



# Diploma Electrical Technology (460302403)

## Motor Controls Electrician Track

Program Coordinator: Paul Turner

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Phone: (859)246-6717

Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/electrical-technology.aspx>

Student Name:

Student ID:

*Students need to be at KCTCS placement levels for all courses*

| First Semester                     | Credits   | Term | Grade | Prereqs/Notes |
|------------------------------------|-----------|------|-------|---------------|
| ELT110 Circuits I                  | 5         |      |       |               |
| ELT114 Circuits II                 | 5         |      |       |               |
| MAT126 Technical Algebra and Trig. | 3         |      |       |               |
| EET250 National Electric Code      | 4         |      |       |               |
| <b>Total Semester Credit Hours</b> | <b>17</b> |      |       |               |

| Second Semester                      | Credits   | Term | Grade | Prereqs/Notes |
|--------------------------------------|-----------|------|-------|---------------|
| EET264 Rotating Machinery <b>and</b> | 2         |      |       |               |
| EET265 Rotating Machinery Lab        | 2         |      |       |               |
| EET270 Motor Controls I <b>and</b>   | 2         |      |       |               |
| EET271 Motor Controls I Lab          | 2         |      |       |               |
| *General Education Class             | 3         |      |       |               |
| FPX100/101 Fluid Power and Lab       | 5         |      |       |               |
| <b>Total Semester Credit Hours</b>   | <b>16</b> |      |       |               |

| Third Semester                                   | Credits   | Term | Grade | Prereqs/Notes |
|--|-----------|------|-------|---------------|
| EET272 Motor Controls II                         | 2         |      |       |               |
| EET273 Motor Controls II Lab                     | 2         |      |       |               |
| EET276 Programmable Logic Controllers <b>and</b> | 2         |      |       |               |
| EET277 Programmable Logic Controllers Lab        | 2         |      |       |               |
| **Technical Elective                             | 4         |      |       |               |
| <b>Total Semester Credit Hours</b>               | <b>12</b> |      |       |               |

| Fourth Semester                             | Credits   | Term | Grade | Prereqs/Notes                             |
|---|-----------|------|-------|---|
| EET127 Electrical Capstone                  | 1         |      |       | This is an on-line class                  |
| **Technical Elective                        | 3         |      |       |   |
| CIT105 Computer Fundamentals (Digital Lit.) | 3         |      |       | If Digital literacy not completed earlier |
| <b>Total Semester Credit Hours</b>          | <b>7</b>  |      |       |   |
| <b>Total Credential Hours</b>               | <b>52</b> |      |       |   |

*Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.*

Advisor Name:

Advisor Signature: \_\_\_\_\_

Student Name:

Student Signature: \_\_\_\_\_

**Special Instructions:**

\*The General Education classes should be taken throughout the four semesters and not piled up into one or two semesters.

Chose one: Written Communication, Oral Communications, OR Humanities/Heritage

\*\*The Technical electives should be taken throughout the four semesters and not left to the end due to availability.

**Summer semester attendance Is HIGHLY recommended** for taking General Education Classes and Technical elective classes to ease loading and scheduling during Fall and Spring Semesters.