## 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

### Courses and Programs

<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><strong>Industrial Technology Explorations</strong></td>
<td>English 9</td>
<td>Algebra</td>
<td>Earth Science</td>
<td>Elective</td>
<td></td>
<td></td>
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<tr>
<td>10</td>
<td><strong>Welding I/Skills USA</strong></td>
<td>English 10</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History</td>
<td>Geography</td>
<td>World History</td>
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<tr>
<td>11</td>
<td><strong>Welding II/Skills USA</strong></td>
<td>English 11 ENG-101 (3)</td>
<td>Algebra II</td>
<td>Chemistry</td>
<td>AP US History</td>
<td>Autos II AUT-106 (3)</td>
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<tr>
<td>12</td>
<td><strong>Welding III/Skills USA</strong></td>
<td>English 12 ENG-102 (3)</td>
<td>Pre-Calculus MAT-187 Pre-Calculus (5)</td>
<td>Physics PHY-111 College Physics I (4)</td>
<td>Government/Economics</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)
- Arts / Humanities (3)
- Aut, CRP, DFT, ELT, CTM, WLD Elective (3)

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

#### Required Courses

- Career and Technical Education Courses

#### Recommended Elective Courses

- Credit-Based Transition Programs (e.g. Dual, Concurrent or Reverse Enrollment)

*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