### Arizona Career and Technical Education Program of Study 2015

**High School:** Page High School  
**Secondary CTE Program:** Welding Technology  
**Secondary CIP Code:** 48.0508

**Postsecondary Institution:** Coconino Community College  
**Postsecondary Program:** Vocational Technology Education  
**Postsecondary CIP Code:** 46.9999

<table>
<thead>
<tr>
<th>GRADE</th>
<th>CTE Secondary courses and Postsecondary major courses and CTSOs</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>Other required courses/electives</th>
<th>Postsecondary degree or certificate associated with this Program of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Industrial Tech</td>
<td>English 9</td>
<td>Algebra</td>
<td>Lab Science Seminar</td>
<td>Drafting I DFT-110 Technical Drafting &amp; CAD Fundamentals (3) DE only</td>
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**SECONDARY**  
Administer Arizona’s Instrument for Measuring Standards (AIMS) 10th Grade.

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<tbody>
<tr>
<td>10</td>
<td>Welding I</td>
<td>English 10</td>
<td>Geometry</td>
<td>Biology I</td>
<td>World Geog/History</td>
<td>Drafting I DFT-110 Technical Drafting &amp; CAD Fundamentals (3) DE only</td>
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</tr>
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**SECONDARY**  
Administer college course placement assessments.  
Conduct academic/career advising. Identify and implement additional preparation strategies.

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**SECONDARY**  
Vocational Technology Education (AA) Courses transfer to a BS in Vocational Technology Education at NAU

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<tbody>
<tr>
<td>12</td>
<td>Welding III WLD-106 (3)</td>
<td>AP Literature &amp; Composition ENG-102 (3)</td>
<td>Pre-Calculus MAT-187 (5)</td>
<td>Botany</td>
<td>Government/Economics</td>
<td>CAD 3-D DFT-200 AutoCAD 3-D (3) DE only</td>
<td></td>
</tr>
</tbody>
</table>

**POSTSECONDARY**  
Administer Arizona’s CTE Technical Skills Assessment.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>1st Semester</th>
<th>WLD-102 Basic Welding Fabrication (3)</th>
<th>ENG-101 College Comp I (3)</th>
<th>PHY-111 College Physics I (4)</th>
<th>Social / Behavioral Science (3)</th>
<th>EDU-200 Introduction to Education (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>2nd Semester</td>
<td>WLD-106 Intermediate Welding (3)</td>
<td>ENG-102 College Comp II (3)</td>
<td>PHY-112 College Physics II (4)</td>
<td>Arts / Humanities (3)</td>
<td>AUT, CRP, DFT, ELT, CTM, WLD Elective (3)</td>
</tr>
<tr>
<td>Year 2</td>
<td>1st Semester</td>
<td>CTM-115 Intro to Woodworking (3)</td>
<td>MAT-187 Pre-Calculus (5)</td>
<td>Arts / Humanities (3)</td>
<td>AUT, CRP, DFT, ELT, CTM, WLD Elective (6)</td>
<td></td>
</tr>
<tr>
<td>Year 2</td>
<td>2nd Semester</td>
<td>AUT, CRP, DFT, ELT, CTM, WLD Elective (3)</td>
<td>MAT-187 Pre-Calculus (5)</td>
<td>Arts / Humanities (3)</td>
<td>AUT, CRP, DFT, ELT, CTM, WLD Elective (6)</td>
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**Required Courses**

<table>
<thead>
<tr>
<th>Career and Technical Education Courses</th>
<th>Recommended Elective Courses</th>
</tr>
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<tbody>
<tr>
<td>Credit-Based Transition Programs (e.g. Dual, Concurrent or Reverse Enrollment)</td>
<td></td>
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* Students who wish to earn additional dual enrollment credit toward this degree may enroll in Ed Professions III (EDU 200) Drafting I (DFT 110), Architectural Drafting (DFT 150), & CAD 3D (DFT 200)

**CTE Director:**  
**Date:**  
**Postsecondary:**  
**Date:**