[Computerized Manufacturing and Machining - Exploratory Machining I](https://bluegrass.kctcs.edu/education-training/program-finder/computerized-manufacturing-machining.aspx)

Certificate

Coordinator: Danny Roberts ([danny.roberts@kctcs.edu](mailto:danny.roberts@kctcs.edu)) 859-246-6773

Student Name: Student ID:

*Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

Semester 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| CMM 114 Fund. of Machine Tools OR  CMM 134 Manual Prog. CAD/CAM/CNC OR  CMM 138 Intro to Prog. 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 |  |  |  |  |

**Graduation Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Cumulative GPA must be 2.0 or higher.

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

**Additional Information**

Students must earn a grade of C or better in each CMM course.

Alternate course numbers that are equivalent to courses listed in the above plan:

CMM 110 and CMM 112 = CMM 114

CMM 130 and CMM 134 = CMM 134

*Reviewed by: Danny Roberts Effective Term: Fall 2021*

*Review Date: 2-10-2021*