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**Computerized Manufacturing and Machining – Exploratory Machining I**

**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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| **First Semester** | **Credit Hours** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| CMM 114 Fundamentals of Machine Tools OR  CMM 134 Manual Programming CAD/CAM/CNC OR  CMM 138 Intro to Programming and CNC Machines | 6 |  |  | CMM 114 – None  CMM 134 – Instructor Consent  CMM 138 – Instructor Consent | CMM 114 Fall only  CMM 134 Spring only  CMM 138 Spring only |
| Electives | 5 – 6 |  |  |  | 5 credit hours are required if CMM 114 is taken.  6 credit hours are required if either CMM 134 or CMM 138 is taken |
| **Total Semester Credit Hours** | **11 – 12** |  |  |  |
| **Total Certificate Credit Hours** | **11 – 12** |  |  |  |

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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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**