



## Industrial Maintenance and Electrical Technology eMAP

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

***In this program, you must successfully complete Diploma Core MATH 1012, PSYC 1010, ENGL 1010, and COMP 1500***

***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***

- 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 1195 Pumps and Piping Systems
- IDSY 1220 Intermediate Industrial PLC's

**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.**

**These three courses are Degree level and enrollment in them is based on COMPASS test scores. Diploma students with degree level compass scores can use these**

- PSYC 1101
- MATH 1101/ or 1111
- ENGL 1101

**Choose one of the following Program Electives:**

IDSY 2500 Industrial Environment Internship/Practicum  
MCHT 1011 Intro to Machining  
MCHT 1012 Blue Print for Machining  
DFTG 1101 CAD Fundamentals  
ENGT 1000 Intro to Engineering Technology

**Complete Diploma Core, Occupational and Elective**

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

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