[Integrated Engineering Technology - Electrical Engineering Technology](https://bluegrass.kctcs.edu/education-training/program-finder/integrated-engineering-technology.aspx)

Certificate

Coordinator: Ralph Potter (ralph.potter@kctcs.edu) 859-246-6770

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 |
| IET 121 Basic Electricity | 4 |  |  | MAT 126 or higher-level math course |  |
| IET 202 Motor Controls and Sensing Devices | 4 |  |  | IET 121 **or** EET 119 **or** ELT 110 **or** IMT 110 **AND** 111 |  |
| IET 204 Automated Motor Controls | 6 |  |  | IET 121 **or** ELT 110 **or** EET 119 **or** IMT 110 **and** 111**AND**IET 201 **or** EET 270 **and** 271 **or** IMT 220 **and** 221**or**Consent of Integrated Engineering Technology Program Coordinator  |  |
| IET 205 Robot Maintenance | 4 |  |  |  |  |
| Total Semester Credit Hours | 18 |  |  |  |  |
| Total Certificate Credit Hours | 18 |  |  |  |  |

**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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reviewed by: Ralph Potter Effective Term: Fall 2021

 Review Date: 04/10/2021