INDUSTRIAL MAINTENANCE TECHNOLOGY

INDUSTRIAL MOTOR CONTROLS – CERTIFICATE OF PROFICIENCY

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.

The Certificate of Proficiency in Industrial Motor Controls is designed to provide the fundamentals of DC motors, single phase AC motors, and three-phase AC motors. The program will also address control devices such as motor starters, contactors, relays solenoids, sensors, timers and switches. Included are maintenance, installation, wiring diagrams, and troubleshooting.

2020

Certificate of Proficiency- Industrial Motor Controls

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

1st Year - 1st Semester	**Semester**	**Grade**	**HRS**	**Comments**
ENGL 1213 Communicating in the Workplace			3	
MATH 1233 Technical Math			3	
ELEC 1004 Principles of Technology			4	
ELEC 1014 AC/DC Fundamentals			4	
ELEC 1034 Industrial Motor Controls			4	
			18	

Certificate of Proficiency- Industrial Motor Controls