

CNC Machinist

TECHNICAL DIPLOMA 27-28 Credits

The Technical Diploma in CNC Machinist uses hands-on activities, creativity and problem-solving in the machine trades area of manufacturing to prepare students for employment in an entry level CNC machinist position. Students will learn the milling operations of machine tools found in the industry. Upon completion of the program students will be able to set up, operate and maintain a CNC milling machine.

Students who earn this diploma from the College of Menominee Nation have the opportunity to achieve national and state certifications, apply for apprenticeships, and enter employment as a CNC machinist in the machine industry.

Completion of this program does not substitute for an apprenticeship, but does offer the basic knowledge to begin working as an entry-level CNC machinist in the machine industry.

CORE REQUIREMENTS		(6-7 CREDITS)	COMPLETED	GRADE
GEN100	Student Success	3 cr.	_____	_____
RES110	Applied Mathematics Trades I or	2 cr.	_____	_____
MAT104	*College Algebra Foundations or	3 cr.	_____	_____
MAT106	*College Algebra	3 cr.	_____	_____
GEN101	Employability Success	1 cr.	_____	_____
EMPHASIS COURSE REQUIREMENTS		(21 CREDITS)		
CNC100	CNC Fundamentals	3 cr.	_____	_____
CNC101	Machine Safety in the Workplace	1 cr.	_____	_____
CNC102	CNC Basic Tool Applications	5 cr.	_____	_____
CNC103	Blueprint Reading for Machinist	2 cr.	_____	_____
CNC105	*CNC Developed Tool Applications	5 cr.	_____	_____
CNC106	CAD/CAM Software	3 cr.	_____	_____
WEL106	Metallurgy	2 cr.	_____	_____

Courses that have an asterisk () in front of them have a requisite. Students should refer to the college catalog and plan accordingly.*