

Career Studies Certificate Programs

Industrial Maintenance Technology

Purpose: This purpose is designed to meet the need for trained industrial maintenance technicians. This program is intended for those who wish to work as maintenance employees or those who have just been hired as maintenance employees. It may also assist current employees with upgrading the skills necessary to support and maintain high-technology equipment.

Occupational Objective: Industrial Maintenance Technician, Industrial Process Technician, Engineering Technician

Admission Requirements: In addition to the admission requirements established by the College, all entering students will be required to take placements tests in math, writing, and reading. Students who do not meet required placement levels must enroll in developmental studies courses.

INDUSTRIAL MAINTENANCE TECHNOLOGY CURRICULUM:

Program Requirements		Credits
SAF 126	Principles of Industrial Safety	3
ELE 133	Practical Electricity I	3
ELE 156	Electrical Control Systems	3
ELE 233	Programmable Logic Controller Systems I	3
MAC 131	Machine Lab I	3
MAC 132	Machine Lab II	3
MEC 161	Basic Fluid Mechanics-Hydraulics/Pneumatics	3
MEC 165	Applied Hydraulics, Pneumatics and Hydrostatics	3
Total Minimum Credits		24

SUGGESTED SCHEDULING:

Fall		Spring	
SAF 126	3	ELE 156	3
ELE 133	3	MAC 132	3
MAC 131	3	MEC 165	3
MEC 161	3	ELE 233	3
Total Credits	12	Total Credits	12