# Career Program of Study

**Wenatchee High School**

This Science, Technology, Engineering and Math Career Program of Study (POS) is designed to assist students to be well prepared to pursue careers in planning, managing and providing scientific research and professional and technical services including laboratory and testing services, and research and development services in the fields of physical and social sciences and engineering. Courses listed within this POS are a blend of graduation requirements and recommended courses and should be individualized to meet each learner’s education and career goals as well as post-secondary entrance requirements. Please see your counselor for specific requirements.

<table>
<thead>
<tr>
<th>Gr</th>
<th>English</th>
<th>Social Studies</th>
<th>Science</th>
<th>Math*</th>
<th>Health &amp; Fitness</th>
<th>Arts</th>
<th>Career &amp; Tech Education</th>
<th>Other</th>
<th>WHS Graduation Requirements**</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>1.0 Cr</td>
<td>Freshman English</td>
<td>1.0 Cr Intro to Physics &amp; Chemistry OR Intro to Physics &amp; Chemistry (AG)</td>
<td>1.0 Cr Algebra</td>
<td>1.0 Cr Fine/Performing Arts OR CTE Art Equivalencies</td>
<td>0.5 Cr Business Computer Applications I &amp; II</td>
<td>2.0 Cr International Language</td>
<td><strong>Credit Requirements (Cr):</strong> &lt;br&gt; 3.5 Cr – English&lt;br&gt; 2.0 Cr – Math* (2009-12)&lt;br&gt; 2.5 Cr – Science&lt;br&gt; 3.0 Cr – Social Studies&lt;br&gt; 1.5 Cr – Phys Ed&lt;br&gt; 0.5 Cr – Health&lt;br&gt; 1.0 Cr – Fine Arts&lt;br&gt; 1.5 Cr – Occupational Ed&lt;br&gt; 6.5 Cr – Electives</td>
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<tr>
<td>10</td>
<td>1.0 Cr</td>
<td>Sophomore English</td>
<td>0.5 Cr World History</td>
<td>1.0 Cr Biology OR Biology (AG)</td>
<td>0.5 Cr Health 10</td>
<td>1.0 Cr Introduction to Drafting</td>
<td><strong>Additional Requirements:</strong> &lt;br&gt; • High School and Beyond Plan&lt;br&gt; • Culminating Project&lt;br&gt; *See state math requirements &amp; 3.0 Cr. Math for 2013 &amp; beyond</td>
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<tr>
<td>11</td>
<td>1.0 Cr</td>
<td>English</td>
<td>1.0 Cr US History</td>
<td>1.0 Cr Chemistry OR CTE elective science equivalent</td>
<td>0.5 Cr P.E.</td>
<td>1.0 Cr (or more) Introduction to AutoCAD</td>
<td><strong>Courses listed above in BLUE receive Tech Prep college credit. See CTE instructor for details. Courses listed in RED are additional recommended courses.</strong></td>
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<tr>
<td>12</td>
<td>0.5 Cr</td>
<td>English &amp;/OR 0.5 Cr Business Communication</td>
<td>0.5 Cr Citizen WA</td>
<td>1.0 Cr CWP</td>
<td>1.0 Cr Physics OR CTE elective science equivalent</td>
<td>1.0 Cr (or more) Natural Resource Science</td>
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**Program Options**

- **Career Examples**
  - Industrial and Aircraft Mechanic<br>  - Engineering Technician<br>  - Science Technician<br>  - Natural Resources Technician
  - Engineers (Aerospace, Biomedical, Civil, Electrical, Environmental, Materials, Mechanical, Nuclear, Petroleum, Safety)
  - Chemist<br>  - Environmental Scientist<br>  - Sociologist<br>  - Anthropologist<br>  - Physicist<br>  - Biologist

- **Possible Ed Sites in Washington**
  - Wenatchee Valley College—Drafting Tech Program, 14 TP credits possible & Natural Resources Tech Program, 10 TP credits possible
  - Yakima Valley Community College
  - Walla Walla Community College
  - University of Washington
  - Washington State University
  - Seattle Pacific University
  - Central Washington University

**See your counselor, the Career Center, or www.wois.org for additional information. This list of careers and schools is not intended to be all-inclusive.**

Winter/2010

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