre, and beginning directing. Outside hours at school required. This course can be taken as an English elective credit; however, it does not meet NCAA English requirements.

HEALTH AND FITNESS

HEALTH  Required - Grades: 9-12
.5 credit  Course Code: HEA101
Prerequisite: None
Health is a one-semester course focusing on lifestyle as a means 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

PHYSICAL EDUCATION  PE- Elective - Grades: 9-12
.5 credit (per semester)  Course Code: PED101-1st semester / PED102-2nd 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 to accommodate students with various abilities.

ATHLETIC WEIGHT TRAINING AND CONDITIONING  PE-Elective - Grades: 9-12
.5 credit (per semester)  Course Code: PED245-1st semester / PED246-2nd semester
Prerequisite: None
A course for athletes of all sports, inside and outside of school, with emphasis on daily hard work for the purpose of developing endurance, power, speed, strength and positive attitude about weight training. Students will work to prevent injuries and develop the ability to work past discomfort, to help improve their athletic performance. A student’s grade is based on performance and technique.

AEROBICS FITNESS AND TONING  PE-Elective - Grades: 9-12
.5 credit (per semester)  Course Code: PED231-1st semester / PED232-2nd 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.

STRENGTH AND CONDITIONING  PE-Elective - Grades: 9-12
.5 credit (per semester)  Course Code: PED141-1st semester / PED142-2nd 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 ultimate goal of this course is to produce a work ethic and knowledge base that students will use for life beyond high school.

FITNESS SWIM  PE-Elective - Grades: 9-12
.5 credits (per semester)  Course Code: PED151-1st semester / PED152-2nd semester
Prerequisite: None
Stroke work and conditioning will be the main emphasis.
The state graduation requirement for math has changed from two credits to 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. Students in the class of 2019 and beyond will be required to pass the Smarter Balance Assessment in Mathematics.

For the third credit of math, students may choose to take

- Algebra II and beyond, generally required for enrollment into a 4-year college, or
- Math Electives related to their identified career field, which requires parent approval

*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)

NEW MARKET COURSE

- Alternative Energy 1.0 (Math)
- Digipen Computer Science 1.0 (Math)

**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. For the third mathematics credit, 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. Students in the Class of 2020 and beyond will be required to pass the “Smarter Balance Assessment”. College Admission Minimum Math Requirement: Students intending to attend college in the state of Washington must also meet the minimum mathematic requirement for college admission. Students are expected to earn a minimum of three mathematics credits in 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**

**Elective - Grades: 9-12**

1.0 credit  Course Code: MAT095-1st semester / MAT096-2nd semester

**Prerequisite:** Teacher placement

This is a class designed for help prepare them for success in Algebra 1. The focus of the class will be simplifying expressions, solving equations and inequalities students to, Multiple Representations, and linear equations and systems of equations. Instructional materials for the course will include Engage New York (grades 6 – 8) *Essentials for Algebra*, and *Key Elements to Algebra Success*.

**ALGEBRA 1 SUPPORT**

**Elective Math- Grades: 9**

1.0 Credit  Course Code: MAT101-1st semester / MAT102-2nd semester

**Prerequisite:** Teacher placement

Students who are enrolled in this intervention mathematics course will take it concurrently with Algebra 1. This course provides students with an opportunity to fill in gaps in prerequisite mathematical knowledge, pre-teaching activities of upcoming ideas, and additional time and exposure to current Algebra 1 topics.

**ALGEBRA 1**

**Math - Grades: 9-12**

1.0 credit  Course Code: MAT111-1st semester / MAT112-2nd semester

**Prerequisite:** Passing grade in 8th grade math
This is the first year of the 3-year high school Math sequence. This introductory course of the Engage New York series will have students focus on the following topics: Problem solving, simplifying and solving, comparing linear, exponential and quadratic models, graphing equations and inequalities, transformations, data analysis, and statistics. Must be taken by 10th grade for on-time graduation pathway.

**GEOMETRY SUPPORT**  
**Math - Grades: 10-12**  
1.0 credit  
Course Code: MAT201-1st semester / MAT202-2nd semester  
Prerequisite: Passing grade in Algebra 1 and Teacher placement  
This course is for students that struggled in Algebra 1. Students who are enrolled in this intervention mathematics course will take it concurrently with Geometry. This is the second year of the 3-year high school Math sequence. This course provides students with an opportunity to fill in gaps in prerequisite mathematical knowledge, pre-teaching activities of upcoming ideas, and additional time and exposure to current Geometry topics.

**GEOMETRY**  
**Math - Grades: 9-12**  
1.0 credit  
Course Code: MAT211-1st semester / MAT212-2nd semester  
Prerequisite: Passing grade in Algebra 1  
This is the second year of the 3-year high school Math sequence. This course will extend upon the concepts studied in Algebra 1 as well as focus on the following topics: Congruence, similarity, trigonometry, circles, expressing geometric properties with equation, dimensions, and modeling with geometry.

**ALGEBRA 2**  
**Elective Math - Grades: 9-12**  
1.0 credit  
Course Code: MAT311-1st semester / MAT312-2nd semester  
Prerequisite: Passing grade in Geometry  
This is the third year of the College Preparatory Mathematics series. This course will solidify understanding of topics discussed in Algebra 1 and Geometry as well as focus on the following topics: Investigations and Functions, Sequences and Equivalence, Exponential Functions, Transformations of Parent Graphs, Solving and Intersections, Inverses and Logarithms, Trigonometric Functions, Polynomial Functions, Counting and Probability, Complex Numbers, Series and Binomial Theorem, and Analytic Trigonometry.

**ADVANCED ALGEBRA 2**  
**Elective Math - Grades: 9-12**  
1.0 credit  
Course Code: MAT321-1st semester / MAT322-2nd semester  
Prerequisite: B grade or above in Algebra 1 and Geometry and Teacher recommendation  
This is the advanced class. This is the third year of the College Preparatory Mathematics series. This course will solidify understanding of topics discussed in Algebra 1 and Geometry as well as focus on the following topics: Investigations and Functions, Sequences and Equivalence, Exponential Functions, Transformations of Parent Graphs, Solving and Intersections, Inverses and Logarithms, Trigonometric Functions, Polynomial Functions, Counting and Probability, Complex Numbers, Series and Binomial Theorem, and Analytic Trigonometry. In addition, topics covered in PreCalculus.

