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**Computerized Manufacturing and Machining – CNC Machining &**

**Waterjet Technology Certificate**

**Associate in Applied Science degree**

**Program Coordinator: Danny Roberts E-mail:** [**danny.roberts@kctcs.edu**](mailto: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 must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.***

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| **New students must start CMM classes in the Spring semester.** | | | | | |
| **First Semester** | **Credit Hours** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| CMM 138 Intro to Programming and CNC Machines | 6 |  |  | CMM 114 or Instructor Consent | Spring only |
| **Total Semester Credit Hours** | **6** |  |  |  |

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| **Second Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | | **Notes** | |
| CMM 234 CNC Machines and Coding Practices | 6 |  |  | Instructor Consent Required CMM 138 | | Fall only | |
| **Total Semester Credit Hours** | **6** |  |  | |  | |

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| **Third Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| CMM 244 Advanced Programming/Setup Practices | 6 |  |  | CMM 138 | Spring only |
| **Total Semester Credit Hours** | **6** |  |  |  |
| **Total Certificate Credit Hours** | **18** |  |  |  |

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| * **25% or more of Total Certificate Credit Hours must be earned at BCTC** * **Grade of C or higher in each course required for the certificate** |

**Graduation Requirements:**

**Advisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Additional Information** |
| This certificate is offered only on the Danville campus. |