

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			IF not available this semester taken later
BRX120 Blueprint Reading or General Education Class				
<b>Total Semester Credit Hours</b>	<b>16</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 Tech but recommended
EET271 Motor Controls Lab	2			Not Required for Electronics Tech but recommended
BRX120 Blueprint Reading	3			Gen. Ed. or Technical Elective if BRX 120 require fulfilled
<b>Total Semester Credit Hours</b>	<b>15</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 Tech but recommended
EET277 Programmable Logic Controllers Lab	2			Not Required for Electronics Tech but recommended
Technical electives	3			Tech electives may be substituted in
<b>Total Semester Credit Hours</b>	<b>13</b>			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
ELT289 Engineering and Electronics Tech Capstone	1			This is an on-line class
COE199 Cooperative Education, or COED198 Practicum	1			
Technical Electives	3			Additional electives may be used if need full time status.
CIT105 Computer Fundamentals (Digital Lit.) or General Education Area 1	3			If Dig. Lit. met Sub in last Gen Ed class See Below
<b>Total Semester Credit Hours</b>	<b>8</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:

General Education:

Area 1: Written Communication, Oral Communications, OR Humanities/Heritage

\*\*The 13 hours of Technical electives should be taken throughout the four semesters and not left to the end due to availability.

Technical Electives: Any EET, ELT, IMT, CIT, ISM, CAD, ICT, MFG, or any other course as approved by the program coordinator.

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  $\geq 18$