

MIT: Electrical Technology Construction Electrician Track Diploma

Name _____ Empl. ID# _____		Date Entered _____		Date Grad. _____	
GENERAL EDUCATION COURSES		Credit	Res	Tr	Notes
Area 1 = Written Communication, Oral Communications, or Heritage/Humanities		3			
Area 2 = MAT 116 Technical Mathematics OR MAT 126 Technical Algebra & Trigonometry OR Higher Level Quantitative Reasoning Course		3 (3) (3)			
GENERAL EDUCATION SUBTOTAL:		6			
TECHNICAL CORE		Credit	Res	Tr	Notes
EET 119 Basic Electricity OR ELT 110 Circuits I		5 (5)			Prereq: MAT 65 or concurrent enrollment in MAT 65 with KYOTE 12 or COMPASS pre-algebra 42 Recommended first semester
Approved course from Technical Core list		4-5			
EET 250 National Electric Code		4			
EET 268 Rotating Machinery Electrical Motor Controls I AND EET 269 Rotating Machinery and Motor Controls I Lab OR EET 264 Rotating Machinery AND EET 265 Rotating Machinery Lab OR EET 270 Electrical Motor Controls I AND EET 271 Electrical Motor Controls I Lab		3 4 (2) (2) (2) (2)			EET 268 & 269 are ECTC course substitutions Prereq: EET 119 or ELT 110 with grade of C or better or program advisor consent
EET 270 Electrical Motor Controls I AND EET 271 Electrical Motor Controls I Lab		2 2			
CAD 103 CAD Fundamentals OR Digital Literacy		4 (3)			If student passes bypass exam, he/she must take an additional course approved by the program coordinator
EET 127 Electrical Technology Capstone		1			Prereq/Coreq: EET 254/255, EET 250, and EET 268/269
TECHNICAL CORE SUBTOTAL:		25-30			
CONSTRUCTION ELECTRICIAN SPECIALIZATION		Credit	Res	Tr	Notes
EET 254 Electrical Construction AND EET 255 Electrical Construction Lab OR EET 154 Electrical Construction I AND EET 155 Electrical Construction I Lab OR EET 252 Electrical Construction II AND EET 253 Electrical Construction II Lab		3 4 (2) (2) (2) (2)			EET 254 & 255 are ECTC course substitutions
Technical Electives*		10-11			
SPECIALIZATION SUBTOTAL:		12-18			
PROGRAM TOTAL:		48-52			

***Recommended Technical Electives**

This is not all-inclusive. Other courses may be taken with approval of the program instructor/advisor.

ACR 100 Refrigeration Fundamentals AND	3			
ACR 101 Refrigeration Fundamentals Lab	2			
ACR 130 Electrical Components AND	3			
ACR 131 Electrical Components Lab	2			
ACR170 Heat Load Duct Design	3			
ACR 250 Cooling and Dehumidification AND	3			
ACR 251 Cooling and Dehumidification Lab	2			
ACR 260 Heating and Humidification AND	3			
ACR 261 Heating and Humidification Lab	2			
BRX 220 Blueprint Reading for Construction	3			
CAR 126 Intro to Construction AND	3			
CAR 127 Intro to Construction Lab	1			
CAR 140 Surveying and Foundations AND	3			
CAR 141 Surveying and Foundations Lab	2			
CAR 150 Concrete Forms AND	3			
CAR 151 Concrete Forms Lab	2			
PLB 150 Plumbing, Introduction to the Trade AND	3			
PLB 151 Basic Plumbing Skills	3			
PLB 260 Service	2			
PLB 261 Advanced Plumbing Lab	2			

Students enrolled in the Electrical Technology program are required to achieve a minimum grade of “C” in the technical core and in those courses selected as technical electives.

For a list of KCTC general education classes in each category, go to [http:// https://kctcs.edu/media/student/2017-18-catalog/KCTCS%202017-18%20Catalog_for%20printer.pdf](http://https://kctcs.edu/media/student/2017-18-catalog/KCTCS%202017-18%20Catalog_for%20printer.pdf) > Academic Services section> pp. 72-76.
 Or www.kctcs.edu> degrees training> catalog> Academic Services section> pp. 72-76.

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