

Academic Pathway

Industrial Welding & Metal Fabrication

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 obtain a CAS in Welding Technology by completing the first two semesters in the listed order.	
Semester 1				Courses must be taken in this order	
M111T	3	Fall	X	Prerequisite to all welding courses	
WLDG107 Industrial Safety for Welding	2	Fall	X	If students are unable to pass safety and obtain an OSHA card they cannot continue in the program.	
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	
WRIT 121T Technical Writing	3	Spring			
COMX 106 Communicating in a Dynamic Workplace	2	Spring			
Semester 3					
WLDG213 Pipe Welding 1 Lab	6			First year courses and M111T are prerequisites	
WLDG 246 Advanced Metal Forming/Fabrication Theory and Practical Application	5			First year courses and M111T are prerequisites	

WLDG 257 Cutting Processes II	5		X	First year courses and M111T are prerequisites. This course is the foundation for all second year courses.	
Semester 4					
WLDG 227 Advanced Joining Processes Theory and Practical Application	6			Third semester WLDG Courses and M111T are prerequisites	
WLDG245 Metal Fabrication Design and Construction	5			Third semester WLDG Courses and M111T are prerequisites	
WLDG 299 Industrial Welding Capstone	5			Third semester WLDG Courses and M111T are prerequisites	

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