

Industrial Maintenance and Electrical Technology Program Map

Student Name: _____

ID #: _____

Start Here: Program of Study

Diploma or Degree Path

1st Set of Suggested Courses

Course	Description	Credits	Completed
IDSY 1101	DC Circuit Analysis		3
IDSY 1105	AC Circuit Analysis		3
CORE AREA CLASS 3	Math 1111		
CORE AREA CLASS	English 1101		3

2nd Set of Suggested Courses

Course	Description	Credits	Completed
IDSY 1110	Motor Controls (Pre-req: IDSY 1101, IDSY 1105, Math 1111)		4
ELTR 1230	Electrical Prints, Schematics, and NEC Applications		4
IDSY 1130	Industrial Wiring		4

Completion Milestone:

- Industrial Electrician TCC

3rd Set of Suggested Courses

Course	Description	Credits	Completed
IDSY 1120	Basic Industrial PLC's (Pre-req: IDSY 1110)	4	
IDSY 1220	Intermediate Industrial PLC's (Pre-req: IDSY 1120)	4	
ELTR 1120	Low Voltage Controls	2	
CORE AREA CLASS	Social Science (e.g., Psychology)	3	

Completion Milestone:

- Programmable Control Technician I TCC
- Electrical Maintenance Technician TCC

4th Set of Suggested Courses

Course	Description	Credits	Completed
IDSY 1190	Fluid Power and Piping Systems	4	
IDSY 1195	Pumps and Piping Systems	3	
ELTR 1250	Diagnostic Troubleshooting (Pre-req: IDSY 1110)	4	
CORE AREA CLASS	Humanities/Fine Arts	3	

Completion Milestone:

Petition for an IDSY Associate of Applied Science Degree

5th Set of Suggested Courses

Course	Description	Credits	Completed
ELTR 1180	Electrical Controls	4	
COMP 1000	Intro to Computer Literacy	3	
Technical Elective 1000)	(Choose one: IDSY 2500, MCHT 1011, MCHT 1012, DFTG 1101, ENGT 1000)		
PHYS 1101	Conceptual Physics	3	
PHYS 1101 Lab	Conceptual Physics Lab	1	

Completion Milestone:

Associate of Applied Science Degree in Electrical & Computer Engineering Technology

Advisor Contact Information

Faculty Advisor (Every Semester):

- Alan Kazemian (North Metro)

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Academic Advisor (First Semester):

- Bridget Barley (Marietta)

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Notes

- Institution: A Unit of the Technical College System of Georgia.

- Equal Opportunity Statement: This institution is an Equal Opportunity Institution.

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