

**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 must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

First Semester	Credit Hours	Term	Grade	Prerequisites	Notes
ELT 110 Circuits I	5			Math placement for MAT 126 or higher	
ELT 114 Circuits II	5			ELT 110 with grade of C or greater	
<b>Total Semester Credit Hours</b>	<b>10</b>				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
ELT 120 Digital I	3				Can be taken in first semester if schedule permits
EET 270 Motor Controls I	0 – 2			ELT 110 with C or greater, Coreq: EET 271	See note below.
EET 271 Motor Controls Lab	0 – 2			ELT 110 with C or greater, Coreq: EET 270	See note below.
<b>Total Semester Credit Hours</b>	<b>3 – 7</b>				

Third Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
EET 276 Programmable Logic Controllers	2			EET 270 with C or greater, Coreq: EET 277	
EET 277 Programmable Logic Controllers Lab	2			EET 270 with C or greater, Coreq: EET 276	
<b>Total Semester Credit Hours</b>	<b>4</b>				
<b>Total Certificate Credit Hours</b>	<b>17 – 21</b>				

**Graduation Requirements:** ☐ 25% or more of Total Certificate Credit Hours must be earned at BCTC

☐ Grade of C or higher in each course required for the certificate

**Advisor Name** \_\_\_\_\_

**Advisor Contact** \_\_\_\_\_

Additional Information
<p>Students must complete MAT 065 or 075 or demonstrate an equivalent placement level before enrolling in an ELT class.</p> <p>EET 270 and EET 271 are prerequisites for EET 276 and EET 277. These prerequisites can be waived if a student has previous ladder logic programming acceptable to the Engineering and Electronics Technology Program Coordinator.</p>