INDUSTRIAL MAINTENANCE TECHNOLOGY
MECHANICAL DEVICES – 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 Mechanical Devices is designed to provide an overview of the principles and concepts of installation, preventative maintenance, and repair of Electro-Mechanical systems found in industrial operation and introduce students to the components, the analysis and design methods, and the underlying principles that make up the framework for creating and implementing electronic and digital circuits for almost any conceivable task.

Certificate of Proficiency- Mechanical Devices

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 1024 Electronics and Digital Devices			4	
MECH 1054 Electro-Mechanical Devices Systems			4	
			22	

Certificate of Proficiency- Mechanical Devices