

Welding Technology Academic Degree Map

Associate of Applied Science



Year 1 – Fall Semester			
Course Code	Course Title	Credits	Notes
WLD 1001	Welding Safety	1	
WLD 1010	OSHA 10	1	
WLD 110	Welding Metallurgy	1	
WLD 1153	Blueprint Reading	3	
WLD 118	Discontinuities and Defects	1	
WLD 1303	Cutting Processes	3	
WLD 140	Intro to SMAW	3	Prerequisite(s): WLD 1010 OSHA 10 and WLD 1001 Welding Safety or WLD 100 Welding Safety/OSHA 10
WLD 150	Intro to GMAW	3	Prerequisite(s): WLD 1010 OSHA 10 and WLD 1001 Welding Safety or WLD 100 Welding Safety/OSHA 10
WLD 171	Intro to GTAW	3	Prerequisite(s): WLD 1010 OSHA 10 and WLD 1001 Welding Safety or WLD 100 Welding Safety/OSHA 10
EMP 1901	Global Employment Standards	1	
CREDIT HOURS SUBTOTAL		20	
Year 1 – Spring Semester			
Course Code	Course Title	Credits	Notes
WLD 116	Fabrication	1	Prerequisite(s): WLD 1001, WLD 1010, WLD 110, WLD 1153, WLD 118, WLD 1303, WLD 140, WLD 150, WLD 171 with a grade of “C” or higher
WLD 145	SMAW Advanced Structural	4	Prerequisite(s): WLD 1001, WLD 1010, WLD 110, WLD 1153, WLD 118, WLD 1303, WLD 140, WLD 150, WLD 171 with a grade of “C” or higher
WLD 155	GMAW Advanced	4	Prerequisite(s): WLD 1001, WLD 1010, WLD 110, WLD 1153, WLD 118, WLD 1303, WLD 140, WLD 150, WLD 171 with a grade of “C” or higher
WLD 1604	Flux Cored Arc Welding Structural	4	Prerequisite(s): WLD 1001, WLD 1010, WLD 110, WLD 1153, WLD 118, WLD 1303, WLD 140, WLD 150, WLD 171 with a grade of “C” or higher
WLD 165	SMAW/GTAW Pipe Welding	3	Prerequisite(s): WLD 1001, WLD 1010, WLD 110, WLD 1153, WLD 118, WLD 1303, WLD 140, WLD 150, WLD 171 with a grade of “C” or higher
WLD 1764	GTAW Advanced	4	Prerequisite(s): WLD 1001, WLD 1010, WLD 110, WLD 1153, WLD 118, WLD 1303, WLD 140, WLD 150, WLD 171 with a grade of “C” or higher Prerequisite(s): WLD 1010 OSHA 10 and WLD 1001 Welding Safety or WLD 100 Welding Safety/OSHA 10
WLD 190 OR WLD 199	Welding Project Management Occupational Work Experience	2	Prerequisite(s): WLD 1001, WLD 1010, WLD 110, WLD 1153, WLD 118, WLD 1303, WLD 140, WLD 150, WLD 171 with a grade of “C” or higher.
CREDIT HOURS SUBTOTAL		22	
TOTAL HOURS IN PROGRAM: 42			