



Industrial Maintenance and Electrical Technology eMap (Degree)

Start Here: Program of Study: Diploma or Degree

1st set of suggested courses

	Credits	Completed
IDSY 1101 – DC Circuit Analysis	3	<input type="checkbox"/>
IDSY 1105 – AC Circuit Analysis	3	<input type="checkbox"/>
CORE AREA CLASS (Math 1111)	3	<input type="checkbox"/>
CORE AREA CLASS (English 1101)	3	<input type="checkbox"/>

2nd set of suggested courses

	Credits	Completed
IDSY 1110 - Motor Controls (Pre-req of IDSY 1101 and IDSY 1105 and Math 1111)	4	<input type="checkbox"/>
ELTR 1230 – Electrical Prints, Schematics, and NEC Applications	4	<input type="checkbox"/>
IDSY 1130 – Industrial Wiring	4	<input type="checkbox"/>
✓ <i>Industrial Electrician TCC</i>		

3rd set of suggested courses

	Credits	Completed
IDSY 1120 – Basic Industrial PLC's (Pre-req of IDSY 1110)	4	<input type="checkbox"/>
IDSY 1220 – Intermediate Industrial PLC's (Pre-req of IDSY 1120)	4	<input type="checkbox"/>
ELTR 1120 – Low Voltage Controls	2	<input type="checkbox"/>

CORE AREA CLASS (Social Science)	3	<input type="checkbox"/>
✓ <i>Programmable Control Technician I TCC</i>		
✓ <i>Electrical Maintenance Technician TCC</i>		

4th set of suggested courses

	Credits	Completed
IDSY 1190 – Fluid Power and Piping Systems	4	<input type="checkbox"/>
IDSY 1195 – Pumps and Piping Systems	3	<input type="checkbox"/>
ELTR 1250 – Diagnostic Troubleshooting (Pre-req of IDSY 1110)	4	<input type="checkbox"/>
CORE AREA CLASS (Humanities/Fine Arts)	3	<input type="checkbox"/>
** <i>Petition for an IDSY Associate of Applied Science Degree</i> **		

5th set of suggested courses

	Credits	Completed
ELTR 1180 – Electrical Controls	4	<input type="checkbox"/>
COMP 1000 – Intro to Computer Literacy	3	<input type="checkbox"/>
Technical Elective	4/3	<input type="checkbox"/>
PHYS 1101 – Conceptual Physics	3	<input type="checkbox"/>
PHYS 1101 – Conceptual Physics Lab	1	<input type="checkbox"/>

✓ *Associate of Applied Science degree in Electrical & Computer Engineering Technology*

*For Technical Elective, Choose one of the following:
IDSY 2500, MCHT 1011, MCHT 1012, DFTG 1101, ENGT 1000



Industrial Maintenance and Electrical Technology eMap (Diploma)

Student Name: _____

ID# _____

Start Here: Program of Study: Diploma or Degree

1st set of suggested courses

	Credits	Completed
IDSY 1101 – DC Circuit Analysis	3	<input type="checkbox"/>
IDSY 1105 – AC Circuit Analysis	3	<input type="checkbox"/>
CORE AREA CLASS (Math 1111)	3	<input type="checkbox"/>
CORE AREA CLASS (English 1101)	3	<input type="checkbox"/>

2nd set of suggested courses

	Credits	Completed
IDSY 1110 - Motor Controls (Pre-req of IDSY 1101 and IDSY 1105 and Math 1111)	4	<input type="checkbox"/>
ELTR 1230 – Electrical Prints, Schematics, and NEC Applications	4	<input type="checkbox"/>
IDSY 1130 – Industrial Wiring	4	<input type="checkbox"/>
✓ <i>Industrial Electrician TCC</i>		

3rd set of suggested courses

	Credits	Completed
IDSY 1120 – Basic Industrial PLC's (Pre-req of IDSY 1110)	4	<input type="checkbox"/>

IDSY 1220 – Intermediate Industrial PLC's (Pre-req of IDSY 1120)	4	<input type="checkbox"/>
ELTR 1120 – Low Voltage Controls	2	<input type="checkbox"/>
CORE AREA CLASS (Psychology)	3	<input type="checkbox"/>
✓ <i>Programmable Control Technician I TCC</i>		
✓ <i>Electrical Maintenance Technician TCC</i>		

4th set of suggested courses

	Credits	Completed
IDSY 1190 – Fluid Power and Piping Systems	4	<input type="checkbox"/>
IDSY 1195 – Pumps and Piping Systems	3	<input type="checkbox"/>
ELTR 1250 – Diagnostic Troubleshooting (Pre-req of IDSY 1110)	4	<input type="checkbox"/>
CORE AREA CLASS (Humanities/Fine Arts)	3	<input type="checkbox"/>
** <i>Petition for an IDSY Associate of Applied Science Degree</i> **		

5th set of suggested courses

	Credits	Completed
ELTR 1180 – Electrical Controls	4	<input type="checkbox"/>
COMP 1000 – Intro to Computer Literacy	3	<input type="checkbox"/>
Technical Elective	4/3	<input type="checkbox"/>



Industrial Maintenance and Electrical Technology eMap (Diploma)

Student Name: _____

ID# _____

✓ *Diploma of Applied Science degree in Electrical & Computer Engineering Technology*

*For Technical Elective, Choose one of the following: