



Program Coordinator: Kevin Jensen

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Phone: (859)246-6681

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			
CIT105 Computer Fundamentals (Digital Lit.)	3			
BRX120 Blueprint Reading				
<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			
EET270 Motor Controls I <b>and</b>	2			Not Required for Electronics Trach but recommended
EET271 Motor Controls Lab	2			Not Required for Electronics Trach but recommended
BRX120 Blueprint Reading	3			Gen. Ed. or Technical Elective if BRX 120 require met
General Education Class	3			
<b>Total Semester Credit Hours</b>	<b>18</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
ELT120 Digital I	3			
ELT220 Digital II	3			
EET276 Programmable Logic Controllers <b>and</b>	2			Not Required for Electronics Trach but recommended
EET277 Programmable Logic Controllers Lab	2			Not Required for Electronics Trach but recommended
General Education Classes	6			Tech electives may be substituted in
<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 Classes	6			
Technical Electives	9			<b>As many of the Technical electives as can be taken in earlier semesters should be. 9 hours may not be available the last semester</b>
CIT105 Computer Fundamentals (Digital Lit.) or	3			If Dig. Lit. met Sub in last Gen Ed class
<b>Total Semester Credit Hours</b>	<b>19</b>			
<b>Total Required Credits</b>	<b>72</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 13 hours of Technical electives should be taken throughout the four semesters and not left to the end due to availability. It is Highly recommended using EET 270, 271, 276, and 277 to meet 8 hours of technical electives due to the use of Programmable Logic Control in Industry.

**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  $\geq 18$