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**Integrated Engineering Technology –**

**Mechanical Engineering Technology Certificate**

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

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| **First Semester** | **Credit Hours** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| IET 102 Preventive Maintenance | 2 |  |  |  |  |
| IET 108 Mechanical Drive Systems | 5 |  |  |  |  |
| IET 110 Welding and Fabrication | 4 |  |  |  |  |
| **Total Semester Credit Hours** | **11** |  |  |  |

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| **Second Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| IET 120 Machine Tool Operations | 4 |  |  |  |  |
| IET 201 Electrohydraulics / Pneumatics | 6 |  |  |  |  |
| **Total Semester Credit Hours** | **10** |  |  |  | |
| **Total Certificate Credit Hours** | **21** |  |  |  | |

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| * **25% or more of Total Certificate Credit Hours must be earned at BCTC** * **Grade of C or higher in each course required for the certificate** |

**Graduation Requirements:**

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