BLUEGRASS
COMMUNITY & TECHNICAL **COLLEGE**

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	Spring		
IMT 110/111 Basic Electricity or ELT 110 Circuits I	5	Spring		
FPX 100/101 Fluid Power or Tech Elective	5	Spring		ELT 114 could be taken and FPX next Fall
Oral Communications or ENG 101	3	Spring		
Total Semester Credit Hours	**16**			

Second Semester	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**			

Third Semester (Summer)	Credits	Term	Grade	Prereqs/Notes
EET 270/271 Motor Controls I	4	Fall		IMT 110/ELT 110 Prereq
IMT 150/151 Maintaining Industrial Equipment	5	Fall		
Digital Literacy	3-4	Fall		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	Fall		
Total Semester Credit Hours	**14-16**			

Fourth Semester (Fall)	Credits	Term	Grade	Prereqs/Notes
IMT 100/101 Welding	5	Spring		
Technical Elective or FPX 100/101 Fluid Pwr	5	Spring		See Recommendations below
Technical Elective	5	Spring		See Recommendations below
IMT 289 Capstone	1	Spring		
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