Advanced TIG Welding

GENERAL INFORMATION

The welding program at EvCC is designed to meet the expanding needs of the many occupations that utilize welding. The welding department provides a balanced course of study, including hands-on learning experiences, technical information and general education. Emphasis is on welding, torch burning techniques, and fabrication techniques, with opportunities for attaining these skills in a lab setting.

The welding program is competency based and is divided into separate skill blocks. Each skill block is based on a 100 hour period of laboratory time. An average student should be able to complete a skill block within that time. As a student completes a skill block and demonstrates mastery of those skills by passing an exit test for that skill block, they can receive credit for it and move to the next level of training. This permits students to move through the program at their own rate. All welding courses are available as either day or evening classes. Specialty courses of study may be arranged through a welding instructor. Welding labs are limited to twenty (20) participants.

PROGRAM INFORMATION

This 17-credit certificate prepares participants for positions in the area of Advanced Tungsten Inert Gas (TIG) Welding. This program provides participants with the basic knowledge of the safety, setup, and operation of water-cooled TIG systems, purge blocks, and out-of-position welding.

PROGRAM OUTCOMES

♦ Build skills toward industry standards
♦ Build skills toward state and national welding certifications
♦ Work as an effective and dependable team member as well as independently.
♦ Demonstrate safe work habits that reflect concern and care for self, others and the environment.
♦ Develop the skills necessary to secure employment

PROGRAM ADVISORS

Permission of the instructor is required before entering any welding courses. You may contact the advisor listed below.

♦ Dan Minzel, AMT 108, 425-388-9447, dminzel@everettcc.edu
♦ Rob White, AMT 115, 425-388-9453, rowhite@everettcc.edu

GETTING STARTED AT EVCC

Our Enrollment Services Office provides information about application, advising, orientation and registration for new and continuing students. New student advising is available in our Advising Center. Contact:

♦ Enrollment Services, Parks Student Union, 425-388-9219 admissions@everettcc.edu
♦ Advising Center, Rainier Hall, Room 108, 425-388-9339

Certificate: Advanced TIG Welding - 17 Credits

This checklist is targeted at students with an interest in TIG Welding. The program is designed for students with some previous Welding experience. The quarter before expected completion, this checklist should be submitted with a diploma application to the Enrollment Services Office.

Student: ____________________________________________

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
<th>Quarter Completed</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELD 150</td>
<td>Blueprint Reading</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MFG T 100 or MFG T 130</td>
<td>Safety for Manufacturing or OSHA Safety</td>
<td>4</td>
<td></td>
<td></td>
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<tr>
<td>WELD 194</td>
<td>Gas Tungsten Arc Welding</td>
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<tr>
<td>WELD 216</td>
<td>Advanced TIG Welding</td>
<td>3</td>
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TOTAL: 17 credits Minimum 2.0 minimum GPA Required