



## WELDING TECHNOLOGY CERTIFICATE      2014-2015

The Welding Technology Program is designed to prepare students for positions in a variety of trades or service industries requiring technically trained and/or certified welders. The program is designed to prepare students for the opportunity to become certified welders under the standards set by the American Welding Society. Students can receive their certification by the American Welding Society in a variety of processes as part of the instructional program.

### **REQUIREMENTS FOR ONE-YEAR/FAST TRACK CERTIFICATE:**

#### **Recommended Course Sequence:**

| <u>First Semester    (Fall):</u>                          | <u># of Units</u> |
|---|-------------------|
| WELD        70    Beginning Welding (F/S)                 | 3                 |
| WELD        170   Introduction to ARC Welding (F/S)       | 3                 |
| WELD        174   Structural Steel MIG Welding (F/S)      | 3                 |
| WELD        182   Advanced ARC Welding (F/S)              | 1.5               |
| WELD        184   Advanced GTAW (TIG) Welding (F/S)       | 1.5               |
| WELD        188   Advanced GMAW (MIG) Welding (F/S)       | 1.5               |
| <br>  |                   |
| <u>Second Semester    (Spring):</u>                       |                   |
| WELD        171   Intermediate ARC Welding(F/S)           | 3                 |
| WELD        73    Structural Steel Metal Fabrication(F/S) | 3                 |
| WELD        175   TIG Welding(F/S)                        | 3                 |
| WELD        178   Pipe Welding Fundamentals(F/S)          | 3                 |
| WELD        186   Advanced Pipe Welding(F/S)              | 2                 |

## TOTAL UNITS FOR CERTIFICATE      29.5 Units

**Business, Agriculture, Industry, Technology & Safety      (530) 242-7560**

Shasta College  
 11555 Old Oregon Trail  
 Redding, CA 96003  
[www.shastacollege.edu](http://www.shastacollege.edu)

“F” (Fall) and “S” (Spring) indicates which semester a course is usually offered.  
 “I” indicates course may not be offered every year. **Subject to change.**