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**Computerized Manufacturing and Machining (4805033129)**

Certificate: CNC Operator

**Program Coordinator: Danny Roberts E-mail: danny.roberts@kctcs.edu Phone: 859-246-6773**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/computerized-manufacturing-machining.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/computerized-manufacturing-machining.aspx)

**Student Name: Student ID:**

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

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| **First Semester FALL** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CMM 114 Fundamentals of Machine Tools | 6 |  |  |  |
| CMM 118 Metrology/Control Charts | 2 |  |  |  |
| BRX 112 Blueprint Reading for Machinist | 4 |  |  |  |
| MAT 116 Technical Mathematics or Higher | 3 |  |  |  |
| **Total Semester Credit Hours** | **15** |  |  |  |

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| **Second Semester SPRING** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CMM 134 Manual Programming CAD/CAM/CNC **OR** |  |  |  |  |
| CMM 138 Intro to Programming and CNC Machines | 6 |  |  |  |
| Digital Literacy (taken or demonstrated) | 0-3 |  |  |  |
| **Total Semester Credit Hours** | **9-12** |  |  |  |

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| **Third Semester FALL** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CMM 230 Conversational Programming **OR** |  |  |  |  |
| CMM 234 CNC Machines and Coding Practices | 6 |  |  |  |
| **Total Semester Credit Hours** | **6** |  |  |  |
| **Total Credential Hours** | **27-30** |  |  |  |

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

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**