



# Fresno City College

COMPUTER AIDED  
MANUFACTURING  
2021-2022

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

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

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

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

**Major Requirements: 19 units**

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

| CERTIFICATE OF ACHIEVEMENT<br>(F.8271.CA)         | C-ID | Units | Completed | In Progress | Planned |
|---|------|-------|-----------|-------------|---------|
| CAM 5, CNC operations & Maintenance for Machinist |      | 2.5   |           |             |         |
| CAM 10, CNC Mill Programming & Operation I        |      | 4     |           |             |         |
| CAM 15, Computer Aided Machining for CAD Users    |      | 2.5   |           |             |         |
| CAM 20, CNC Mill Programming & Operation II       |      | 4     |           |             |         |
| CAM 26, Lathe Operation and Programming II        |      | 3     |           |             |         |
| CAM 31, Multi-Axis Milling & Programming          |      | 3     |           |             |         |

**NOTES:**

1. The CAM Certificate of Achievement Program is designed for students who have a strong interest in becoming a CAD/CAM/CNC Machinist & Operator. Core courses ensure students a knowledgeable foundation in 3D part designing with Mastercam and Fusion 360 CAD/CAM software for the purpose of Tool Programming. The Required Courses are intended to start a career as a highly skilled CNC Setup person, a CNC Operator, and a CNC Programmer.
2. Some of the above courses may have prerequisites. See the catalog or schedule of classes.
3. The *Certificate of Achievement* requires completion of the major (19 units) with a "C" or better grade in each course.