[Engineering and Electronics Technology – Industrial Electronics Technician I](https://bluegrass.kctcs.edu/education-training/program-finder/engineering-electronics-technology.aspx)

Certificate

Coordinator: John Jors (john.jors@kctcs.edu) 859-246-6718

Student Name: Student ID:

*Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

Semester 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| ELT 110 Circuits I | 5 |  |  |  |  |
| ELT 114 Circuits II | 5 |  |  | ELT 110 |  |
| Total Semester Credit Hours | 10 |  |  |  |  |

Semester 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| EET 270 Motor Controls I AND  EET 271 Motor Controls I Lab | 4 |  |  | ELT 110 | See Additional Information |
| Total Semester Credit Hours | 4 |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| EET 276 Programmable Logic Cont. AND  EET 276 Programmable Logic Cont. Lab | 4 |  |  | EET 270 & 271 |  |
| ELT 120 Digital I | 3 |  |  |  | Online Only |
| Total Semester Credit Hours | 7 |  |  |  |  |
| Total Certificate Credit Hours | 17 – 21 |  |  |  |  |

**Graduation Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Cumulative GPA must be 2.0 or higher.

Advisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Information**

* Students must complete MAT 065 or demonstrate an equivalent placement level before enrolling in an ELT class.
* Students must earn a grade of C or better in all technical courses and a cumulative 2.0 GPA to continue in the Engineering and Electronics Technology program.
* EET 270 and EET 271 are prerequisites for EET 276 and EET 277. These prerequisites can be waived if a student has previous ladder logic programming acceptable to the Engineering and Electronics Technology Program Coordinator.

*Reviewed by: John Jors Effective Term: Spring 2022*

*Review Date: 11-10-2021*