**MODELING OUR WORLD W/MATH**  
**Math or Elective – Grade: 11**  
1.0 credit  
Course Code: MAT301-1st semester / MAT302-2nd semester  
Pre-Requisite: None  
The materials focus on strengthening math concepts and skills and embed the mathematics in five thematic units: Finances for Life, Civic Readiness, Health and Fitness, Digital World, and Arts and Music. These five units are used to analyze everyday life experiences and to support informed life choices.

**PRINCIPLES FOR ALGEBRA/ AND GEOMETRY**  
**Math or Elective - Grade: 12**  
1.0 credit  
Course Code: MAT403-1st semester / MAT403-2nd semester  
Prerequisite: Teacher placement  
This course focuses on strengthening Algebra and Geometry skills by engaging in 5 real-world thematic units: Finances for Life, Civic Readiness, Health and Fitness, Digital World, and Art and Music. This course qualifies as a locally determined course with locally administered assessments and is an alternative to meeting the math assessment graduation requirement and prepares students to engage in higher level math courses in a college-preparatory pathway.

**BRIDGES TO COLLEGE MATH**  
**Elective Math - Grade: 12**  
1.0 credit  
Course Code: MAT401-1st semester / MAT402-2nd semester  
Prerequisite: Algebra 2  
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.
PRECALCULUS  Elective Math – Grades: 9-12
1.0 credit  Course Code: MAT431-1st semester / MAT432-2nd semester
Prerequisite: Passing grade in Algebra 2
This course includes the analysis of relations, functions and graphs, trigonometry, advanced functions and graphing, discrete mathematics, and an introduction to calculus. This course is required for students who wish to take Calculus in high school.

ADVANCED PLACEMENT CALCULUS  Elective Math – Grade: 9-12
AB YEAR 1  Course Code: MAT521-1st semester / MAT522-2nd semester
1.0 credit
Prerequisite: Passing grade in Pre-Calculus or Advanced Algebra 2 and Teacher recommendation
Review of Pre-Calculus topic and Calculus topics, including: 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 the College in high school program.

ADVANCED PLACEMENT CALCULUS  Elective Math – Grade: 10-12
BC YEAR 2  Course Code: MAT523-1st semester / MAT524-2nd semester
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 and multivariable Calculus. 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 in three dimensions, and Vector functions. Also taught are the calculus functions of two and three variables and vector functions.

ADVANCED PLACEMENT  Occupational or Elective Math – Grade: 10-12
STATISTICS  Course Code: MAT561-1st semester / MAT562-2nd semester
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.

MATH FOR BUSINESS & PERSONAL FINANCE 1  Occupational-Math Elective - Grades: 10-12
Course Code: BUV606
.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 tax payer, and valued employee. Topics may include: gross/net income, record keeping, checking/savings accounts, cash purchases, charge and credit accounts and loans.

MATH FOR BUSINESS & PERSONAL FINANCE 2  Occupational-Math Elective - Grades: 10-12
Course Code: BUV607
.5 credit
Prerequisite: Math For Business and Personal Finance 1
College credit available upon teacher approval
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, statistics and more.
**Class of 2021 and beyond Science Course Sequence:**

The standards are complex and structured with 3 dimensions: Science & Engineering Practices, Disciplinary Core Ideas, Cross-Cutting Concepts

- NTPS is making the shift to curricular materials and instruction that embraces the new standards and facilitates a more hands-on inquiry-based approach to science instruction.
- These new standards, like the Common Core State Standards for Math and English Language Arts, are grounded in greater Focus and Coherence.
  - These new standards foster critical thinking and have a greater focus on the practices employed by scientists and engineers. The most effective instruction will be hands-on for students.
  - There is less memorization of facts and terminology. These are now learned as needed while developing explanations and designing solutions supported by evidence-based arguments and reasoning.
  - Rather than learning ideas in isolation, instruction will now involve systems-thinking and modeling to explain local phenomena and to give a context for the ideas to be learned.
  - Teachers will be facilitating more student-conducted investigations, research, and discussions around questions that focus on the strength of evidence used to support students’ scientific claims.

There are several possible pathways that a student could pursue to meet the 3-course requirement for science. The sequence of courses will depend on student readiness, interests, and strengths, as well as post-high school aspirations.

State HS Science graduation requirements have changed for the Class of 2021 and beyond.
In order to graduate, incoming freshmen are now required to successfully complete 3 years of science (3.0 credits). At least 2.0 credits must be acquired in lab-based science courses.

All students in the 5th, 8th and 11th grades will take the new Washington Comprehensive Assessment of Science (NGSS standards) this spring. This new assessment will measure student proficiency with the new standards; passage is a graduation requirement for the Class of 2021 and beyond.

To meet the new graduation requirements and be prepared for success on the new assessment, students will now need to take one Biology, one Physics, and one Chemistry course during their freshmen, sophomore, and junior years. Below are a few example pathways. Essentially, beginning with the Class of 2021, all 9th-11th grade students need 1 course from each domain of Physics, Biology, and Chemistry. These examples do not capture every possible pathway a student might consider as there are multiple elective and science-based Career and Technical Education (CTE) options as a student progresses into the upper grades.

<table>
<thead>
<tr>
<th><strong>Core Pathway Examples</strong></th>
<th>Suitable for all students interested in entering the career field out of high school or attending a community college, trade school, or a 4-year college after graduation.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grade 9</strong></td>
<td><strong>Grade 10</strong></td>
</tr>
<tr>
<td>Stem Physics</td>
<td>Biology</td>
</tr>
<tr>
<td>Biology</td>
<td>Stem Physics</td>
</tr>
<tr>
<td>Stem Physics</td>
<td>Biology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Advanced Pathway Examples</strong></th>
<th>Highly recommended for students interested in attending a 4-year college or university where entrance is prioritized for students who have pursued some form of honors or advanced level coursework in high school.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grade 9</strong></td>
<td><strong>Grade 10</strong></td>
</tr>
<tr>
<td>Stem Physics</td>
<td>AP Biology</td>
</tr>
<tr>
<td>Stem Physics</td>
<td>Chemistry Or AP Chemistry</td>
</tr>
<tr>
<td>Biology</td>
<td>AP Physics</td>
</tr>
</tbody>
</table>
Highly Capable Pathway Examples
Available beginning in the freshman year for identified highly capable students with approval of current middle school teacher, instructing high school teacher, and parent. Students opting for this level of acceleration need to have demonstrated the capacity for success in an upper level college-preparatory course as an incoming freshman and may be required to take an initial placement test.

