

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2025-2026



## CERTIFICATE OF PROFICIENCY PLAN MACHINING TECHNOLOGY

Degree Code: 1492; CIP Code: 48.0510

A Certificate of Proficiency may be awarded to students who have demonstrated mastery of skills and knowledge against specified performance standards in a specific area or discipline.

**To earn a Certificate of Proficiency in Machining Technology,  
students must complete the courses below  
with a grade of "C" or better.**

**ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR  
ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE.**

The program of study can be a stand-alone program or part of a technical certificate or associate degree curriculum and is designed to enhance a person's skill set to make him/her more productive and marketable.

### Student Learning Outcomes for CP Machining Technology Program

1. Identify the different types of metal between Steel, Aluminum, Copper, Brass and Stainless Steel.
2. Demonstrate proficiency with precision measurement tools.
3. Exhibit ability to select, maintain, and utilize manual machining equipment.

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

Date: \_\_\_\_\_  
Student ID# \_\_\_\_\_

| <u>COURSE CODE</u>                         | <u>COURSE NAME</u>                                       | <u>CREDIT<br/>HOURS</u> | <u>HOURS<br/>COMPLETED</u> |
|--------------------------------------------|----------------------------------------------------------|-------------------------|----------------------------|
| <b>Machining Content (14 credit hours)</b> |                                                          |                         |                            |
| MACH 1002                                  | Metallurgy<br>(must earn a "C" or better)                | 2                       | _____                      |
| MACH 1004                                  | Introduction to Machining<br>(must earn a "C" or better) | 4                       | _____                      |
| MACH 2004                                  | Machining I<br>(must earn a "C" or better)               | 4                       | _____                      |
| MACH 2014                                  | Machining II<br>(must earn a "C" or better)              | 4                       | _____                      |

**Program Total 14 Hours**