## Arizona Career and Technical Education Program of Study 2015

**High School:** Coconino 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

### CTE Director:

<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>
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</thead>
<tbody>
<tr>
<td>9</td>
<td><strong>Industrial Technology Explorations</strong></td>
<td>English 9</td>
<td>Algebra</td>
<td>Earth Science</td>
<td>Elective</td>
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<td></td>
<td>Administer Arizona's Instrument for Measuring Standards (AIMS) 10th Grade.</td>
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<td>10</td>
<td><strong>Welding I/Skills USA</strong></td>
<td>English 10</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History Geography</td>
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**Year 1**  
**1st Semester**  
WLD-102 Basic Welding Fabrication (3)  
ENG-101 College Comp I (3)  
MAT-187 Pre-Calculus (5)  
PHY 111 College Physics I (4)  
HIS-131 or 132 (3)  
AUT, CRP, DFT, ELT, CTM, WLD Elective (3)

**Year 1**  
**2nd Semester**  
WLD-106 Intermediate Welding (3)  
ENG-102 College Comp II (3)  
PHY 112 College Physics II (4)  
Arts / Humanities (3)  
AUT, CRP, DFT, ELT, CTM, WLD Elective (6)

**Year 2**  
**1st Semester**  
CTM-115 Intro to Woodworking (3)

**Year 2**  
**2nd Semester**  
AUT, CRP, DFT, ELT, CTM, WLD Elective (3)  
POS-220 Arizona National Constitution (3)

### Required Courses

### Recommended Elective Courses

*Students who wish to earn additional dual enrollment credit toward this degree may enroll in Woods II (CTM 115), CAD (DFT 155), Autos II (AUT 100) or Autos III (AUT 106).*

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

**Postsecondary:**  
**Date:**