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>AP Biology</td>
<td>AP Physics</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>AP Biology</td>
<td>Chemistry Or AP Chemistry</td>
<td>AP Physics</td>
<td>Science Elective</td>
</tr>
<tr>
<td>Chemistry</td>
<td>AP Physics</td>
<td>AP Biology</td>
<td>Science Elective</td>
</tr>
</tbody>
</table>

Science Elective Credit:
- Animal Science (10-12)
- Horticulture (9-12) / Advanced Horticulture (9-12)
- Introduction to Engineering (10-12)
- Environmental Science (9-12)
- Anatomy/Physiology (11-12)
- AP Environmental Science (11-12)

Material Science Technology (11-12)
Science of Survival (11-12)
Electronics (10-12)
Environmental Chemistry (11-12)
Introduction to Robotics (9-12)

Class of 2020 Two years of science are required to meet graduation requirements:
The Science Department recommends that college-bound students complete four years of science study. To meet the State Essential Learning, and to prepare for the End of Course Exam.

Pathways Class of 2020
<table>
<thead>
<tr>
<th>Standard Pathway</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Science</td>
<td>Biology</td>
<td>Chemistry or CTE/Voc Science</td>
<td>Chemistry or Science Elective</td>
<td></td>
</tr>
</tbody>
</table>

Advanced Academic Pathway
| Biology          | AP Biology or Physics | AP Chemistry or AP Physics or AP Biology | AP Chemistry or AP Physics or Science Elective |

Optional Science Credit:
Science elective (see list above)

STEM PHYSICS
Science or Elective - Grades: 9-10
1.0 credit
Course Code: SCI231-1st semester / SCI232-2nd semester
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 the State science assessment and college readiness.

BIOLOGY
Science or Elective - Grades: 9-10
1.0 credit
Course Code: SCI211-1st semester / SCI212-2nd 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 New Generation Science Standards and prepares students for the State science assessment and college readiness.

ADVANCED PLACEMENT BIOLOGY
Science or Elective - Grades: 9-12
1.0 credit
Course Code: SCI511-1st semester / SCI512-2nd semester
Prerequisite: Algebra 1 and Teacher recommendation
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 Science or Elective - Grades: 10-12
1.0 credit Course Code: SCI311-1st semester / SCI312-2nd semester
Prerequisite: Algebra 2 or concurrent enrollment
The students in this lab-based course will examine the interrelationships of matter and energy in their everyday environment. Emphasis is placed on developing strong critical thinking and problem solving skills. Topics will include combustion, energy in earth system, chemical properties of elements and compounds, the chemistry of climate change, and ocean acidification. This course is aligned with the Next Generation Science Standards and prepares students for the State science assessment and college readiness.

ADVANCED PLACEMENT CHEMISTRY Science or Elective - Grades: 10-12
1.0 credit Course Code: SCI521-1st semester / SCI522-2nd semester
Prerequisite: Algebra 2 and Chemistry / Teacher recommendation
AP Chemistry is a college level Chemistry course designed to prepare students to take the AP chemistry exam. It is recommended that students complete Chemistry before taking this course as this will increase their preparedness for the AP exam. Students taking the course as a first year chemistry course will be required to do some intensive preparation during the summer before the course. The course will include study in: Stoichiometry, Titrations, Thermochemistry, Kinetics, Redox Reactions, and Nuclear Chemistry. Students will perform numerous college level lab experiments and will be required to maintain a college level lab notebook.

ADVANCED PLACEMENT PHYSICS Science or Elective - Grades: 10-12
1.0 credit Course Code: SCI1531-1st semester / SCI532-2nd semester
Prerequisite: Algebra 2 and Teacher recommendation
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.

SCIENCE OF SURVIVAL Science or Elective - Grades: 11-12
1.0 credit Course Code: SCI201-1st semester / SCI202-2nd semester
Prerequisite: Biology
In this course we will examine the basic scientific principles that can help you to survive in various situations and how to apply that knowledge in realistic situations. This includes how the human body works to keep us alive in extreme conditions (for example: our body’s response to extreme heat, cold or altitude) and the best choices to make using limited resources to help increase your chances of survival. Finally we will look at how the choices we make in our daily lives put us in survival situations (for example: drugs & cancer risk).

HUMAN ANATOMY AND PHYSIOLOGY Science or Elective – Grades: 11-12
1.0 credit Course Code: SCI361-1st semester / SCI362-2nd semester
Prerequisite: Biology
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.

MATERIAL SCIENCE Occupational-Science or Elective – Grade: 11-12
1.0 credit Course Code: SCI371-1st semester / SCI372-2nd semester
Pre-Requisite: None
This introductory course combines the academic disciplines of chemistry, physics, and engineering to create a MST curriculum. The course covers the fundamentals of ceramics, glass, metals, polymers, and composites. The basic philosophy of the course is for students to observe, experiment, record, question, seek additional information, and, through creative and insightful thinking, solve problems related to MST.

INTRODUCTION TO ENGINEERING Occupational-Science or Elective – Grade: 10-12
1.0 credit Course Code: SCI125-1st semester / SCI126-2nd semester
Pre-Requisite: None
Students dig deep into the engineering design process, applying math, science, and engineering to hands-on projects. They work both individually and in teams to design solutions to a variety of real-world problems, including design and construction of rockets, bridges, alternative vehicle, home, and robots. Engineering work will be documented using 3D modeling software and professional notebooks.
INTRODUCTORY ROBOTICS Occupational-Science or Elective - Grades: 9-12
1.0 credit  Course Code: SCI375-1st semester / SCI376-2nd semester
Prerequisite: None
Prepares individuals to apply basic engineering principles and technical skills in developing and using industrial robotics. Instruction will include: principles of robotics, design and operational testing, system maintenance and repair procedures, industrial robotics computer systems, PLC, and control language, specific industrial tasks, safety, and report preparation.

ENVIRONMENTAL SCIENCE Occupational-Science or Elective - Grades: 9-12
1.0 credit  Course Code: SCI345-1st semester / SCI346-2nd semester
Prerequisite: None
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, fresh water resources, forest environments, vocational forestry, water quality, and environmental decisions.

ENVIRONMENTAL CHEMISTRY Occupational-Science or Elective - Grades: 11-12
1.0 credit  Course Code: SCI351-1st semester / SCI352-2nd semester
Prerequisite: Biology / Teacher recommendation
This course builds on interdisciplinary scientific ideas needed to understand natural and human-made environmental problems, risks, and solutions. Through labs, projects, and field work this class will focus on earth systems and natural resources, the living world, population, land and water use, energy, pollution, and global change. This course is aligned with the Next Generation chemistry and earth science standards.

