INDUSTRIAL MAINTENANCE FOR AUTOMATION, SC

Program Description

The Skills Certificate, Industrial Maintenance for Automation is meant for people beginning to broach the manufacturing industry. It will provide students with necessary competencies regarding the basic operation and servicing of automated production lines and robotics. Students will also learn about standard safety practices in the workplace as well as ones specific to the field of manufacturing.

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 101	Basics of Operations and Maintenance	3
MPT 135	Material Handling	2
ELM 140	Industrial Robotics I	3
OSH 222	General Industry Safety	1
	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 101	Basics of Operations and Maintenance	3
MPT 135	Material Handling	2
ELM 140	Industrial Robotics I	3
OSH 222	General Industry Safety	1
Total Units		**9**

Program Outcomes

Students completing the certificate will:

PSLO1: Demonstrate best practices for material handling, including ones that impact the safety of oneself and others.

PSLO2: Demonstrate basic workplace safety

PSLO3: Demonstrate rudimentary operations involved in robotics

PSLO4: Analyze and service a production line to correct for common faults.