INDUSTRIAL PROCESS AND MAINTENANCE THEORY, SC

Program Description

The Skills Certificate, Industrial Process and Maintenance Theory is aimed at providing students with the theoretical knowledge necessary for entry in various roles in the field of manufacturing and automation. It will cover a broad range of industry relevant concepts, terms and theories.

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

Recommended Course Schedule

1st semester		Units
MPT 111	Fundamentals of Manufacturing and Automation I	3
MPT 112	Fundamentals of Manufacturing and Automation II	3
MPT 114	Fundamentals of Manufacturing and Automation III	3
	Semester Total	9
	Total Units	9

Program Requirements

Skills Certificates can consist of a single course or a short set of courses that provide training for entry-level positions or career advancement. These short-term certificates may also prepare students to take state, national and/or industry-recognized certifications or licensing exams.

Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester. Students cannot declare a skills certificate as one's major. Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0.
2. Have no financial or library obligation to the college.

Code	Title	Units
CERTIFICATE REQUIREMENTS		
MPT 111	Fundamentals of Manufacturing and Automation I	3
MPT 112	Fundamentals of Manufacturing and Automation II	3
MPT 114	Fundamentals of Manufacturing and Automation III	3
Total Units		9

Program Outcomes

Students completing the certificate will:

PSLO1: Define basic terms and concepts related to manufacturing.

PSLO2: Identify and explain manufacturing metrics and optimization.

PSLO3: Describe the Industrial Internet of Things (IIoT).