

Electrical Systems Technology - Diploma

Academic Development

if applicable

DRE 096
DRE 097
DRE 098
DMA 010
DMA 020
DMA 030
DMA 040
DMA 050
DMA 060
DMA 070
DMA 080

First semester

Course name	Prerequisite	Credit hours	Contact hours	Semester offered
ENG 111 - Writing & Inquiry	Satisfactory placement scores or DRE 098	3	3	Fall, Spring, Summer
CIS 110 - Introduction to Computers	None	3	4	Fall, Spring, Summer
ELC 112 - DC/AC Electricity	None	5	9	Fall
ELC 113 - Residential Wiring	None	4	8	Fall
ELC 118 - National Electrical Code	None	2	3	Fall
MAT 110 - Math Measurement and Literacy	Satisfactory placement scores or DMA 025	3	4	Fall, Spring, Summer

Second semester

Course name	Prerequisite	Credit hours	Contact hours	Semester offered
ELC 114 - Commercial Wiring	None	4	8	Spring
ELC 117 - Motors & Controls	None	4	8	Spring
ELC 119 - NEC Calculations	None	2	3	Spring
ELC 135 - Electrical Machines I	None	3	4	Spring

Third semester

Course name	Prerequisite	Credit hours	Contact hours	Semester offered
ELC 115 - Industrial Wiring	None	4	8	Summer
ELN 231 - Industrial Controls	None	3	5	Summer

Program contact

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Pathway types

Related Programs

[Electrical Systems Technology - Degree](#)

[Electrical Wiring - Certificate](#)

[Industrial Controls - Certificate](#)

Electives: