[Engineering and Electronics Technology – Industrial Electronics Technician II](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 |
| ELT 210 Devices I | 4 |  |  | ELT 110 |  |
| ELT 214 Devices II | 4 |  |  | ELT 210 |  |
| EET 270 Motor Controls I ANDEET 271 Motor Controls Lab | 4 |  |  | ELT 110  |  |
| Total Semester Credit Hours | 12 |  |  |  |  |

Semester 3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| ELT 120 Digital I | 3 |  |  |  | May take in the first semester |
| ELT 220 Digital II | 3 |  |  | ELT 120 |  |
| EET 276 Programmable Logic Cont. ANDEET 277 Programmable Logic Cont. Lab  | 4 |  |  | EET 270 & 271  |  |
| Total Semester Credit Hours | 10 |  |  |  |  |
| Total Certificate Credit Hours | 32 |  |  |  |  |

**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.

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

 *Review Date: 11-10-2021*