

Title:	Welding Level 1							
Edition:	5th							
Pub Date:	2015							
Add. Instructor Require.:								
Prerequisite:	Core							
Previous Edition Exp. Date:	2020							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
					72.5	72.5	Core	*For SENSE -only basic math from Core
1	29101-09	29101-15	29101-09	No	2.5	5	Welding Safety	Moved oxyfuel sections to module 29102 / removed basic safety sections covered in core
2	29102-09	29102-15	29102-09	Yes	17.5	17.5	Oxyfuel Cutting	Added task for SENSE / Added section on cylinder storage & safety
3	29103-09	29103-15	29103-09	Yes	7.5	7.5	Plasma Arc Cutting	Added task for SENSE
4	29104-09	29104-15	29104-09	Yes	12.5	10	Air Carbon Arc Cutting and Gouging	
5	29105-09	29105-15	29105-09	Yes	12.5	12.5	Base Metal Preparation	Updated Performance Task / Added section on steel & stainless steel
6	29106-09	29106-15	29106-09	Yes	10	10	Weld Quality	Added info on additional welding organizations & API butt or fillet weld codes
7	29107-09	29107-15	29107-09	Yes	5	5	SMAW - Equipment and Setup	
8	29108-09	29108-15	29108-09	No	2.5	2.5	SMAW Electrodes	Formerly called Shielded Metal Arc Welding - Electrodes
9	29109-09	29109-15	29109-09	Yes	120	100	SMAW - Beads and Fillet Welds	Added a performance task
10	29110-09	29110-15	29110-09	Yes	5	5	Joint Fit-up and Alignment	
11	29111-09	29111-15	29111-09	Yes	30	50	SMAW - Groove Welds with Backing	
12	29112-09	29112-15	29112-09	Yes	80	60	SMAW - Open Root Groove Welds - Plate	Formerly called SMAW - Open V-Groove Welds
					Total Hours	357.5		

Color Highlight Legend

	= Lock-Down Module		= No Performance Test
	= New Module		= Equivalent Module
			= Deleted
			= Stackable Credential

Definitions:

Lock-Down Module: A module adopted 'as is' from another craft or an earlier edition of the same curriculum.

Equivalent Module: A module whose learning and performance outcomes match those of the newer editions and is therefore considered 'equivalent' in NCCER's Registry.

Title:	Welding Level 2							
Edition:	Fifth							
Pub Date:	2015							
Add. Instructor Require.:								
Prerequisite:								
Previous Edition Exp. Date:	2020							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
1	29201-09	29201-15	29201-09	Yes	5	5	Welding Symbols	
2	29202-09	29202-15	29202-09	Yes	10	10	Reading Welding Detail Drawings	Drawings will add metric measurements
3	29203-09	29203-15	29203-09	No	7.5	7.5	Physical Characteristics and Mechanical Properties of Metal	Added several trade terms
4	29204-09	29204-15	29204-09	Yes	5	5	Preheating and Postheating of Metals	Updated images
5	29205-09	29205-15	29205-09	Yes	10	10	GMAW and FCAW - Equipment and Filler Metals	Removed hand tools for cleaning & added information about contact tips and nozzles
6	29206-09	29209-15	No	Yes	80	60	GMAW - Plate	Split 29206-09 GMAW and FCAW - Plate
7	29206-09	29210-15	No	Yes	80	60	FCAW - Plate	Split 29206-09 GMAW and FCAW - Plate
8	29207-09	29207-15	29207-09	Yes	10	10	GTAW - Equipment and Filler Metals	
9	29208-09	29208-15	No	Yes	60	60	GTAW – Plate	Added section on GTAW-specific safety (vapors, ozone/nitrogen dioxide, UV ray exposure) / Updated performance task requirements
					Total Hours	227.5		

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Title:	Welding Level 3							
Edition:	5th							
Pub Date:	2016							
Add. Instructor Require:	None							
Prerequisite:	None							
Previous Edition Exp. Date:	2021							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
1	29301-10	29301-16	29301-10	Yes	100	100	SMAW - Open-Root Pipe Welds	
2	29302-10	29302-16	29302-10	Yes	60	60	GMAW - Pipe	
3	29303-10	29303-16	29303-10	Yes	60	60	FCAW - Pipe	
4	29304-10	29304-16	29304-10	Yes	80	80	GTAW - Carbon Steel Pipe	
5	29305-10	29305-16	29305-10	Yes	70	70	GTAW - Low Alloy and Stainless Steel Pipe	
6	29306-10	29306-16	29306-10	Yes	100	100	SMAW - Stainless Steel Plate and Pipe Groove Welds (Elective Hours)	Formerly called: SMAW - Stainless Steel Groove Welds
				Total Hours	470	470		

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			= Stackable Credential

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Title:	Welding Level 4							
Edition:	5th							
Pub Date:	2016							
Add. Instructor Require.:	None							
Prerequisite:	None							
Previous Edition Exp. Date:	2021							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
1	29401-10	29401-16	29401-10	Yes	30	30	GMAW - Aluminum Plate	
2	29404-10	29404-16	29404-10	Yes	50	50	GMAW - Aluminum Pipe	
3	29402-10	29402-16	29402-10	Yes	30	30	GTAW - Aluminum Plate	
4	29403-10	29403-16	29403-10	Yes	50	50	GTAW - Aluminum Pipe	
5		29405-16	None	Yes	0	12.5	Soldering and Brazing	New module
				Total Hours	160	172.5		

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