



Program Coordinator: Paul Turner

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Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/integrated-engineering-technology.aspx>

Student Name:

Student ID:

Students need to be at KCTCS placement levels for all courses

First Semester	Credits	Term	Grade	Prereqs/Notes
IET107 Basic Electricity	3			
IET104 Blueprint Reading Schematics	2			
IET102 Preventive Maintenance	2			
IET109 Safety	3			
IET108 Mechanical Drives	5			
MAT126 Technical Algebra and Trigonometry	3			
Total Semester Credit Hours	18			

Second Semester	Credits	Term	Grade	Prereqs/Notes
IET120 Machine Tool Operations	4			
IET205 Robot Maintenance	4			
IET206 Controls and Instrumentation	5			
*General Education Class	3			
Total Semester Credit Hours	16			

Third Semester	Credits	Term	Grade	Prereqs/Notes
IET201 Electrohydraulics Pneumatics	6			
IET203 Programmable Logic Controllers	5			
IET110 Welding and Fabrication	4			
Total Semester Credit Hours	15			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
*General Education Classes	12			
CIT105 Computer/Digital Literacy	3			
Total Semester Credit Hours	15			
Total Credential Hours	60-63			

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.

General Education Course Areas (one from each area):

Social/Behavioral Sciences

Heritage/Humanities

Written Communication

Natural Sciences

Oral Communications

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.