



OAKLAND COMMUNITY COLLEGE®

Machine Tool Technology (MTT.CNC.CT)
Full Time Fall Start
2021-2022

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

Year 1 - FALL

COURSES	
MTT 1100 Introduction to Machine Tools	3
MTT 2100 Introduction to CNC	3
TED 1030 Basic Blueprint Reading	3
APM 8110 Geometry Algebra	3
– or- MAT 1560 Trigonometry (3cr)	
CAD 1501 Special Topics in CAD: Fusion 360	2
TOTAL CREDITS: 14	

Year 1 – WINTER

COURSES	
MTT 1150 Metrology	2
MTT 1200 Machine Tool Setup & Operation	3
MTT 2200 G&M Code CNC Programming	3
MTT 2250 Fundamentals of CAM	3
CAD 1050 GD&T	4
TOTAL CREDITS: 15	

Year 1 - SUMMER

COURSES	
MTT 2300 2D & 3D Computer Aided Machining	4
MSE 1000 Metallurgy	3
TOTAL CREDITS: 7	

Total Credits: 36