

Program Coordinator: Mike Binzer
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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
Oral Communications or ENG 101	3	Fall		
Total Semester Credit Hours	16			

Second Semester	Credits	Term	Grade	Prereqs/Notes
EET 270/271 Motor Controls I	4	Spring		IMT 110/ELT 110 Prereq
IMT 150/151 Maintaining Industrial Equipment	5	Spring		
Digital Literacy	3-4	Spring		Recommend CAD 103; 4 credit hours, 3 hours for digital lit and 1 hour used for elective
BRX 110 or 120 Blueprint Reading	2-3	Spring		
Total Semester Credit Hours	14-16			

Third Semester (Summer)	Credits	Term	Grade	Prereqs/Notes
Coop or Practicum	1	Summer		The college does not promise to find a student a COOP or Practicum Placement.
Technical Elective	5	Summer		See Recommendations below
Total Semester Credit Hours	6			

Fourth Semester (Fall)	Credits	Term	Grade	Prereqs/Notes
IMT 100/101 Welding	5	Fall		
Technical Elective or FPX 100/101 Fluid Power	5	Fall		
Technical Elective	5	Fall		See Recommendations below
IMT 289 Capstone	1	Fall		
Total Semester Credit Hours	16			
Total Credential Hours	52-54			

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)	
CMM 114	Fall Only
CMM 110	Limited Availability Summer

Approved Electives (if applicable)	
	*Recommended
EET 272/273	Motor Controls II* (EET 270/271 Prereq)
EET 280/282	Programmable Logic Controllers* (EET 270/271 Prereq)
CMM 110/114	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