

# INDUSTRIAL MAINTENANCE

## (CRT.INDMT) CERTIFICATE

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 a degree audit.

### Gainful employment

For more information regarding related occupations, graduation rates and program costs, visit the [Gainful Employment information provided here](#).

### FIRST YEAR

| First Semester                         | Hours       |
|--|-------------|
| MTT-050 Intro to Machining Procedures  | 3.0         |
| TEC-040 Blueprint Reading/Industry I + | 2.5         |
| MET-042 A.C. Circuits (Module 2) * +   | 2.5         |
| MET-040 D.C. Circuits *                | 2.5         |
| IND-044 Fluid Power                    | 3.0         |
| TEC-048 Applied Shop Computations      | 3.0         |
| TEC-043 Industrial Safety              | 1.0         |
| <b>SEMESTER TOTALS</b>                 | <b>17.5</b> |

### Second Semester

|   |             |
|---|-------------|
| MET-043 Motors and Generators (Module 1) * ++         | 2.5         |
| IND-043 Refrigeration Fundamentals * ++               | 4.0         |
| IND-054 Trouble Shooting & Prev Maint * ++            | 3.0         |
| WEL-057 Welding Fundamentals                          | 2.5         |
| IND-052 Electrical Installation Proc (Module 2) * +++ | 2.5         |
| SOS-050 Human Relations                               | 2.0         |
| IND-042 Pipefitting Procedures                        | 1.0         |
| <b>SEMESTER TOTALS</b>                                | <b>17.5</b> |

**TOTAL PROGRAM HOURS 35.00**

- \* There are prerequisites, course requisites, or minimum placement test scores for this course.
- \*\* Electives must be approved by the Program Coordinator
- + Course only offered fall semester
- ++ Course only offered spring and summer semester
- +++ Course only offered spring semester
- ++++ Course offered in summer term only
- ^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective
- ^^ Consult Academic Advisor for appropriate course
- ^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours
- ^^^^ ECE 120 and ECE 125 must be taken the same semester