**Engineering and Electronics Technology**

**Communications Track Diploma (1503994029)**

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**Program Coordinator: Kevin Jensen E-mail:** [**kevin.jensen@kctcs.edu**](mailto:kevin.jensen@kctcs.edu) **Phone: (859)246-6681**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/engineering-electronics-technology.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/engineering-electronics-technology.aspx)

**Student Name: Student ID:**

***Students need to be at KCTCS placement levels for all courses***

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| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| ELT110 Circuits I | 5 |  |  | Math placement level see below \*\*\* |
| ELT114 Circuits II | 5 |  |  |  |
| MAT126 Technical Algebra and Trig. | 3 |  |  |  |
| CIT105 Computer Fundamentals (Digital Lit.) | 3 |  |  |  |
| **Total Semester Credit Hours** | **16** |  |  |  |

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| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| ELT210 Devices I | 4 |  |  | Prerequisite Circuits I |
| ELT214 Devices II | 4 |  |  |  |
| CIT 111 Computer Hardware and Software | 4 |  |  | Recommended Elective |
| General Education Classes | 3 |  |  |  |
| **Total Semester Credit Hours** | **15** |  |  |  |

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| **Third Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| ELT120 Digital I | 3 |  |  |  |
| ELT220 Digital II | 3 |  |  |  |
| CIT 160 Intro to Networking Concepts **OR** | 4 |  |  | Recommended Elective |
| CIT 161 Networking Fundamentals | (4) |  |  |  |
| BRX120 Blueprint Reading | 3 |  |  |  |
| **Total Semester Credit Hours** | **13** |  |  |  |

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| **Fourth Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| ELT289 Engineering and Elect. Tech Capstone | 1 |  |  | This is an on-line class |
| Technical Electives | 3 |  |  | Recommend CIT or CAD course |
| ELT240 Communications Electronics | 6 |  |  | **Not currently taught at BCTC** |
| COE199 Cooperative Education **OR**  COED198 Practicum | 1 |  |  |  |
| **Total Semester Credit Hours** | **12** |  |  |  |
| **Total Credential Hours** | **56** |  |  |  |

***Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.***

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Special Instructions:** |
| General Education:  Area 1: Written Communication, Oral Communications, or Humanities/Heritage  \*\*\* MAT065 or MAT075, ACT MATH ≥ 18, COMPASS Alg ≥ 31, WBSTQ ≥ 275, KMATH ≥ 18 |