

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
THIS PROGRAM IS NOT FULLY OFFERED AT BCTC
Fall Start

| First Semester | Credits | Term | Grade | Prereqs/Notes |
|---|-----------|------|-------|---------------|
| MAT 116 or MAT 126 or MAT 150 Math | 3 | | | |
| IMT 110/111 Basic Electricity or ELT 110 Circuits I | 5 | | | |
| IMT 150/151 Maintaining Industrial Equipment | 5 | | | |
| General Education: His/Hum | 3 | | | |
| | | | | |
| Total Semester Credit Hours | 16 | | | |

| Second Semester | Credits | Term | Grade | Prereqs/Notes |
|------------------------------------|-----------|------|-------|--|
| EET 270/271 Motor Controls I | 4 | | | IMT 110 or ELT 110 Prereq |
| FPX 100/101 Fluid Power | 5 | | | |
| IMT 100/101 Welding | 5 | | | |
| IET 109 Safety | 3 | | | Not offered at BCTC but may be available on-line |
| | | | | |
| Total Semester Credit Hours | 19 | | | |

| Third Semester (summer) | Credits | Term | Grade | Prereqs/Notes |
|------------------------------------|--------------|------|-------|---|
| ENG 101 English | 3 | | | |
| General Education: Oral Com | 3 | | | |
| General Education: Soc-Beh Sci | 3 | | | |
| General Education: Natural Science | 3 | | | |
| Digital Literacy | 3-4 | | | 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 | | | |
| IET 120 Machine Tool Operations | 5-7 | | | CMM 110A or CMM 114 Substitution |
| IET 203 Programmable Logic Controllers | 4 | | | EET 276/277 Substitution |
| IET 205 Robot Maintenance | 5 | | | ELT 260 Could be Substituted |
| IMT 289 Capstone | 1 | | | |
| | | | | |
| 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: _____

| Special Instructions: | | |
|--|---|-----------------------|
| Required Technical "Electives:" | | |
| IET 109 Safety | 3 | |
| IET 120 Machine Tool Operations | 4 | (CMM 110A or CMM 114) |
| IET 203 Programmable Logic Controllers | 5 | (EET 276/277) |
| IET 205 Robot Maintenance | 4 | (ELT 260) |

| Course Rotation Schedule (if applicable) | |
|--|--|
| CMM 114 | Fall Only on Danville and Georgetown |
| IET 120 (CMM 110) | Limited Availability Summer On Georgetown and Danville |
| IET 205 (ELT 206) | Only Available Spring on Danville |
| FPX 100/101 and IMT 150/151 | Only Available in Fall on Danville |
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