## Applied Welding Technology Diploma

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>TOTAL HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWT 1103</td>
<td>Welding Principles</td>
<td>60</td>
</tr>
<tr>
<td>AWT 1113</td>
<td>Oxyacetylene Welding &amp; Cutting</td>
<td>60</td>
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<tr>
<td>AWT 1123</td>
<td>Basic Metallurgy</td>
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<tr>
<td>AWT 1133</td>
<td>Blueprint Reading</td>
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<tr>
<td>AWT 1143</td>
<td>Shielded Metal Arc Welding I</td>
<td>60</td>
</tr>
<tr>
<td>AWT 1153</td>
<td>Shielded Metal Arc Welding II</td>
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</tr>
<tr>
<td>AWT 1163</td>
<td>Shielded Metal Arc Welding III</td>
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<tr>
<td>AWT 1173</td>
<td>Entrepreneurship &amp; Employment Skills</td>
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<tr>
<td>AWT 1203</td>
<td>Advanced SMAW I</td>
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<tr>
<td>AWT 1213</td>
<td>Advanced SMAW II</td>
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<td>AWT 1223</td>
<td>Gas Metal Arc Welding I</td>
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<tr>
<td>AWT 1233</td>
<td>Gas Metal Arc Welding II</td>
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<td>AWT 1243</td>
<td>Gas Tungsten Arc Welding I</td>
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<tr>
<td>AWT 1253</td>
<td>Gas Tungsten Arc Welding II</td>
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<td>AWT 1263</td>
<td>Adv. Gas Tungsten Arc Welding I</td>
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<tr>
<td>AWT 1273</td>
<td>Adv. Gas Tungsten Arc Welding II</td>
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</table>

**TOTAL HOURS 960**

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**TCTC Approvals & Accreditations**

The Oklahoma State Board of Career and Technical Education. Tri County Area Vocational-Technical School was created by the 1966 Legislature and approved by the State Board of Education in 1967.

The United States Office of Education, Vocational Division. Vocational training is offered in accordance with the standards prescribed by the Federal Vocational Smith-Hughes Act and all subsequent acts.

Tri County Technology Center is approved for Veteran’s Education Benefits, Pell Grants, WIA, and BIA programs.

The Vocational Rehabilitation Division of the State Department of Education.

The Commission of Institutions of Higher Education of the North Central Association of Colleges and Schools.
Program Description
The Applied Welding Technology program prepares you for a wide variety of career choices. A welding career can take you all over the world. In Applied Welding Technology, you will receive training on various welding techniques and procedures such as arc welding, oxyacetylene welding, and gas metal and tungsten arc welding. Skills attained include shop organization, blueprint reading, and training for certification in Stick, TIG, and MIG welding. This program is designed to teach you skills necessary to pass Oklahoma state code tests and most major company code tests for TIG and MIG, and stick pipe welding. If you have any interest in designing projects, have good vision and manual dexterity, then Tri County Technology Center’s Welding program is a good career choice.

Career Opportunities
- Welder Helper
- MIG Welder (Code)
- MIG Welder (Non-Code)
- Burner
- General Welder
- TIG Welder (Code)
- TIG Welder (Non-Code)
- Stick Welder

Certifications Available
- Work Keys
- NCCER Certification

Financial Aid is available
Contact Tami Garcia at (918) 331-3263

Student Organization
- SkillsUSA

Helpful Attributes & Abilities
- Suggested grade levels before entering program: Math and Reading - 9.0
- Good problem solving skills
- Good at working with hands
- Teamwork
- Safety oriented
- Good work ethic with positive attitude
- Strong interpersonal & communication skills

Program Length
Applied Welding Technology Diploma (HS or Adult) - 960 hours

Schedule
Monday through Friday classes
Full or half day scheduling available

Who Can Enroll
High School Juniors or Seniors, and Adults

College Credit
Available through:
- Oklahoma State University-IT
- Coffeyville Community College

Approximate Program Cost
| High School to Adult (in district): $990.00 |
| High School to Adult (out of district): $1,278.00 |

* Adult program cost includes: books, uniforms, CTSO fees, graduation fees & limited supplies.

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Aug, 2013