



# Engineering and Electronics Technology

## Industrial Electronics Technician I Certificate (1503993129)

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			
<b>Total Semester Credit Hours</b>	<b>10</b>			

Second Semester	Credits	Term	Grade	Prereqs/Notes
ELT120 Digital I	3			
** EET270 Motor Controls I	2			Motor control is not required for certificate BUT May be needed as prerequisite to EET276 **
** EET271 Motor Controls I Lab	2			
<b>Total Semester Credit Hours</b>	<b>7</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
EET276 Programmable Logic Controllers <u>and</u>	2			See note **
EET277 Programmable Logic Controllers Lab	2			
<b>Total Semester Credit Hours</b>	<b>4</b>			
<b>Total Credential Hours</b>	<b>21</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:
** Motor Controls 1 is not required for the Industrial Technician 1 certificate, if student has previous ladder logic programming course, but will be required as a prerequisite to the Programmable Logic control class if there is no previous ladder logic programming.
*** MAT065 or MAT075, ACT MATH ≥ 18, COMPASS Alg ≥ 31, WBSTQ ≥ 275, KMATH ≥ 18