Lake Land College

Industrial Maintenance

(CRT.INDMT) Certificate

Manufacturing

You might also like:

Workforce Ready

- Advanced Automation & Control Technology – page 21
- CNC Operator – page 41
- CNC Programmer – page 42
- Computer-Aided Design – page 48
- Computer-Aided Drafting – page 49
- Computer Integrated Manufacturing Technology – page 45
- Electronic Control Technology – page 64
- Electronic Systems Specialist – page 66
- Industrial Maintenance – page 79
- Instrumentation & Control Technology – page 80
- Mechanical-Electrical Technology – page 100
- Programmable Logic Controllers – page 118
- Renewable Energy – page 121
- Renewable Energy Management – page 123
- Sustainable Energy – page 125
- Welding Technology – page 129

This program prepares students for entry level into the field of industrial maintenance. Emphasis is placed on such areas as machine shop, plumbing and electricity, as well as concentration of mechanically oriented course work. Nationwide, the industry needs skilled maintenance mechanics. For a person with training in industrial maintenance, a variety of jobs are available in many locations.

Program requirements may change over time. Specific degree/graduation requirements are determined by the students' degree audit.

FIRST YEAR

First Semester		Hours
☐ MTT 050	Introduction to Machining Procedures	3
☐ TEC 040	Blueprint Reading for Industry †	2.5
☐ MET 042	A.C. Circuits (Module 2) † 1	2.5
☐ MET 040	D.C. Circuits	2.5
☐ IND 044	Fluid Power	3
☐ TEC 048	Applied Shop Computation	3
☐ TEC 043	Industrial Safety	1
	SEMESTER TOTALS	**17.5**

Second Semester		Hours
☐ MET 043	Motors and Generators (Module 3) †† 2	2.5
☐ IND 043	Heating, Ventilation and Air Conditioning †† 2	4
☐ IND 054	Troubleshooting and Preventive Maintenance †† 2	3
☐ WEL 057	Welding Fundamentals	2.5
☐ IND 052	Electrical Installations Procedures (Module 4) †† 2	2.5
☐ SOS 050	Human Relations	2
☐ IND 042	Pipefitting Procedures	1
	SEMESTER TOTALS	**17.5**
	TOTAL PROGRAM HOURS	**35**

† Course only offered fall semester
†† Course only offered spring and summer semester
1 Must complete and pass MET 040
2 Must complete and pass MET 042

For more information regarding related occupations, graduation rates and program costs, go to www.lakelandcollege.edu, link to Academic Programs and select Gainful Employment Information.

Call Counseling Services: 217-234-5232
Email: counsel@lakeland.cc.il.us

Faculty Contact: Kris Kersey
Email: kkersey@lakeland.cc.il.us
Phone: 217-234-5304

NOTES: