**Diploma Electrical Technology (460302403)**

**Motor Controls Electrician Track**

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**Program Coordinator: Paul Turner E-mail:** [**paul.turner@kctcs.edu**](mailto:paul.turner@kctcs.edu) **Phone: (859)246-6717**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/electrical-technology.aspx**](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***

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| **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 |  |  |  |
| **Total Semester Credit Hours** | **17** |  |  |  |

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

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

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| **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 |
| **Total Semester Credit Hours** | **7** |  |  |  |
| **Total Credential Hours** | **52** |  |  |  |

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

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **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. |