



**Engineering and Electronics Technology (1503997019)**  
**Computer Maintenance (150399703) Credential (AAS)**

Program Coordinator: Kevin Jensen

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Program Website: <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*

First Semester	Credits	Term	Grade	Prereqs/Notes
ELT110 Circuits I	5			math placement level see instructions below ***
ELT114 Circuits II	5			
MAT126 Technical Algebra and Trig.	3			
BRX120 Blueprint Reading	3			
CIT105 Computer Fundamentals (Digital Lit.)	3			
<b>Total Semester Credit Hours</b>	<b>19</b>			

Second Semester	Credits	Term	Grade	Prereqs/Notes
ELT210 Devices I	4			Prerequisite Circuits I
ELT214 Devices II	4			Not required, Can be used as Tech Elective
ELT234 Computer Hardware Maintenance	3			
ELT232 Computer Software Maintenance	3			
General Education Class	3			
<b>Total Semester Credit Hours</b>	<b>17</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
ELT120 Digital I	3			
ELT220 Digital II	3			
CIT160 Data Communications and Networking	4			
*General Education Classes	6			
<b>Total Semester Credit Hours</b>	<b>16</b>			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
ELT289 Engineering and Electronics Tech Capstone	1			This is an on-line class
*General Education Class	6			
**Technical Electives	9			As many of the Technical electives as can be taken in earlier semesters should be. 9 hours may not be available the last semester
CIT105 Computer Fundamentals (Digital Lit.)	3			
<b>Total Semester Credit Hours</b>	<b>19</b>			
<b>Total Required Credits</b>	<b>71</b>			

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

Advisor Name:

Advisor Signature: \_\_\_\_\_

Student Name:

Student Signature: \_\_\_\_\_

**Special Instructions:**

\*The General Education classes should be taken throughout the four semesters and not piled up into one or two semesters.

General Education Course Areas (one from each area):

Social/Behavioral Sciences

Heritage/Humanities

Written Communication (ENG 101)

Natural Sciences (PHY 171 recommended but any natural science course will apply)

Oral Communications

\*\*The 9 hours of Technical electives should be taken throughout the four semesters and not left to the end due to availability.

**Summer semester attendance is HIGHLY recommended** for taking General Education Classes and Technical elective classes to ease loading and scheduling during Fall and Spring Semesters.

\*\*\* MAT065 or MAT075, ACT MATH  $\geq$  18, COMPASS Alg  $\geq$  31, WBSTQ  $\geq$  275, KMATH  $\geq$  18