

## MANUFACTURING INDUSTRIAL TECHNOLOGY: ELECTRICAL TECHNOLOGY

## Electrical Motor Control Level II

## Certificate

Academic Plan Code

4603023089

<b>Contact Information:</b> Brad Newborn				
<a href="mailto:bnewborn0001@kctcs.edu">bnewborn0001@kctcs.edu</a>		(270)534-3400		
Student Name		Student ID#		
	Course	Hours	Grade	Semester
<b>TECHNICAL CORE</b>				
ELT 110 Circuits I OR		5		
EET 119 Basic Electricity		(5)		
EET 150 Transformers AND		2		
EET 151 Transformers Lab AND		1		
EET 264 Rotating Machinery* AND		2		
EET 265 Rotating Machinery Lab* OR		2		
EET 266 Rotating Machinery and Transformers AND		(3)		
EET 267 Rotating Machinery and Transformers Lab		(3)		
EET 250 National Electrical Code		4		
EET 270 Electrical Motor Controls I AND		2		
EET 271 Electrical Motor Controls I Lab OR		2		
EET 264 Rotating Machinery* AND		(2)		
EET 265 Rotating Machinery Lab* OR		(2)		
EET 268 Rotating Machinery Electrical Motor Controls I AND		(3)		
EET 269 Rotating Machinery Electrical Motor Controls I Lab		(4)		
EET 272 Electrical Motor Controls II AND		2		
EET 273 Electrical Motor Controls II Lab AND		2		
EET 276 Programmable Logic Controllers AND		2		
EET 277 Programmable Logic Controllers Lab OR		2		
EET 278 Electrical Motor Controls II and PLCs AND		(3)		
EET 279 Electrical Motor Controls II and PLCs Lab		(4)		
Digital Literacy Course		3		
If any student successfully tests out of Digital Literacy, he/she must take an additional Technical Course approved by the Electrical Program Coordinator.		(3)		
<b>Total Credits</b>		<b>34</b>		
*May be offered in different combinations.				
		Revised Date:	9/29/2016	

WKCTC is an equal opportunity employer and educational institution.

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

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<b>First Semester</b>		
<b>Course No.</b>	<b>Course Title</b>	<b>Credit Hours</b>
ELT 110	Circuits I OR	5
ELT 119	Basic Electricity	(5)
	Digital Literacy Course	3
	If any student successfully tests out of Digital Literacy, he/she must take an additional Technical Course approved by the Electrical Program Coordinator.	(3)
	Subtotal	8
<b>Second Semester</b>		
<b>Course No.</b>	<b>Course Title</b>	<b>Credit Hours</b>
EET 250	National Electric Code	4
EET 266	Rotating Machinery and Transformers AND	3
EET 267	Rotating Machinery and Transformers Lab	3
	Subtotal	10
<b>Third Semester</b>		
<b>Course No.</b>	<b>Course Title</b>	<b>Credit Hours</b>
EET 270	Electrical Motor Controls I AND	2
EET 271	Electrical Motor Controls I Lab AND	2
EET 264	Rotating Machinery*AND	2
EET265	Rotating Machinery Lab*	2
EET 272	Electrical Motor Controls II AND	2
EET 273	Electrical Motor Controls II Lab	2
	Subtotal	12
<b>Fourth Semester</b>		
<b>Course No.</b>	<b>Course Title</b>	<b>Credit Hours</b>
EET 276	Programmable Logic Controllers	2
EET 277	Programmable Logic Controllers Lab	2
	Subtotal	4
	Grand Total	34
*May be offered in different combinations.		
Program Coordinator Notes: 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. It is the ultimate responsibility of the student to stay current with the curriculum requirements.		