



CERTIFICATE
INDUSTRIAL MAINTENANCE^{TP} (714)

About Our Program

The Industrial Maintenance Certificate Program is intended to meet the increasingly sophisticated maintenance needs of institutions, businesses, and industries. As systems become more computerized and complex, new maintenance skills are needed to keep them performing at peak performance. With a broad based approach, touching on a cross-section of technical skills, the Industrial Maintenance Certificate Program provides entry level skills for these emerging industry needs. It can also provide significant retraining skills for individuals who have a technical background but want additional employment opportunities.

Opportunities For Employment

With the successful completion of the Industrial Maintenance Certificate Program, you should be prepared for a wide variety of entry level maintenance positions in health care institutions, schools, businesses, mining, and manufacturing industries.

Special Considerations

Individuals who have taken courses at vocational schools or other work related training programs may be able to obtain articulation credit for these courses. In addition to technical subjects, you will also take courses in general education as part of your program.

Program Contacts

Mr. Tommy Clements, Dean
 Faculty Contact: Dr. Wendell Fowler
 Location: Armory

Lec *Lab* *Crse*
Hrs. *Hrs.* *Cr.*

First Semester

DRF 160	Machine Blueprint Reading	3	0	3
ELE 150	AC/DC Circuit Fundamentals			
or ETR 113	AC/DC Fundamentals	3	2	4
IND 108	Technical Computer Applications	3	0	3
MEC 155	Mechanisms	1	2	2
MTH 105	Survey of Tech Math I	2	0	2
SAF 126	Principles of Industrial Safety	3	0	3
SDV 100	College Success Skills	1	0	1
	Total			18

Second Semester

AIR 154	Heating Systems	2	3	3
ENG 100	Basic Occupational Communication	3	0	3
ELE 156	Electrical Control Systems I	2	2	3
IND 137	Team Concepts & Problem Solving	3	0	3
MEC 266	Applications in Fluid Mechanics	3	0	3
WEL 198	Seminar & Project	2	3	3
	Total			18

Summer Semester

ELE 239	Programmable Controllers	3	0	3
IND 126	Maintenance Scheduling and Planning	2	0	2
	Social Science Elective	3	0	3
	Total			8

44 credits required to graduate

^{TP}This program is part of the Tech Prep Initiative; please see your advisor for additional information.