

Program Curriculum for Metals Fabrication & Welding Technology

<u>Se m.</u>	<u>Dept.</u>	<u>Course #</u>	<u>Course Title</u>	<u>Course Cre dits</u>	<u>General Education Cr edits</u>	<u>Program Cre dits</u>
1	MFWT	106	Gas Metal Arc Welding/Plasma Arc Cutting	3		
1	MFWT	111	Metals Fab I - Intro to Hand & Machine Processes	3		
1	MFWT	121	HVAC Duct Design and Fabrication	3		
1	MFWT	126	Drafting Fundamentals	3		12
1	CIS	111	Intro to Computer Applications	3		
1	MATH	126	Technical Mathematics I	3	6	
2	MFWT	156	Oxo-Acetylene Welding and Cutting	2		
2	MFWT	161	Metals Fabrication II - Parallel Line Development Machine Processes	3		
2	MFWT	166	Industrial Applications/Fabri cation Blue Print Reading	3		
3	MFWT	171	Materials of the Trade/Applied Metallurgy	2		10
2	MATH	136	Technical Mathematics II - or-	3		
2	MATH	132/14 1	Geometry - or- Trigonometry	3		

2	CIS	105	Drawing with AutoCAD	3	6	
3	MFWT	207	Shielded Metal Arc Welding	4		
3	MFWT	212	Metals Fabrication III - Triangulation Pattern Machine Processes	4		
3	MFWT	222	CNC Applications and Estimating	4		12
3	ENG	106	English Composition	3		
3	ELECTIVE		General Elective	3	6	
4	MFWT	257	Gas Tungsten Arc Welding	4		
4	MFWT	262	Metals Fabrication IV	4		
4	MFWT	267	Industrial Apps III - Print Reading for Welding	4		12
Add Gen Ed.	HEALTH	106 -or- 111	Elective	1		
Add Gen Ed.	ENG	216	Technical Writing	3		
Add Gen Ed.	HUMANITIES		General Education Elective	3	7	

			TOTAL CREDITS	71		
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