BEGINNING HORTICULTURE 1 Occupational or Science-Elective Grades: 9-12
.5 credit  Course Code: AGV101
Prerequisite: None
College credit available upon teacher approval (Tech Prep)
In this introduction to the horticulture industry, 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 Occupational or Science-Elective-Grades: 9-12
.5 credit  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 Science-Occupational or Elective Grades: 10-12
1.0 credit  Course Code: AGV121-1st semester / AGV122-2nd 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. This class may be used as science credit at Washington State University.
The minimum graduation requirement is 3 Social Studies credits.

The following classes should be taken in order:
Grade 9  World Studies 1 or Honors World History
Grade 10  World Studies 2 - 3 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 World Studies I (9th)
Grade 10  Advanced Placement World History (10th)
Grade 11  Advanced Placement United States History (11th)
Grade 12  Advanced Placement Government (12th)

WASHINGTON STATE HISTORY Social Studies – Grade: 9-12
No credit – met/not met  Course Code: SOC100
Prerequisite: This course is for students new to the State or for those who have failed Washington State History (PNW) at middle school level
Students will learn about events, trends, individuals, and movements which have shaped Washington State. Topics will range from geology, Native Americans, explorers and pioneers, through current issues and events.

WORLD STUDIES 1 Social Studies – Grade: 9
.5 credit  Course Code: SOC110
Prerequisite: None
Students explore world geography, history, and culture from the 1300’s through the 1700’s, starting with the Renaissance and Reformation through the French Revolution.

HONORS WORLD HISTORY Social Studies – Grade: 9
.5 credit  Course Code: SOC120
Prerequisite: None
This course is designed for students of advanced skill level. A challenging curriculum covers world history from 8000 BCE through 600 CE. Reading, writing and thinking skills will be at a level that will better prepare students for Advanced Placement World History.

WORLD STUDIES 2-3 Social Studies – Grade: 10
1.0 credit  Course Code: SOC211-1st semester / SOC212-2nd semester
Prerequisite: World Studies 1
In World Studies 2 and 3 (Western Civilization) students will explore world history from 1700 to present day, including the Industrial Age, WW I, 11, with an emphasis on geography, history, culture and current problems pertaining to different parts of the world.

ADVANCED PLACEMENT WORLD HISTORY Social Studies – Grades: 10
1.0 credit  Course Code: SOC501-1st semester / SOC502-2nd semester
Prerequisite: Teacher recommendation
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 in order 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 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 Social Studies – Grade: 11
1.0 credit  Course Code: SOC311-1st semester / SOC312-2nd semester
Prerequisite: None
United States History from its early foundations until the end of the 20th century. In depth study of modern US History, foreign policy and social issues; Imperialism, the influx of immigrants in the late 1800’s and early 1900’s reform movements of World War I and World War II, the Great Depression, and the post-World War II era to the present.

**ADVANCED PLACEMENT UNITED STATES HISTORY**  
Course Code: SOC521-1st semester / SOC522-2nd semester  
1.0 credit  
**Prerequisite:** Teacher recommendation  
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 in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Students 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**  
Course Code: SOC410  
.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 & POLITICS**  
Course Code: SOC511-1st semester / SOC512-2nd semester  
1.0 credit  
**Prerequisite:** Teacher recommendation  
This challenging course covers American Democracy, the Constitution, and foundations of American Political thought with an emphasis on current politics. At the end of the course students may take an extra exam to earn college credit. This class replaces the required .50 Civics/senior social studies class and is also an elective credit.

**PSYCHOLOGY**  
Course Code: SOC250  
.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.

**VISUAL AND PERFORMING ARTS**

**DIGITAL PHOTOGRAPHY 1**  
Course code: INV601  
.5 credit  
**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. This class may not be accepted as fine art credit at all four year universities.

**DIGITAL PHOTOGRAPHY 2**  
Course code: INV602  
.5 credit  
**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. This may not be accepted as fine art credit at all four year universities.
POTTERY AND SCULPTURE  Fine Arts-Elective - Grades: 9-12
.5 credit  Course Code: ART117
Prerequisite: None
Students will learn the various hand-building methods and combine them with decorative glaze techniques to create functional and sculptural pieces. Basic wheel throwing will be introduced and students will have opportunities to practice on the pottery wheels throughout the semester. Students will also experiment with mixed-media sculpture, using materials such as paper, wire, found objects, and more. $10 class fee is required.

DRAWING  Fine Arts-Elective - Grades: 9-12
.5 credit  Course Code: ART110
Prerequisite: None
This course introduces students to the basic skills and media of drawing, teaching them how to “see” as an artist sees. Students will learn how to draw realistically using materials such as graphite, charcoal, colored pencils, ink, and more. An introduction to the Elements of Art and principles of composition will provide students with a solid visual art foundation. $10 class fee is required.

PAINTING   Fine Arts-Elective - Grades: 9-12
.5 credit  Course Code: ART112
Prerequisite: None
This course introduces students to the Principles of Design and Color Theory. Students will experiment with a variety of materials including collage, watercolor, acrylic paint, ink, colored pencils and more. Projects will be both skill-based and conceptual. Students will develop a sense of craftsmanship with the materials used, as well as begin to develop their artistic voice and visual style. $10 class fee is required.

ADVANCED STUDIO ART   Fine Arts-Elective - Grades: 10-12
.5 credit  Course Code: ART211-1st semester / ART212-2nd semester
Prerequisite: Drawing/Painting or Teacher permission
This course is a continuation of Drawing and Painting and will build upon students’ understanding of the Elements of Art, Principles of Design, and Color Theory. Students will have greater freedom 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.

CHORUS   Fine Arts-Elective - Grades: 9-12
1.0 credit  Course Code: MUS101-1st semester / MUS102-2nd semester
Prerequisite: None
Chorus is a treble choir for soprano and alto singers only. An audition is not required. Pitch matching abilities are needed. 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. A $24.00 music fee is required.

SYMPHONIC CHOIR   Fine Arts-Elective - Grades: 9-12
1.0 credit  Course Code: MUS211-1st semester / MUS212-2nd semester
Prerequisite: None
Symphonic Choir is a mixed ensemble for men and women. 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. A $24.00 music fee is required.

