

**Computerized Manufacturing and Machining  
Machine Tool Operator II  
Certificate**

**Academic Plan Code****4805033119**

<b>Contact Information:</b> Sam Arnone				
<a href="mailto:sam.arnone@kctcs.edu">sam.arnone@kctcs.edu</a>		270-534-3357		
Student Name		Student ID#		
Course	Hours	Grade	Semester	
BRX 110 Basic Blueprint Reading for Machinist OR BRX 112 Blueprint Reading for Machinist	2 (4)			
Digital Literacy*	0-3			
Social/Behavioral Science, Natural Science or Quantitative Reasoning	3			
CMM 110 Fundamentals of Machine Tools A AND CMM 112 Fundamentals of Machine Tools B OR CMM 114 Fundamentals of Machine Tools	3 3 (6)			
CMM 118 Metrology/Control Charts	2			
CMM 120 Applied Machining I AND CMM 122 Applied Machining II OR CMM 124 Applied Machining	3 3 (6)			
CMM 130 Manual Programming AND CMM 132 CAD/CAM/CNC OR CMM 134 Manual Programming/CAD/CAM/CNC OR CMM 138 Intro to Programming & CNC Machines	3 3 (6) (6)			
Total Credits	25-30			

Revised Date: 1/30/2017

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KENTUCKY COMMUNITY &amp; TECHNICAL COLLEGE SYSTEM

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First Semester

Course No.	Course Title	Credit Hours
BRX 110	Basic Blueprint Reading for Machinist AND	2
BRX 112	Blueprint Reading for Machinist	(4)
	Social/Behavioral Science, Natural Science or Quantitative Reasoning	3
CMM 110	Fundamentals of Machine Tools A AND	3
CMM 112	Fundamentals of Machine Tools B OR	3
CMM 114	Fundamentals of Machine Tools	(6)
CMM 118	Metrology/Control Charts	2
	Subtotal	13-15

Second Semester

Course No.	Course Title	Credit Hours
CMM 120	Applied Machining I AND	3
CMM 122	Applied Machining II OR	3
CMM 124	Applied Machining	(6)
CMM 130	Manual Programming AND	3
CMM 132	CAD/CAM/CNC OR	3
CMM 134	Manual Programming/CAD/CAM/CNC OR	(6)
CMM 138	Intro To Programming & CNC Machines	(6)
	Computer Literacy*	0-3
	Subtotal	12-15
	Grand Total	25-30

Program Coordinator Notes: \*Digital Literacy must be demonstrated either by competency exam or by completing a digital literacy course. BRX 112 and CMM 118 are only offered during the fall semester. Students enrolled in the Computerized Manufacturing and Machining program must achieve a minimum grade of "C" in each BRX, CMM, and IE Core. It is the ultimate responsibility of the student to stay current with the curriculum requirements.