

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 below ***
ELT114 Circuits II	5			
MAT126 Technical Algebra and Trig.	3			
CIT105 Computer Fundamentals (Digital Lit.)	3			
Total Semester Credit Hours	16			

Second Semester	Credits	Term	Grade	Prereqs/Notes
ELT210 Devices I	4			Prerequisite Circuits I
ELT214 Devices II	4			Recommended Elective
EET270 Motor Controls I AND	2			Prerequisite Circuits I
EET271 Motor Controls Lab	2			
BRX120 Blueprint Reading	3			Gen. Ed. if BRX 120 requirement met
Total Semester Credit Hours	15			

Third Semester	Credits	Term	Grade	Prereqs/Notes
ELT120 Digital I	3			
ELT220 Digital II	3			Recommended Elective
EET276 Programmable Logic Controllers AND	2			Prerequisite Motor Controls I
EET277 Programmable Logic Controllers Lab	2			
General Education Area 1	3			
Total Semester Credit Hours	13			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
ELT289 Engineering and Elect. Tech Capstone	1			This is an on-line class
ELT260 Robotics and Industrial Automation	5			Class should be taken when available
CMM132 CAD/CAM/CNC	3			Class should be taken when available
COE199 Cooperative Education, or COED198 Practicum	1			
Technical Elective	1			Recommend FPX 100/101
Total Semester Credit Hours	11			
Total Credential Hours	55			

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. **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.

General Education:

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

*** MAT065 or MAT075, ACT MATH ≥ 18 , COMPASS Alg ≥ 31 , WBSTQ ≥ 275 , KMATH ≥ 18