JAZZ CHOIR   Fine Arts-Elective - Grades: 10-12
1.0 credit  Course Code: MUS301-1st semester / MUS302-2nd semester
Prerequisite: Membership by audition and Teacher permission
Jazz Choir is a group for highly skilled musicians with excellent music reading and singing abilities (audition required). Membership in Concert Chorale is a prerequisite for Jazz Choir members. 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. A $24.00 music fee is required.
CONCERT CHORALE  Fine Arts-Elective - Grades: 10-12
1.0 credit  Course Code: MUS201-1st semester / MUS202-2nd semester
Prerequisite: Membership by audition and/or Teacher recommendation
Concert Chorale is a select group (audition required) for men and women. We work on listening to the blend and balance of male and female singers 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. A $24.00 music fee is required.

STRING ORCHESTRA  Fine Art-Elective - Grades: 9-12
1.0 credit  Course Code: MUS131-1st semester / MUS132-2nd semester
Prerequisite: Background training on a string instrument or Teacher permission
This orchestra is designed to improve playing techniques and build musicianship. The group performs several times during the school year. Members must purchase the designated uniform or pay use and cleaning fees if the school furnishes the uniform. Attendance at all activities before, during and after school is required. A $24.00 music fee is required.

CAMERATA STRINGS  Fine Arts-Elective - Grades: 9-12
1.0 Credit  Course Code: MUS231-1st semester / MUS232-2nd semester
Prerequisite: Successful Audition or by Teacher permission
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. Attendance at all performances is required. Practicing outside of class is required and is a major grading criterion. Members must purchase designated uniforms or rent from the school. A $24.00 music fee is required.

SYMPHONY ORCHESTRA  Fine Arts-Elective - Grades: 10-12
1.0 credit  Course Code: MUS333-1st semester / MUS334-2nd semester
Prerequisite: Successful audition on a stringed instrument and Teacher permission
A select performing group with approximately eight major performances each year with wind players selected from Symphonic Band. Attendance at all activities before, during and after school is required. Members must purchase designated uniform or pay use and cleaning fees if school purchases uniform. Membership in this orchestra is strictly by audition or director’s recommendation. A $24.00 music fee is required.

CONCERT BAND 9th  Fine Arts–Elective - Grades: 9
1.0 credit  Course Code: MUS109-1st semester / MUS110-2nd semester
Prerequisite: Previous band experience
For all 9th Grade Band. 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. A $24.00 music fee is required.

CONCERT BAND  Fine Arts–Elective - Grades: 10-12
1.0 credit  Course Code: MUS111-1st semester / MUS112-2nd 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. A $24.00 music fee is required.

SYMPHONIC BAND  Fine Arts-Elective - Grades: 10-12
1.0 credit  Course Code: MUS311-1st semester / MUS312-2nd semester
Prerequisite: One year in Concert Band, successful audition and Teacher permission.
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. A $24.00 music fee is required.

JAZZ BAND  Fine Arts-Elective - Grades: 9-12
1.0 credit  Course Code: MUS321-1st semester / MUS322-2nd 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. A $24.00 music fee is required.

**AP MUSIC THEORY**  
Fine Arts-Elective - Grades: 10-12  
1.0 credit  
Course Code: MUS500  
Prerequisite: Teacher permission  
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 an instrument. The ultimate 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 Independent Study.

**DRAMA 1**  
Fine Art-English or Elective - Grades: 9-12  
1.0 credit  
Course Code: ENG631-1st semester / ENG632-2nd semester  
Prerequisite: Teacher permission for 9th graders  
In drama 1, students will explore, study and perform beginning and intermediate concepts of acting. Units include: 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.

**DRAMA 2**  
Fine Art-English or Elective - Grades: 10-12  
1.0 credit  
Course Code: ENG633-1st semester / ENG634-2nd semester  
Prerequisite: Drama 1  
In Drama 2, students will focus on improving their acting skills. Character development, text interpretation, and dramatic literature will be studied throughout the year. Units include two person scenes, monologues, technical theatre, and beginning directing. Outside hours at school required. This course can be taken as an English elective credit; however, it does not meet NCAA English requirements.

**METAL DESIGN**  
Occupational-Fine Arts or Elective - Grades: 9-12  
(Levels 1, 2, 3, 4)  
.5 credit  
Prerequisite: None or INV665 / 666 / 667  
College credit available upon teacher approval (Tech Prep)  
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.

## WORLD LANGUAGES

**FRENCH 1**  
Course Code: FOR111-1st semester / FOR112-2nd semester  
1.0 credit  
Elective-Grades: 9 - 12  
Prerequisite: None, students must earn a “C” or better to continue on to 2nd semester  
First year language students 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.

**GERMAN 1**  
Course Code: FOR121-1st semester / FOR122-2nd semester  
1.0 credit  
Elective-Grades: 9 - 12  
Prerequisite: Completion of first year course with a “C” 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  Course Code: FOR211-1st semester / FOR212-2nd semester
GERMAN 3  Course Code: FOR221-1st semester / FOR222-2nd semester
SPANISH 3  Course Code: FOR301-1st semester / FOR302-2nd semester
1.0 credit  Elective-Grades: 10-12
Prerequisite: Completion of first year course with a “C” or better each semester.
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  Elective - Grades: 10-12
1.0 credit  Course Code: FOR505-1st semester / FOR506-2nd semester
Prerequisite: Completion of second year course with final grade of “B” or better and Teacher recommendation
The first semester for this course uses the same curriculum as Spanish 3. The second semester curriculum changes to a college class. Spanish 103 is a third year Spanish course that is offered for University of Washington credit and follows the UW curriculum testing policies and grading scales. In this course the 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. All students enrolled in the course, regardless of earning college credit, must pay a fee for My Language Lab. Students also receive high school credit. A minimum of 15 students is needed for this class to be offered. If the minimum is not met, students will be enrolled in Spanish III.

FRENCH 3/103  Elective - Grades: 10-12
1.0 credit  Course Code: FOR515-1st semester / FOR516-2nd semester
Prerequisite: Completion of second year course with final grade of “B” or better and Teacher recommendation
French 3/103 is a third year French course that is offered for University of Washington credit and follows the UW curriculum testing policies and grading scales. In this course the 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 UW if they pay a reduced tuition. All students enrolled in the course, regardless of earning college credit, must pay a fee for My Language Lab. Students also receive high school credit. A minimum of 4 students is needed for this class to be offered for UW credit.

