



Diploma Integrated Engineering Technology

(1442014019)

Program Coordinator: Paul Turner

E-mail: paul.turner@kctcs.edu

Phone: (859)246-6717

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			
CIT105 Computer/Digital Literacy	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			
*General Education Class	3			
Total Semester Credit Hours	18			
Total Credential Hours	52			

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:
<p>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.</p> <p>Written/Oral Communications, or Heritage/Humanities</p>