



Technical Certificate Advanced Manufacturing (33ch) Industrial Maintenance Pathway

Program Description:

The mission of the Industrial Maintenance program is to provide students with skills necessary to secure employment as effective machine operators and/or entry level maintenance technician in the industrial environment of their choosing.

Year 1					
First Semester			Second Semester		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
ADVM1123	Materials Measurements and Safety	3	ENG1203	Workplace Essentials	3
MATH1013	Mathematical Applications	3	MIS1443	Technical Computer Applications	3
TECH1023	Industrial Mechanical Maintenance	3	TECH1073	Mechatronics	3
TECH1043	Principles of Industrial Hydraulics	3	TECH1083	Motor Controls and PLC's	3
TECH1053	Basic Electrical Schematics and Motor Controls	3	WELD1503	Maintenance Welding	3
				Technical Elective	3
Total Hours		15	Total Hours		18