ELECTRICAL TECHNOLOGY
INDUSTRIAL ELECTRICIAN DIPLOMA
FOUR SEMESTER PLAN

1ST SEMESTER		CREDIT HRS.
ELT 110	Circuits I	5
ELT 114	Circuits II Lab I	5
EET 154	Electrical Construction I	2
EET 155	Electrical Construction I Lab	2
		14

2nd SEMESTER		CREDIT HRS.
EET 150	Transformers	(2) Elective
EET 151	Transformers Lab	(1) Elective
ETT 110	Voice & Data Installer (Level I)	(4) Elective
ETT 112	Basic Electrical Theory	(3) Elective
ETT 113	Basic Electrical Theory Lab	(1) Elective
*MAT 116	Technical Mathematics	3
MAT 065	*Basic Algebra w/ Measurement*	*(3)*
		14 to 17

(*MAT 065 Requirement will be determined by The student's Assessment / Placement Math Score*)

* *MAT 126 or higher level math may be substituted for MAT 116*

3rd SEMESTER		CREDIT HRS.
CIS 100	Intro to Computers	3
EET 264	Rotating Machinery	2
EET 265	Rotating Machinery Lab	2
EET 270	Electrical Motor Controls I	2
EET 271	Electrical Motor Controls I Lab	2
EET 272	Electrical Motor Controls II	2
EET 273	Electrical Motor Controls II Lab	2
		15

4th SEMESTER		CREDIT HRS.
EET 276	Programmable Logic Controllers	2
EET 277	Programmable Logic Controllers	2
EET 250	National Electrical Code	4
EET 252	Electrical Construction II	2
EET 253	Electrical Construction II Lab	2
ENG 101 (Writing I) or See Gen. Ed. Requirements.		3 Gen. Ed.
		15

Curriculum in the KCTCS system is constantly being reviewed, improved and updated to ensure quality and relevance. Contact Ashland Community & Technical College for the latest curriculum changes