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**Program name (Industrial Maintenance)**

**Credential (AAS AMT Track)**

**Program Coordinator: Allan Robertson E-mail: allan.robertson@kctcs.edu Phone: 8592466988**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/apprentice-opportunities/amt/index.aspx**](https://bluegrass.kctcs.edu/education-training/apprentice-opportunities/amt/index.aspx)

**Student Name: Student ID:**

***Students need to be at KCTCS placement levels for all courses***

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| **Pre-Admission Requirements (if applicable)** |
| Student Must be selected into this program by industry. No exceptions. Classes start each fall semester. |

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| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| FPX 100/101 Fluid Power | 5 | Fall |  |  |
| IMT 110/1111 Basic Electricity | 5 | Fall |  |  |
| MAT 126 Technical Algebra | 3 | Fall |  |  |
| HIS 240 History of KY | 3 | Fall |  |  |
| IET 1301 Safety Culture | 1 | Fall |  |  |
| **Total Semester Credit Hours** | **17** |  |  |  |

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| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| EET 270/271 Motor Controls I | 4 | Spring |  |  |
| IMT 150/151 Maintaining Industrial Equipment | 5 | Spring |  |  |
| COM 252 Introduction to Interpersonal Communication | 3 | Spring |  |  |
| SOC 101 Sociology | 3 | Spring |  |  |
| IET 1302 5S | 1 | Spring |  |  |
| **Total Semester Credit Hours** | **16** |  |  |  |

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| **Third Semester (summer)** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| BRX 110 Blueprint Reading | 2 | Summer |  |  |
| IET 1303 Total Production Management | 1 | Summer |  |  |
| CMM 110 Machine Tool | 3 | Summer |  |  |
| **Total Semester Credit Hours** | **6** |  |  |  |

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| **Fourth Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| EET 277/278 Programmable Logic Controllers | 4 | Fall |  |  |
| EET 272/273 Motor Controls II | 4 | Fall |  |  |
| ENG 101 English | 3 | Fall |  |  |
| CAD 103 CAD fundamentals | 4 | Fall |  |  |
| IET 1304 Problem Solving | 1 | Fall |  |  |
| **Total Semester Credit Hours** | **16** |  |  |  |

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| **Fifth Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** | |
| ELT 260 Robotic and Industrial Automation | 5 | Spring |  |  | |
| IMT 100/101 Welding for Maintenance | 5 | Spring |  |  | |
| PHY 171 Applied Physics | 4 | Spring |  |  | |
| IET 1305 Maintenance Reliability | 1 | Spring |  |  | |
| IMT 289 Capstone | 1 | Spring |  |  | |
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| **Total Semester Credit Hours** | **16** |  |
| **Total Credential Hours** | **71** |  |  | |

***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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| **Special Instructions:** |
| Applications for the fall 2018 AMT program will be available from September 1th through December 31. Anyone interested in enrolling in the AMT program must complete an *Online* AMT program application and submit the required documents to the address listed on the application form. Also, an enrollment application for Bluegrass Community and Technical College is required. (Follow the instructions below for locating both applications)  <https://bluegrass.kctcs.edu/education-training/apprentice-opportunities/amt/index.aspx>  To be considered for selection to the program, potential students should have no less than a 19 ACT Math, 20 ACT English and 19 ACT Writing college entrance score. There are no pre-requisite classes required to apply for this program.  To be enrolled in the AMT program, the student must be sponsored by a manufacturing company that is a KY-FAME member. Presently, students selected for the AMT program will attend classes for 5 semesters. Each course requires a letter grade of C or better upon completion. Students who finish the course with a letter grade lower than a C will lose sponsorship. Students may or may not receive credit for past course work based on the sponsoring company’s expectations.  Be advised that we will not be meeting with potential students until after the application process starts. Also, know that applying to the AMT program does not guarantee acceptance. The application of the potential AMT student and the entrance exam scores will be reviewed. If the requirements of the application are met, the potential student may be selected for an interview, once all interviews are completed, industry leaders will select which students they wish to sponsor. Please keep in mind that the process from application to selection is a lengthy process and that you will be contacted if; selected for an interview, and then if selected for sponsorship. Thank you for your interest in the AMT program |