INDUSTRIAL MAINTENANCE TECHNOLOGY
HYDRAULICS/PNEUMATICS – 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 Hydraulics/Pneumatics is designed to provide a study of basic fluid power systems common to the field of industrial automation including basic principles of fluid power, components, standards, symbols, circuits and troubleshooting of hydraulic and pneumatic systems.

Certificate of Proficiency- Hydraulic/Pneumatics

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	
MECH 1044 Fluid Power (Hydraulics/Pneumatics)			4	
			14	

Certificate of Proficiency- Hydraulic/Pneumatics