Career Description
Welders work with a variety of metals such as steel, aluminum and stainless steel. They use several welding techniques such as oxy-acetylene, shielded metal arc, gas metal arc (MIG), and gas tungsten arc (TIG). Welding is the joining together of two pieces of metal by heating them to their melting point. The fusion of two pieces of metal may be accomplished with or without the addition of filler rod. Metal is heated either by a flame of combustible gas or by an electric arc

Program Features
This program allows students to gain knowledge and skills in cutting, shielded metal arc welding (SMAW), gas metal arc welding (GMAW) and gas tungsten arc welding (GTAW) and provides some exposure to oxy-acetylene cutting and welding. Program includes classroom and lab instruction in safety; blueprint reading and sketching; tools and materials used in the various forms of welding; machine adjustments and rod selection; skill requirements for various welding positions; weld testing and qualifications; and fabrication and layout of various welding projects.

Admission Requirements
In addition to the college admissions policy, students must:
• Be 16 years of age or older.
• Show documentation of high school graduation or satisfaction of high school equivalency prior to graduating from the program.
• Meet entrance exam requirements.

Start Dates
August 2013     October 2013
January 2014    March 2014
June 2014

Costs
Tuition        $1,430.00
Fees           $428.00
Lab Fees       $709.00
Total          $2,567.00
Success Rate
This chart contains the results of the one-year follow-up study conducted in 2011 of 2010-11 Wichita Area Technical College postsecondary program completers. WATC defines success as those graduates who have found placement in a job, the military or are enrolled in advanced study.

<table>
<thead>
<tr>
<th>Graduates *</th>
<th>Placement for all employed in the military or continuing their education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welding</td>
<td></td>
</tr>
<tr>
<td>9*</td>
<td>88.9%</td>
</tr>
</tbody>
</table>

* Graduates Eligible and Contacted in follow-up study

Wages
BLS Data Source: Bureau of labor Statistics (2010); State of Kansas Mean wages

WATC does not guarantee the below wages, but has matched training programs to job titles and mean wages in Kansas.

<table>
<thead>
<tr>
<th></th>
<th>Annually</th>
<th>Hourly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welding</td>
<td>$35,450</td>
<td>$17.04</td>
</tr>
</tbody>
</table>

* Graduates Eligible and Contacted in follow-up study