SPANISH HERITAGE LEARNERS (HL)  Elective - Grades: 9-12
1.0 credit  Course Code: FOR403-1st semester / FOR404-2nd semester
Prerequisite: Teacher recommendation
For Heritage Learners (students who are exposed to Spanish at home). El español HL es un curso para estudiantes avanzados de herencia. El enfoque del curso será la lectura, la escritura, el discurso y la historia y la cultura hispana. Spanish HL is a course for heritage learners of Spanish with a focus in reading, writing, speaking, and Hispanic history/culture.

AMERICAN SIGN LANGUAGE 1  Elective - Grades: 10-11
1.0 credit  Course Code: FOV601-1st semester / FOV602-2nd 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: FOV603-1st semester / FOV604-2nd 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.
ENGLISH LANGUAGE LEARNERS

ELL BEGINNING ENGLISH  Elective – Grades: 9-12
1.0 credit  Code: ESL121-1st semester / ESL122-2nd 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 APPLIED ENGLISH  Elective – Grades: 9-12
1.0 credit  Course Code: ESL131-1st semester / ESL132-2nd semester
Prerequisite: Teacher recommendation
This class is designed to give newcomers ELL students who have no prior academic knowledge of English more time to acquire basic language, cultural, and technology literacy. Students will become familiar with life on campus and develop academic skills for mainstream classes.

ELL INTERMEDIATE ENGLISH  Elective – Grades: 9-12
1.0 credit  Course Code: ESL201-1st semester / ESL202-2nd 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 COMPOSITION  Elective – Grades: 9-12
1.0 credit  Course Code: ESL205-1ST semester / ESL206-2nd semester
Prerequisite: Teacher recommendation
For advanced level students. Students will continue reading and writing practice and develop organization and study skills to improve academic achievement.

ELL TRANSITIONAL ENGLISH 1, 2  Elective - Grades: 9-12
1.0 credit  Course Code: ESL301-1st semester / ESL302-2nd semester
Prerequisite: Teacher recommendation
For high intermediate to advanced level students. Students will read near grade level fiction and non-fiction. Students will also practice different forms of writing and advanced level grammar.

ELL PEER TUTOR  Elective – Grades: 11-12
.5 credit  Course Code: TAS121
Prerequisite: Teacher recommendation
Students will assist ELL students to learn English and other ELL class content as directed by the teacher. Students must have a cumulative GPA of 2.5 or higher and may be a native speaker of English or a proficient non-native speaker. Students must have excellent attendance, with no more than 6 absences first semester. Students must not have had disciplinary sanctions during first semester. No more than one peer tutor is allowed per teacher per period.

SPECIAL EDUCATION

S GENERAL MATH 1  Math – Grades: 9-12
1.0 credit  Course Code: MAS081-1ST semester / MAS082-2nd semester
Prerequisite: IEP
This class is the first step in a series of Math courses within the Special Education Department. This course will review previously taught math concepts in as well as focus on individual IEP goals and objectives. In addition, topics of study include: place value and decimal fractions, multi-digit whole numbers and decimal fraction operations, addition and subtraction of fractions, multiplication and division of fractions and decimal fractions, addition and multiplication with volume and area, and problem solving with the coordinate plane.

S GENERAL MATH 2  Math – Grades: 9-12
1.0 credit  Course Code: MAS083-1st semester / MAS084-2nd semester
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 include: (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.

S PRE-ALGEBRA  
Math – Grades: 9-12  
1.0 credit  
Course Code: MAS095-1st semester / MAS096-2nd semester  
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 include: 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.

S ENGLISH 9  
English – Grades: 9-10  
1.0 credit  
Course Code: ENS101-1st semester / ENS102-2nd semester  
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.

S ENGLISH 10  
English – Grades: 10-11  
1.0 credit  
Course Code: ENS201-1st semester / ENS202-2nd semester  
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.

S ENGLISH 11  
English – Grades: 11-12  
1.0 credit  
Course Code: ENS301-1st semester / ENS302-2nd semester  
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.

S PERSONAL HEALTH & SAFETY  
Grades: 9-12  
1.0 credit  
Course Code: SUP305-1st semester / SUP306-2nd semester  
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. Specific works will be how to deal with daily challenges, focusing on what to do when you are frustrated, confused, or angry with the pressures of life. 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  
Grades: 9-12  
1.0 credit  
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 in order 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  
Elective - Grades: 9-12  
1.0 credit  
Course Code: SUP196-1st semester / SUP197-2nd 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.
ADAPTIVE PHYSICAL EDUCATION  PE- Elective - Grades:  9-12
.5 credit  Course Code:  SUP501-1st semester SUP502-2nd 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.

ENGLISH FOR HEARING IMPAIRED  English – Grades:  9 - 12
1.0 credit  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

AVID 9  Elective-Grade:  9
1.0 credit  Course Code:  AVI100
Prerequisite: Interview and Teacher or Counselor recommendation
AVID 9 is the AVID elective course for 9th graders. Students will learn WICOR strategies (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.

AVID 10  Elective-Grade:  10
1.0 credit  Course Code:  AVI200
Prerequisite: Interview and Teacher or Counselor recommendation
AVID 10 is the AVID elective course for sophomores. 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.

AVID 11  Elective-Grade:  11
1.0 credit  Course Code:  AVI300
Prerequisite: Interview and Teacher or Counselor recommendation
AVID 11 is the AVID elective course for juniors. 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.

AVID 12  Elective-Grade:  12
1.0 credit  Course Code:  AVI400
Prerequisite: Interview and Teacher or Counselor recommendation
AVID 12 is the AVID elective course for 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.

ANNUAL  Elective - Grades:  10-12
1.0 credit  Course Code:  ENG741-1st semester / ENG742-2nd 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.
Students can enroll in only one Teacher Assistant class per semester.

**ATTENDANCE ASSISTANT (TA)**  
Elective-Grades: 11-12  
.5 credit  
Prerequisite: Teacher recommendation  
Duties include picking up attendance slips, taking and delivering messages, typing and filing, and computer work. Office and computer skills will be necessary.

**COUNSELING CENTER (TA)**  
Elective-Grades: 11-12  
.5 credit  
Prerequisite: Counselor recommendation  
Duties include keeping vocational/occupational/college catalog files up to date, delivering messages, running errands, and answering telephones. Good Customer Service Skills required.

