



Manufacturing Equipment Technician Certificate

2018–2019

DESCRIPTION:

Manufacturing Equipment Technicians assist industrial maintenance personnel in the set-up, maintenance, repair, and replacement of a variety of production and production related equipment. They work with electronic, electro-mechanical, and automated devices and perform basic welding operations. They perform their duties following OSHA established safety rules and practices. For more information see csc.edu/academics/departments/engineering-technologies/mechanical-engineering.shtml.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program; students may begin the program in any semester.

ONGOING REQUIREMENTS:

Students must maintain minimum GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Many installers and repairers, known as field technicians, travel to factories (or other locations) to repair equipment or to perform preventive maintenance on a regular basis. Bench technicians work in repair shops located in factories and service centers, fixing components that cannot be repaired on the factory floor.

Transfer:

Students who complete the Manufacturing Equipment Technician Certificate can have these courses apply to the A.A.S. degree in Electro-Mechanical Engineering Technology.

CERTIFICATE REQUIREMENTS (MANUFACTURING EQUIPMENT TECHNICIAN CERTIFICATE):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
EET 1105 Basic DC Electronic Systems	AU/SP/SU	3	
EMEC 1250 Motors & Control Logic	AU/SP/SU	4	
ITST 1101 Industrial Applications & Software	AU/SP/SU	2	
Semester Credits		9	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
ESSH 1700 OSHA 30 Hr General Ind Safety & Health	AU	2	• Certificate is achieved.
MECH 2243 Robotics	SP/SU	2	
SKTR 1180 Welding: Introduction to Stick	AU/SP/SU	2	
Semester Credits		6	
Total		15	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.