



Machine Tool Technology (MTT.CNC.AAS) - Full Time - Fall Start 2022-2023

Students should meet with an OCC counselor before attempting this plan of study

Year 1 - FALL

COURSES		
MTT1000	Intro to CNC	4
MTT1050	G&M Code Prog.	4
MTT1150	Metrology	2
TED1030	Basic Blueprint Reading	3
TOTAL CREDITS: 13		

Year 1 – WINTER

COURSES		
MTT1200	Machine Tool Setup & Operation	3
MTT2250	Fund. of CAM	3
MTT2300	2D & 3D Computer Aided Machining	4
CAD1050	GD&T	4
CAD1501	Special Topics in CAD: Fusion360	2
TOTAL CREDITS: 16		

Year 1 - SUMMER

COURSES		
ENG1450	Writing and Reading for Problem Solving	3
-or- ENG1510 Composition 1 (3cr) ²		
Required Supportive		3-4
TOTAL CREDITS: 6-7		

Note:

To receive MTA endorsement, students must fulfill the requirements noted for each category and successfully complete at least 30 credits. All coursework used to fulfill MTA requirements must be completed with a grade of 2.0 or higher in EACH course.

Year 2 - FALL

COURSES		
MTT1300	Advanced Machining Processes	3
Gen Ed		3
MSE1000	Metallurgy	3
Gen Ed		3
Required Supportive		3-4
TOTAL CREDITS: 15-16		
MILESTONE: Make an appointment to meet with a Counselor to apply for graduation for this degree.		

Year 2 - WINTER

COURSES		
MTT2400	Jig & Fixture Assemblies	3
MTT2500	Multi-axis CAM	3
Gen Ed		3
Required Supportive		3-4
TOTAL CREDITS: 12-13		

Total Credits: 62

1. If student plans on transferring, then MAT1560 should be taken.
2. If student plans on transferring, then ENG1510 should be taken.