

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.

2026-2027



**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.

Program Learning Outcomes for CP Machining Technology Program

1. Demonstrate ability to read and understand basic engineering drawings.
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 HOURS</u>	<u>HOURS COMPLETED</u>
Machining Content (14 credit hours)			
MSTE 10002	Metallurgy (must earn a "C" or better)	2	_____
MSTE 10053	Introduction to Machining (must earn a "C" or better)	4	_____
MSTE 12074	Machining I (must earn a "C" or better)	4	_____
MSTE 13074	Machining II (must earn a "C" or better)	4	_____

Program Total 14 Hours