



# Fresno City College

Welding Technology  
AUTOMATED WELDING SYSTEMS  
2024-2025

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

Counselor Contact: \_\_\_\_\_

**Major Requirements: 16 units**

**A grade of "C" or better is required in the following courses**

\_\_\_\_\_

| CERTIFICATE OF ACHIEVEMENT<br>(F.8377.CA)            | C-ID      | Units | Completed | In Progress | Planned |
|--|-----------|-------|-----------|-------------|---------|
| WELD 3A, Welding Design and Fabrication              | WELD 114X | 5     |           |             |         |
| WELD 3B, Intermediate Welding Design and Fabrication | WELD 114X | 5     |           |             |         |
| WELD 5A, Automated Welding                           |           | 3     |           |             |         |
| WELD 5B, Advanced Automated Welding and Cutting      |           | 3     |           |             |         |

**Notes:**

1. Introduction into the setup, programming, troubleshooting and operation of welding automation using six axis welding robots.
2. The *Certificate of Achievement* requires completion of the major (16 units) with a "C" or better grade in each course.