

Industrial Maintenance

Associate in Applied Science Degree

The diversified training required for persons employed in the plant maintenance positions is provided in this program. Student need and training will be considered in determining the schedules of courses for the two-year degree program. This is an occupational program typically not designed to transfer; however, this program has been articulated to some senior institutions. Please contact a counselor for specific details.

First time degree seeking students must complete INST101, Success in College, as a requirement for graduation.

REQUIRED COURSES	HOURS	F,S,I,SU	GRADE
First Semester			
* WELD 180 Arc Welding	4		
MFRG 105 Introduction to Maintenance	3		
ELEC 160 Intro to Electricity/Electronics	5		
MATT 133 Technical Mathematics I	4		
Total	16		
Second Semester			
* WELD 280 MIG Welding	4		
MFRG 110 Maintenance Tools and Procedures	3		
MFRG 230 Electrical Diagnosis and Repair	4		
MFRG 168 CNC Setup & Operations	4		
ENGL 121 Communication Skills	3		
Total	18		
Third Semester			
* WELD 270 TIG Welding	4		
MFRG 220 Mechanical Diagnosis and Repair	4		
MFRG 169 Intro. to CNC Programming	4		
ENGL 122 Technical Communications	3		
INFO 245 Employment Seminar	1		
Total	16		
Fourth Semester			
ELEC 250 Pneumatics & Controls	4		
ELEC 269 Programmable Controllers	3		
Humanities Elective	3		
Social Science Elective	3		
MFRG 231 Hydraulic Diagnosis and Repair	4		
Total	17		

Total Hours 67

* General Education.

See list of Human Relations requirements.

NOTE: Pre-Tech Math (MATT 132) is available for students needing preparation for MATT 133.

Enrollment in developmental classes may increase the length of time it takes to complete an associate degree.