

INDUSTRIAL MAINTENANCE TECHNOLOGY

Industrial Maintenance addresses the need of the multi-crafted maintenance technician covering a variety of technical skills areas including Programmable Logic Controllers (PLC), instrumentation and controls, electronics and digital devices, welding fundamentals, AC/DC fundamentals, and HVAC principles. Stackable Certificates of Proficiencies lead to the Associate of Applied Science degree. Certificates of Proficiency provides students with both the skills needed in each particular area of industrial maintenance and the soft skills needed to acquire a job, maintain a job, and work safely in an industrial setting. Introduction to blueprint reading, OSHA, and technical mathematics are also covered in the coursework for each of these certificates.

BE SURE TO CHECK THE COLLEGE CATALOG FOR PREREQUISITES BEFORE ENROLLING IN A CLASS

1st Year - 1st Semester

			Semester	Grade	HRS	Comments
ENGL	1213	Writing for the Workplace	_____	_____	3	_____
MATH	1233	Technical Math	_____	_____	3	_____
ELEC	1004	Principles of Technology	_____	_____	4	_____
ELEC	1014	AC/DC Fundamentals	_____	_____	4	_____
*READ	1213	Developmental Reading	_____	_____	1	_____

1st Year - 2nd Semester

ELEC	1034	Industrial Motor Controls	_____	_____	4	_____
MECH	1054	Electro-Mechanical Devices	_____	_____	4	_____
MECH	1044	Fluid Power (Hydraulics/Pneumatics)	_____	_____	4	_____
ELEC	1024	Electronics & Digital Devices	_____	_____	4	_____

1st Year- Summer

ELEC	2004	Programmable Logic Controllers I	_____	_____	4	_____
					34	

2nd Year - 1st Semester

ELEC	1003	Instrumentation & Controls	_____	_____	3	_____
ELEC	2014	Wiring Principles & Codes	_____	_____	4	_____
ELEC	2024	Commercial & Industrial Wiring	_____	_____	4	_____
ELEC	2104	Programmable Logic Controllers II	_____	_____	4	_____

2nd Year - 2nd Semester

ELEC	2034	Troubleshooting Electro-Mechanical Systems	_____	_____	4	_____
MECH	1813	Blueprint Reading & Measurement	_____	_____	3	_____
WELD	1713	Maintenance Welding	_____	_____	3	_____
_____	_____	Behavioral/Social Science Elective	_____	_____	3	_____
					28	

Completion Award: Associate of Applied Science Degree **62**

***If a student's test score is below the threshold for Reading, this class will need to be completed.**