



**Program name (Industrial Maintenance) Danville Campus**  
**Credential (Diploma 473034049)**

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 FPX is Fall Only
Oral Communications or ENG 101	3	Fall		
<b>Total Semester Credit Hours</b>	<b>16</b>			

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		IMT 150/151 is Spring Only
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		
<b>Total Semester Credit Hours</b>	<b>14-16</b>			

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.
IMT 100/101 Welding	5	Summer		See Recommendations below
<b>Total Semester Credit Hours</b>	<b>6</b>			

Fourth Semester (Fall)	Credits	Term	Grade	Prereqs/Notes
Technical Elective	5	Fall		
Technical Elective or FPX 100/101 Fluid Pwr	5	Fall		
Technical Elective	4	Fall		See Recommendations below
IMT 289 Capstone	1	Fall		
<b>Total Semester Credit Hours</b>	<b>15</b>			
<b>Total Credential Hours</b>	<b>51-53</b>			

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

Advisor Name:

Advisor Signature: \_\_\_\_\_

Student Name:

Student Signature: \_\_\_\_\_

<b>Course Rotation Schedule (if applicable)</b>	
PFX 100/101	Fall Only
IMT 150/151 and ELT 260	Spring Only
CMM 114	Fall Only
CMM 110	Limited Availability Summer

<b>Approved Electives (if applicable)</b>	
	*Recommended
EET 272/273	Motor Controls II* (EET 270/271 Prereq)
EET 276/277	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