

# Precision Machining - Basic CNC Technology Short-Term Certificate

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The courses in this program of study may not be offered every semester. It is important to consult with your advisor to determine course schedules to stay on track to graduate.

NOTICE(s): For the short-term certificate in CNC Technology, the student must complete a minimum of 29 credit hours from the courses listed below. All courses must be approved by the advisor. Admission Requirement: Completion of a Precision Machining Certificate/Diploma or approval from an advisor. The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.

## Area V: Required Courses

Item #	Title	Hours
ORI 101	Orientation to College	1
WKO 101	Workplace Skills Development I	1
	Sub-Total Credits	2

## Area V: Additional Coursework

Students must choose the remaining 27 credit hours from the list below:

Item #	Title	Hours
MTT 139	Basic Computer Numerical Control	3
MTT 140	Basic Computer Numerical Control Turning Programming I	3
MTT 141	Basic Computer Numeric Control Milling Programming I	3
MTT 219	Computer Numerical Control Graphics: Turning	3
MTT 220	Computer Numerical Control Graphics: Milling	3
MTT 241	CNC Milling Lab I	3
MTT 242	CNC Milling Lab II	3
MTT 243	CNC Turning Lab I	3
MTT 244	CNC Turning Lab II	3
MTT 281	Special Topics in Machine Tool Technology	3
MTT 282	Special Topics in Machine Tool Technology	3
MTT 292	Cooperative Education in Machine Tool Technology	3
	Sub-Total Credits	36
		<b>29</b>