



# Engineering and Electronics Technology

## Robotics and Automation Technician Certificate (1503993099)

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			
FPX100 Fluid Power	3			
FPX101 Fluid Power Lab	2			
<b>Total Semester Credit Hours</b>	<b>15</b>			

Second Semester	Credits	Term	Grade	Prereqs/Notes
ELT210 Devices I	4			Prerequisite Circuits I
ELT2120 Digital I	3			
EET270 Motor Controls I	2			Prerequisite Circuits I
EET271 Motor Controls I Lab	2			
<b>Total Semester Credit Hours</b>	<b>11</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CMM132 CAD/CAM/CNC	3			<b>Class not taught each semester. Take when available.</b>
ELT260 Robotics and Industrial Automation	3			<b>Class not taught each semester. Take when available.</b>
EET276 Programmable Logic Controllers <u>and</u>	2			Prerequisite Motor Controls I
EET277 Programmable Logic Controllers Lab	2			
<b>Total Semester Credit Hours</b>	<b>10</b>			
<b>Total Credential Hours</b>	<b>36</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:
*** MAT065 or MAT075, ACT MATH ≥ 18, COMPASS Alg ≥ 31, WBSTQ ≥ 275, KMATH ≥ 18