**PEER TUTOR (Teachers)**  
Elective-Grades: 11-12  
.5 credit  
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**  
Elective-Grades: 11-12  
.5 credit  
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.
**Running Start**

The Running Start program was created by the Legislature to expand educational options for students. The student enrolls simultaneously in high school and college classes (or solely in college classes) for the purpose of earning credit to be awarded by the high school and college. Five college quarter credits are equal to one high school credit. The high school determines which classes at the college are equivalent to the high school requirements (see below). Homeschooled students need to register for Running Start at Student Service at the Service Center.

### North Thurston HS SPSCC Course Equivalencies 2019 - 2020

<table>
<thead>
<tr>
<th>High School Requirement*</th>
<th>College Credit</th>
<th>SPSCC Course</th>
<th>HS Requirement Met or In-Progress?</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>10</td>
<td>ENGL&amp; 101+, CMST 101+ (except CMST 102)</td>
<td></td>
</tr>
<tr>
<td><strong>Note:</strong> ENGL 102 or 104 is also used as part of the Culminating Project.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washington State History</td>
<td>5</td>
<td>HIST &amp; 214</td>
<td></td>
</tr>
<tr>
<td>World History</td>
<td>5</td>
<td>HIST &amp; 126, 127, 128, 140, 204, IIS 125, 129, 130, 131, 145, HUM 121, 140, 240</td>
<td></td>
</tr>
<tr>
<td>US History</td>
<td>5</td>
<td>HIST &amp; 146, 147, OR 148 (Pick One)</td>
<td></td>
</tr>
<tr>
<td>Civics</td>
<td>5</td>
<td>POLS &amp; 202</td>
<td></td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>10</td>
<td>MATH &amp; 101+</td>
<td></td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>10</td>
<td>ANTH &amp; 205, ASTR &amp; 100, BIOL &amp; 100+, BOT 101+, CHEM &amp; 110+, EARTH &amp; 106, ENVS &amp; 100, GEOL 101, MATH &amp; 107+, NUTR &amp; 101, OCEA &amp; 101, PHYS &amp; 114+</td>
<td></td>
</tr>
<tr>
<td><strong>Note:</strong> At least 5 credits must be lab science.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PE</strong></td>
<td>8</td>
<td>PE 100+</td>
<td></td>
</tr>
<tr>
<td><strong>Health</strong></td>
<td>5</td>
<td>NUTR &amp; 101, PE 180</td>
<td></td>
</tr>
<tr>
<td><strong>Fine Arts</strong></td>
<td>5</td>
<td>ART 101+, DRMA 101+, MUSC 100+</td>
<td></td>
</tr>
<tr>
<td><strong>Occupational Education</strong></td>
<td>5</td>
<td>AUTO 100+, AEC 101+, BUS 101+, CAP 102+, CIS 145+, CNA 101+, ECED 100+, HDEV 101+, MED101+, FILMP110+, OFTEC 100+, WELD 101+</td>
<td></td>
</tr>
<tr>
<td><strong>Culminating Project</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Component 1</td>
<td>5</td>
<td>ENGL &amp; 102</td>
<td></td>
</tr>
<tr>
<td>Component 2</td>
<td>4-Jan</td>
<td>HDEV 102</td>
<td></td>
</tr>
<tr>
<td><strong>Elective</strong></td>
<td>varies</td>
<td>Any course student is qualified for at the college</td>
<td></td>
</tr>
</tbody>
</table>

### Running Start Funding Limit Table 2019 - 20

<table>
<thead>
<tr>
<th>Class Period</th>
<th>Enrolled at North Thurston High School</th>
<th>Credit Limit at the College</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Weekly Minutes*</td>
<td>Period FTE</td>
</tr>
<tr>
<td>1</td>
<td>300</td>
<td>0.20</td>
</tr>
<tr>
<td>2</td>
<td>300</td>
<td>0.20</td>
</tr>
<tr>
<td>3</td>
<td>300</td>
<td>0.20</td>
</tr>
<tr>
<td>4</td>
<td>300</td>
<td>0.20</td>
</tr>
<tr>
<td>5</td>
<td>300</td>
<td>0.20</td>
</tr>
<tr>
<td>6</td>
<td>300</td>
<td>0.20</td>
</tr>
</tbody>
</table>

*There are six class periods a day. Weekly minutes is calculated as actual class time plus passing time.

**To calculate total FTE add the Period FTE together for all periods you are enrolled in at the high school.

***Students registering for exactly 10 college cr. will be granted a 1 cr. waiver for the 10th cr.
NEW MARKET SKILLS CENTER COURSES  
www.newmarketskills.org

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

Please refer to New Market website for Course Description and further information:  
http://newmarketskills.org/course-catalog/

<table>
<thead>
<tr>
<th>NMSC Program</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive Service Technology (AST)</td>
<td>Transportation, Distribution, and Logistics</td>
</tr>
<tr>
<td>Advanced Automotive Services Technology (AAST)</td>
<td>Transportation, Distribution, and Logistics</td>
</tr>
<tr>
<td>Business Academy / Small Business Academy (BA)</td>
<td>Business / Finance</td>
</tr>
<tr>
<td>Collision Repair Technology (CRT)</td>
<td>Transportation, Distribution, and Logistics</td>
</tr>
<tr>
<td>Commercial Graphic Design AP* (CGD)</td>
<td>Arts, A/V Technology and Communication</td>
</tr>
<tr>
<td>Computer Hardware Networking (CHAN)</td>
<td>Information Technology</td>
</tr>
<tr>
<td>Construction Trades (CT)</td>
<td>Architecture and Construction</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>Human Services</td>
</tr>
<tr>
<td>Criminal Justice (CJ)</td>
<td>Law, Public Safety, Corrections and Security</td>
</tr>
<tr>
<td>**Summer school commitment required</td>
<td></td>
</tr>
<tr>
<td>Culinary Arts (CA)</td>
<td>Hospitality and Tourism</td>
</tr>
<tr>
<td>Cyber Security</td>
<td>Information Technology</td>
</tr>
<tr>
<td>DigiPen Computer Science (DCSAP)</td>
<td>Arts, A/V Technology and Communication</td>
</tr>
<tr>
<td>Fire Fighting and EMS Careers (FS)</td>
<td>Human Services</td>
</tr>
<tr>
<td>Pre Veterinarian Technician (PVT)</td>
<td>Agriculture, Food and Natural Resources</td>
</tr>
<tr>
<td>Professional Medical Careers (PMC)</td>
<td>Health Science</td>
</tr>
<tr>
<td>YouthBuild (YB)</td>
<td>Architecture and Construction</td>
</tr>
</tbody>
</table>

