[Computerized Manufacturing and Machining - CNC Machining & Waterjet Technology](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.*

NOTE: New students must start CMM classes in the Spring semester.

Semester 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | 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 |  |  |  |  |

Semester 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | 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 |  |  |  |  |

Semester 3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | 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 |  |  |  |  |

**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**

This certificate is offered only on the Danville campus.

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

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

*Review Date: 2-10-2021*