Program Coordinator: Danny Roberts   **E-mail: danny.roberts@kctcs.edu**   **Phone: 859-246-6773**

Program Website: https://bluegrass.kctcs.edu/education-training/program-finder/computerized-manufacturing-machining.aspx

Student Name: **Student ID:**

Students need to be at KCTCS placement levels for all courses

First Semester FALL	Credits	Term	Grade	Prereqs/Notes
CMM 114 Fundamentals of Machine Tools	6			**New students must start CMM classes in Fall Semester**
CMM 118 Metrology/Control Charts	2			
BRX 112 Blueprint Reading for Machinist	4			
Total Semester Credit Hours	**12**			

Second Semester SPRING	Credits	Term	Grade	Prereqs/Notes
CMM 124 Applied Machining	6			
CMM 134 Manual Programming CAD/CAM/CNC **OR**				
CMM 138 Intro to Programming and CNC Machines	6			
General Education Area 1 or 2	3			
Total Semester Credit Hours	**15**			

Third Semester FALL	Credits	Term	Grade	Prereqs/Notes
CMM 214 Industrial Machining	6			
CMM 234 CNC Machines and Coding Practices	6			
Required Elective (choice taken 3rd or 4th semester)	1			
General Education Area 1 or 2	3			
Digital Literacy (taken or demonstrated)	0-3			
Total Semester Credit Hours	**15-19**			

Fourth Semester SPRING	Credits	Term	Grade	Prereqs/Notes
CMM 224 Advanced Industrial Machining	6			
CMM 244 Advanced Programming/Setup Practices	6			
Required Elective (choice taken 3rd or 4th semester)	1			
Total Semester Credit Hours	**12-13**			
Total Credential Hours	**55-58**			

Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.

Advisor Name: **Advisor Signature: _____**

Student Name: **Student Signature: _____**

Special Instructions:
General Education Classes Required: (Summer classes may be taken to complete)   **Area 1:** Written OR Oral Communication OR Heritage Humanities   **Area 2:** Natural Science OR Social/Behavioral Science OR Quantitative Reasoning

Approved Electives (if applicable)	
CMM 298 Practicum	1 Credit
CMM 299 CO-OP	1 Credit
	Choice of CMM 298 or CMM 299 one must be taken for graduation

Course Rotation Schedule (if applicable)	
Fall Only	CMM 114, CMM 118, BRX 112, CMM 214, CMM 230, CMM 234
Spring Only	CMM 124, CMM 134, CMM 138, CMM 224, CMM 240, CMM 244