

## Industrial Maintenance & Electrical Technology Degree eMap

### Text only eMap

#### Important!

- All online classes require one on campus visit per term
- Set up and activate your Student CTC E-mail account
- Register for Eagle Alert
- CTC Department of Public Safety: (770)-529-2311

**START HERE:** Industrial Maint. & Elect. Technology Degree In this program, you must successfully complete Degree Core

If you need learning support in MATH, ENGLISH, or READING, those must be taken first. These should be taken with your Occupational courses.

#### **Occupational Courses: Courses listed in order**

- COMP 1000 or COMP 1500 or ECET 1191 – choose one
- IDSY 1101 DC Circuit Analysis
- IDSY 1105 AC Circuit Analysis
- IDSY 1110 Industrial Motor Controls I
- IDSY 1130 Industrial Wiring
- ELTR 1120 Variable Speed/Low Voltage Controls
- ELTR 1180 Electrical Controls
- ELTR 1230 Electrical Prints, Schematics, and NEC Applications
- 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
- Elective: Choose One
  - IDSY 2500 Industrial Environment Internship/Practicum
  - MCHT 1011 Introduction to Machine Tool
  - MCHT 1012 Blueprint for Machine Tool
  - DFTG 1101 CAD Fundamentals
  - ENGT 1000 Introduction to Engineering Technology
  - AUMF 1150 Introduction to Robotics
  - UAST 1100 Drone Applications

**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)

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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