

MANUFACTURING INDUSTRIAL TECHNOLOGY: ELECTRICAL TECHNOLOGY

Electrical Construction

Certificate

Academic Plan Code

4603023029

Contact Information: Brad Newborn				
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Student Name		Student ID#		
	Course	Hours	Grade	Semester
TECHNICAL CORE				
ELT 110 Circuits I OR		5		
EET 119 Basic Electricity		(5)		
EET 150 Transformers		2		
EET 151 Transformers Lab		1		
EET 154 Electrical Construction I AND		2		
EET 155 Electrical Construction I Lab AND		2		
EET 252 Electrical Construction II AND		2		
EET 253 Electrical Construction II Lab OR		2		
EET 254 Electrical Construction AND		(3)		
EET 255 Electrical Construction Lab		(4)		
EET 250 National Electric Code		4		
EET 264 Rotating Machinery AND		2		
EET 265 Rotating Machinery Lab AND		2		
EET 270 Electrical Motor Controls I AND		2		
EET 271 Electrical Motor Controls I Lab OR		2		
EET 268 Rotating Machinery Electrical Motor Controls I AND		(3)		
EET 269 Rotating Machinery Electrical Motor Controls I Lab		(4)		
Technical Electives*		5		
Total Credits		31-33		
*Technical Electives: See program instructor/coordinator for approved electives.				
			Revised Date:	9/26/2016

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KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

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First Semester		
Course No.	Course Title	Credit Hours
ELT 110	Circuits I OR	5
ELT 119	Basic Electricity	(5)
	Technical Electives*	5
	Subtotal	10
Second Semester		
Course No.	Course Title	Credit Hours
EET 254	Electrical Construction	3
EET 255	Electrical Construction Lab	4
EET 150	Transformers AND	2
EET 151	Transformers Lab AND	1
EET 264	Rotating Machinery AND	2
EET 265	Rotating Machinery Lab	2
	Subtotal	14
Third Semester		
Course No.	Course Title	Credit Hours
EET 250	National Electric Code	4
EET 270	Electrical Motor Controls I AND	2
EET 271	Electrical Motor Controls I Lab	2
	Subtotal	8
	Grand Total	32
*Technical Electives: See program instructor/coordinator for approved electives.		
Program Coordinator Notes: Students enrolled in the Eletrical Technology program are required to achieve a minimum grade of "C" in the technical core and in those courses selected as technical electives. It is the ultimate responsibility of the student to stay current with the curriculum requirements.		