

Academic Pathway

Metals Technology

Associate of Applied Science

Academic & Career Pathway: Trades and Industry

Student:

Advisor:

Course/Semester (Prefix, Number and Title)	Credits	Fall/Spring Only	Milestone Course	Notes	Completed
				Students may begin their instruction in the two-year Metals Technology program depending upon the space available, in either the computer aided manufacturing or the welding area. Related instruction should be taken in the order listed.	
Semester 1					
M111T	3			Prerequisite to courses for the 2 nd semester	
WLDG107 Industrial Safety for Welding	2	Fall	X		
WLDG112 Cutting Processes	3	Fall			
WLDG135 GMAW Theory and Practical Application	5	Fall			
WLDG181 SMAW Theory and Practical Application	5	Fall			
Semester 2					
WLDG137 Blueprint Reading, Layout and Beginning Fabrication	7	Spring		First semester WLDG courses and M111T are prerequisites	
WLDG141 GTAW Theory and Practical Application	4	Spring		First semester WLDG courses and M111T are prerequisites	
WLDG151 Shop Practices	4	Spring		First semester WLDG courses and M111T are prerequisites	
COMX 106 Communicating in a Dynamic Workplace	2	Spring			
WRIT 121T Technical Writing	3	Spring			
Semester 3					
MCH 130 Machine Shop	3	Fall Only			

MCH 132 Introduction to Engine Lathes	5	Fall Only	X		
MCH 134 Introduction to Mills	5	Fall Only	X		
MCH 240 Metallurgy	2	Fall Only			
Semester 4					
MCH 136 Advanced Lathes	5	Spring Only		Prerequisite: MCH 130, MCH 132, MCH 134	
MCH 137 Advanced Mills	5	Spring Only		Prerequisite: MCH 130, MCH 132, MCH 134	
MCH 139 Grinding	2	Spring Only		Prerequisite: MCH 130, MCH 132, MCH 134	
MCH 245 Shop Practices	2	Spring Only		Prerequisite: MCH 130, MCH 132, MCH 134	
DDSN 135 Solidworks 1	2	Spring Only		Prerequisite: MCH 130, MCH 132, MCH 134	

****Students must earn a C- or better in order to successfully complete a course.***