



Computerized Manufacturing and Machining – CNC Operator Certificate

Program Coordinator: Danny Roberts

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Program Website: <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.

New students must start CMM classes in the Fall semester.					
First Semester	Credit Hours	Term	Grade	Prerequisites	Notes
CMM 114 Fundamentals of Machine Tools	6				Fall only
CMM 118 Metrology/Control Charts	2				Fall only
BRX 112 Blueprint Reading for Machinist	4				Fall only
MAT 116 Technical Mathematics or MAT 126 Technical Algebra and Trigonometry or Higher	3				
Total Semester Credit Hours	15				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CMM 134 Manual Programming CAD/CAM/CNC OR CMM 138 Intro to Programming and CNC Machines	6			CMM 114	Spring only
Digital Literacy	0-3				Digital literacy course or competency exam
Total Semester Credit Hours	6 – 9				

Third Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CMM 230 Conversational Programming OR CMM 234 CNC Machines and Coding Practices	6			Instructor Consent Required CMM 134 or CMM 138	Fall only
Total Semester Credit Hours	6				
Total Certificate Credit Hours	27 – 30				

- Graduation Requirements:
- 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

Advisor Name _____

Advisor Contact _____