

Associate of Applied Science – 69 credits Industrial Welding and Metal Fabrication		
Name:	Date of Entry:	Advisor:
Dual Major With:	Academic Plan Advisor:	
Transferred From:		
Credit Hours Transferred In:		

Course #	Course Title	CR	Pre - Requisites	SEM	Grade	Comments
1st Semester – 18 Credits						
WLDG 107	Industrial Safety	2				
WLDG 112	Cutting Processes	3	WLDG 107 (co-req)			
WLDG 135	GMAW Theory and Prac Applications	5	WLDG 107 (co-req)			
WLDG 181	SMAW Theory and Prac Applications	5				
M111T	Technical Mathematics	3				
2nd Semester – 16 Credits						
WLDG 117	Blueprint Reading and Weld Symbols	3	WLDG 107, 112, 135, and 181			
WLDG131	Layout, Metal Form and Fabrications	6	WLDG 107, 112, 135, and 181			
WLDG140	Intro GAS Tungsten ARC Welding (GTAW) – Integrated Lab	3	WLDG 107, 112, 135, and 181			
WLDG151	Shop Practices	4	WLDG 107, 112, 135, 181 WLDG 117 and 140 (co-req)			
3rd Semester – 18 Credits Pre-requisites: Completion of First Year Courses						
WLDG 217	Advanced Blueprint	2				
WLDG 225	Structural Fabrication	2				
WLDG 230	Field Weld and Process	2				
WLDG 243	Adv Metal Fab I	6				
WLDG 255	CNC Burn Table Program and Operat	3				
WRIT 121T	Intro to Tech Writing	3	Placement or WRIT095			
4th Semester – 17 Credits						
WLDG213	Pipe Welding Lab I	5				
WLDG244	Advanced Metal Fabrication II	4				
WLDG245	Metal Fabrication Design and Construction	5				
WLDG265	MSHA Safety Training	1				
HR100T	Human Relations	2				
Developmental Coursework:						