2019-2020 School Year

New Market Skills Center Agreements for Equivalency Credit

The 10 member, school district consortium has approved the following programs for equivalency crediting:

Collision Repair
  English: .5 credit per semester
  Commercial Graphic Design*
    Fine Art: .5 credit per semester
Criminal Justice
  Completion of first or second semester .5 credit social studies elective
  Completion of full year, .5 credit social studies elective and .5 Civics
Culinary Arts
  English: .5 credit per semester
DigiPen Computer Science*
  3rd year Math: .5 credit per semester
  Fine Art: .5 credit per semester
  Computer Science: .5 credit per semester
Firefighting and EMT
  Health and Fitness .5 credit per semester
  Science: .5 Lab Science credit per semester
Pre-Veterinarian Technician
  Anatomy and Physiology: .5 Lab Science credit per semester

Note:
  - Courses are cross-credit eligible for .5 credit for semester enrollment.
  - Equivalency credit is posted on the knowledge grade. A second cross-credit is posted on the skill grade.
  - Courses specific titles (') need to be transcribed in place of knowledge grade
  - Courses designated (*) may have AP designations and will be transcribed as such

A Consortium of 10 School Districts: Centralia, Olympia, North Thurston, Oakville, Rainier, Rochester, Shelton, Tenino, Tumwater, and Yelm
What Courses are Tech Prep At My High School?

As part of the agreement between South Puget Sound Community College 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:

<table>
<thead>
<tr>
<th>Tech Prep Course</th>
<th>College Course Equivalent</th>
<th>Credit earned at College</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro AND Adv Marketing</td>
<td>BUS 160 (Principles of Marketing)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Advanced Auto Service</td>
<td>Auto 100 (Intro to Automotive)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Beginning AND Intermediate Auto Care</td>
<td>Auto 100 (Intro to Automotive)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Accounting</td>
<td>OFTEC 170 (Practical Accounting)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Business English</td>
<td>OFTEC 160 (Business English)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Welding - I, II, III or IV</td>
<td>WELD 100 (Intro to Welding)</td>
<td>4.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Intro AND Adv Marketing</td>
<td>BUS 160 (Principles of Marketing)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Child Development</td>
<td>ECED &amp; 100 (Childcare Basics)</td>
<td>3.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Business Law and Justice</td>
<td>POL S 102 Law and Society</td>
<td>5.0 credits</td>
<td>GHC</td>
</tr>
<tr>
<td>Mechanical Drafting I</td>
<td>CAD 101 (Mechanical Drafting I)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
<tr>
<td>Architectural Drafting AND Design I</td>
<td>CAD 120 (Architectural Drafting I)</td>
<td>5.0 Credits</td>
<td>SPSCC</td>
</tr>
</tbody>
</table>

Registering for Tech Prep:
1. Go to [https://www.ctesers.org/](https://www.ctesers.org/)
2. Click “Student”
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 you 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, hover 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”
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 9th grade
3. A college entrance test (SAT or ACT)
4. Any special requirements specific to the college or university

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 in order 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 occupational 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.
Options for Students Not Graduating

After Four Years of High School

Students who have not met their high school graduation requirements AND have not earned a regular high school diploma are eligible for a free public education through the school year in which they turn 21 years of age. This includes students under 21 who have earned a high school equivalency certificate or are enrolled in:

- Career and technical education programs including skills centers;
- Transitional bilingual instruction programs;
- Special education programs; OR
- Migrant education programs.

High schools and school districts continue to receive Basic Education Allocation (BEA) and any other funding that these students generate.

FREE OPTIONS

Free options are available for students who are NOT graduating after four years of high school and want to meet their high school graduation requirements. The options are:

1. Continued Enrollment in High School: All students are eligible to attend their resident high school through the school year in which they turn 21.

2. Enrollment in a School District High School Completion Program: School districts may contract with community colleges to offer tuition-free high school completion programs to students still enrolled in their resident school district. Upon completion of program, students receive a high school diploma from that district.

3. Continued Running Start: Students who participated in Running Start during their 11th- and 12th-grade years but didn’t complete the classes required for high school graduation may continue their Running Start participation, but only to take those classes through Running Start that they failed or did not complete and are needed to earn a high school diploma. (The Running Start program allows eligible 11th- and 12th-grade students to take college classes tuition free and accrue both high school and college credit for those classes.)

4. Open Doors [1418] Youth Reengagement: A district-run program or partnership between the district and a college, ESD or community-based organization that provides:
   - Academic instruction, including high school equivalency certificate preparation, academic skills and college and work readiness preparation, that generates high school credit for a diploma and has the goal of academic and work readiness.
   - Instruction by certificated teachers or college instructors whose credentials are established by the college.
   - Case management, counseling and resource and referral services.
   - Opportunity for qualified students to enroll in college courses tuition-free, if the program provider is a college.

Students who are not graduating after four years of high school also have paid options available if they choose not to return to high school.

PAID OPTIONS

Paid options are available for students who are NOT graduating after four years of high school and want to meet their high school graduation requirements. The options are:

1. Enroll in a Community and Technical College High School Completion Program: A number of community colleges in the state offer high school completion programs, providing students with a high school diploma from the college. Students must drop out of their resident high school to enroll in these programs. In most cases, students are charged tuition and fees for enrollment, although the colleges have the authority to waive tuition and fees for students 19 and older. Students 16 to 18 years of age must have a signed release from their resident school district in order to enroll in a community college high school completion program.

2. Pursue a High School Equivalency Certificate: Students 16 and older may earn a high school equivalency certificate by passing required tests through a high school completion program. In order to take the tests, students must have dropped out of or withdrawn from their resident high school. State community and technical colleges are the official testing centers for the high school equivalency certificates. Students pay fees for the assessment(s) and may have to pay tuition and fees for preparation courses offered through community and technical colleges. The certificate is not identical to a high school diploma, and students who earn a high school equivalency certificate are considered dropouts for high school accountability purposes. However, students who are under 21 years of age and who have a high school equivalency certificate can still fulfill their high school graduation requirements and get their diploma. (See Free Options No. 1 and 2 above.)

3. Enroll in a Public Two- or Four-Year College or University: None of the public colleges and universities in Washington requires that students have a high school diploma in order to be admitted, although a high school diploma significantly increases the chances of admission to the state’s four-year institutions. Students without high school diplomas who enroll in colleges and universities pay full tuition and fees like all other students. Students who do not have a high school diploma or high school equivalency certificate may not be eligible for certain federal, state and private financial aid.
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:

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.