

WELDING-ADVANCED LEVEL

Certificate of Achievement

The Welding Program offers the academic and practical skills needed for those seeking to advance their current positions, or gain a new and exciting career, or to learn a new hobby. The most common electric arc welding processes used in today's industry are covered, including **GMAW**, GTAW, SMAW, Inner Shield, and Dual Shield. **The proper use of metal working equipment and various fabrication techniques** are included. Students will gain the technical and hands-on knowledge to work with ferrous or non-ferrous metals in various positions and configurations. Students can **achieve** Certificates of Achievement, nationally recognized American Welding Society (AWS) welding certificates and the Associate in Science degree in Welding.

Important: To obtain the Certificate of Achievement in Welding-Advanced Level, students must complete the following requirements with a minimum grade point average (GPA) of 2.0:

- The Welding certificate requirements below.
- All certificate courses must be completed with a C or better.

Requirements for the Certificate

- Complete the following:* ----- 30 units
 - ENGL 1001- College Composition (3)
 - MATH 0980- Intermediate Algebra (4) *or higher*
 - WELD 0957- Power Plant and Field Pipe Welding (3)
 - WELD 1101- Beginning Welding (3)
 - WELD 1102- Advanced Welding (3)
 - WELD 1103- Metal Fabrication (3)
 - WELD 1104- Gas Metal Arc Welding(3)
 - WELD 1105- Gas Tungsten Arc Welding (3)
 - WELD 2101- Weld Qualification (3)
 - WELD 2102- Advanced Welding Applications (2)

- Complete **one** of the following:* ----- 3 units
 - CSCI 1001- Introduction to Computer Science (3)
 - CSCI 1020- Introduction to Computer Applications (3)

Total Units ----- **33**