[Integrated Engineering Technology - Mechanical 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 104 Blueprint Reading/Schematics | 2 |  |  |  |  |
| IET 110 Welding and Fabrication | 4 |  |  |  |  |
| IET 128 Machine Tool Operations **OR** CMM 110 Fundamentals of Machine Tool A | 3(3) |  |  |  |  |
| IET 207 Electrohydraulics/Pneumatics | 4 |  |  |  |  |
| IET 208 Mechanical Drive Systems | 4 |  |  |  |  |
| Total Semester Credit Hours | 17 |  |  |  |  |
| Total Certificate Credit Hours | 17 |  |  |  |  |

**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