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**Program name (Industrial Maintenance) Georgetown Campus**

**AMTEC Track Credential (AAS 470303703)**

**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**](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**

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| **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** |  |  |  |

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| **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 |
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| **Total Semester Credit Hours** | **19** |  |  |  |

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| **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 |
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| **Total Semester Credit Hours** | **15-16** |  |  |  |

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| **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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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