

# ASSOCIATE OF APPLIED SCIENCE IN MACHINING

COURSE	TITLE	S.H.
<b>First Year Requirement -Student Success</b>		
YSU 1500	Success Seminar	1-2
or YSU 1500S	Youngstown State University Success Seminar	
or HONR 1500	Intro to Honors	
<b>General Education</b>		
ENGL 1550	Writing 1	3-4
or ENGL 1549	Writing 1 with Support	
ENGL 1551	Writing 2	3
PHIL 2625	Introduction to Professional Ethics	3
PSYC 1560	General Psychology	3
<b>Major Requirements</b>		
MATH 1510	College Algebra	4
MATH 1511	Trigonometry	3
CCET 1503	CAD Technology	2
MACH 1501	OSHA 30 General Industry Training Course	3
MACH 2600	Drafting for Machining	3
MACH 2601	Introduction to Machining Processes	3
MACH 2603	Introduction to Manufacturing Manual Lathe Process	3
MACH 2604	Computer Numerical Control Lathe Operation	3
MACH 2605	Computer Numerical Control Mill Operation	3
MACH 2606	Computer Numerical Control Mill Programming and Operation	3
MACH 2607	Computer Numerical Control Lathe Programming and Operation	3
MACH 2608	CNC (Lathe and Milling)	3
MACH 2610	Materials/Metallurgy	3
MET 2616	Mechanics 2	3
MET 2630	Manufacturing Techniques	3
MET 2630L	Manufacturing Techniques Laboratory	1
MGT 4801	Leadership in Business and Society	3
<b>Total Semester Hours</b>		<b>62-64</b>