



Program name (Industrial Maintenance) Danville Campus
Credential (AAS 4703037019)

Program Coordinator: Mike Binzer

E-mail: mike.binzer@kctcs.edu

Phone: 859.246.6518

Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/industrial-maintenance.aspx>

Student Name:

Student ID:

Students need to be at KCTCS placement levels for all courses

Fall Start

First Semester	Credits	Term	Grade	Prereqs/Notes
MAT 116 or MAT 126 or MAT 150 Math	3	Fall		
IMT 110/111 Basic Electricity or ELT 110 Circuits I	5	Fall		
FPX 100/101 Fluid Power or Tech Elective	5	Fall		ELT 114 could be taken and FPX next Fall FPX 100/101 is Fall Only
General Education: His/Hum	3	Fall		
Total Semester Credit Hours	16			

Second Semester	Credits	Term	Grade	Prereqs/Notes
EET 270/271 Motor Controls I	4	Spring		IMT 110 or ELT 110 Prereq
IMT 150/151 Maintaining Industrial Equipment	5	Spring		IMT 150/151 is Spring Only
IMT 100/101 Welding	5	Spring		
Technical Elective	5	Spring		See Recommendations below
Total Semester Credit Hours	19			

Third Semester (summer)	Credits	Term	Grade	Prereqs/Notes
ENG 101 English	3	Summer		
General Education: Oral Com	3	Summer		
General Education: Natural Science	3	Summer		
General Education: Soc-Beh Sci	3	Summer		
Digital Literacy	3-4	Summer		Recommend CAD 103; 4 credit hours, 3 hours for digital lit and 1 hour used for elective
Total Semester Credit Hours	15-16			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
BRX 110 or 120 Blueprint Reading	2-3	Fall		
Technical Electives	5	Fall		See Recommendations below
Technical Elective or Fluid Power	4	Fall		See Recommendations below
Technical Elective	4	Fall		See Recommendations below
IMT 289 Capstone	1	Fall		
Total Semester Credit Hours	16-17			
Total Credential Hours	66-68			

Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.

Advisor Name:

Advisor Signature: _____

Student Name:

Student Signature: _____

Course Rotation Schedule (if applicable)	
ELT 260 Robotics	Only Offered in Fall
IMT 150 (Maintaining Ind. Equ.)	Spring Only
FPX 100/101	Fall Only

Approved Electives (if applicable)	
	*Recommended
EET 272/273	Motor Controls II* (Prereq: EET 270/271)
EET 276/277	Programmable Logic Controllers* (Prereq: EET 270/271)
CMM 114	Fundamentals of Machine Tool* (Fall)
ELT 260	Robotics and Industrial Automation* (Spring)
IET 1301,1302,1303, 1304 or 1305	Manufacturing Core Exercises
IMT	Any industrial maintenance classes
EET	Any Electronics Technology Classes
ELT	Any Engineering and Electronics Technology classes
CMM 110	Limited Availability Summer