



Industrial Maintenance and Electrical Technology eMAP

START HERE: *Industrial Maint. & Elect. Technology Degree*

***In this program, you must successfully complete Degree Core
These should be taken with your Occupational courses.***

***If you need learning support in MATH, ENGLISH, or READING, Those must
be taken first.***

Occupational Courses: *Courses listed in order*

- COMP 1000
- IDSY 1110 Industrial Motor Controls I
- IDSY 1101 DC Circuit Analysis
- IDSY 1105 AC Circuit Analysis
- IDSY 1130 Industrial Wiring
- ELTR 1180 Electrical Controls
- ELTR 1230 Electrical Prints, Schematics, and NEC Applications
- ELTR 1120 Variable Speed/Low Voltage Controls
- ELTR 1250 Diagnostic Troubleshooting
- IDSY 1120 Basic Industrial PLC's
- IDSY 1190 Fluid Power and Piping Systems
- IDSY 1220 Intermediate Industrial PLC's
- WELD 1330 Metal Welding and Cutting Techniques

Degree Core: *Check the college catalog for core options in each area*

- Area I: ENGL 1101 Composition and Rhetoric
- Area II: Social/Behavioral Sciences
- Area III: Natural Sciences/Mathematics – MATH 1111
- Area IV: Humanities/Fine Arts – Pre-Req ENGL 1101 with a C or higher
- PHYS 1110 Conceptual Physics
- PHYS 1110L Conceptual Physics Lab
(Must be taken with PHYS 1110)

**Receive a: *Degree in Industrial Maintenance & Electrical
Technology***

***This eMAP along with meeting regularly with your program advisor and
using DegreeWorks will help you stay on track to finish your program as
quickly as possible and graduate from CTC.***

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