

College of the Siskiyous

Certificate of Achievement

Welding Advanced Level Certificate

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 MIG, TIG, Stick, Flux Core, and Dual Shield. The proper use of numerous pieces 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.

| Requirements for the certificate | Units |
|---|------------------|
| <i>Complete the following:</i> | |
| _____ WELD 0957 Power Plant and Field Pipe Welding | 3.0 |
| _____ WELD 1101 Beginning Welding | 3.0 |
| _____ WELD 1102 Advanced Welding | 3.0 |
| _____ WELD 1103 Metal Fabrication | 3.0 |
| _____ WELD 1104 Gas Metal Arc Welding | 3.0 |
| _____ WELD 1105 Gas Tungsten Arc Welding | 3.0 |
| _____ WELD 2101 Welding Qualification | 3.0 |
| _____ WELD 2102 Advanced Welding Applications | 2.0 |
| <i>Complete one of the following:</i> | |
| _____ BA 1004 Business Communications | 3.0 |
| _____ ENGL 1001 College Composition | 3.0 |
| <i>Complete one of the following:</i> | |
| _____ BA 0959 Business and Practical Math | 3.0 |
| _____ Any one MATH course approved for COSGE Area B | 3.0-5.0 |
| <i>Complete one of the following:</i> | |
| _____ CSCI 1001 Introduction to Computer Science | 3.0 |
| _____ CSCI 1020 Introduction to Computer Applications | 3.0 |
| Total units: | 32.0-34.0 |

All courses must be completed with a C grade or better.