

Title:	Maritime Welding Level 1										
Pub Date:	2019										
Add. Instructor Require.:											
Prerequisite:	Maritime Industry Fundamentals										
Previous Edition Exp. Date:											
Book Module #	Old Mod ID #	New Mod ID #	New Version #	Equivalent Registry Module(s)	Performance Profile	Old Mod Hours	New Hours	Mod Name	Comments		
							100	Maritime Industry Fundamentals	Maritime Industry Fundamentals (<i>Core Curriculum</i> plus module 84101-13 <i>Introduction to the Maritime Industry</i>) is required for any level credential in this craft.		
1	-	29101	5.0	29101-15 29101-09	No	-	5	Welding Safety			
2	-	29102	5.0	29102-15 29102-09	Yes	-	17.5	Oxyfuel Cutting			
3	-	29103	5.0	29103-15 29103-09	Yes	-	7.5	Plasma Arc Cutting			
4	-	29104	5.0	29104-15 29104-09	Yes	-	10	Air Carbon Arc Cutting and Gouging			
5	-	29105	5.0	29105-15 29105-09	Yes	-	12.5	Base Metal Preparation			
6	-	29106	5.0	29106-15 29106-09	Yes	-	10	Weld Quality			
7	-	29107	5.0	29107-15 29107-09	Yes	-	5	SMAW - Equipment and Setup			
8	-	29108	5.0	29108-15 29108-09	No	-	2.5	SMAW Electrodes			
9	-	29109	5.0	29109-15 29109-09	Yes	-	100	SMAW - Beads and Fillet Welds			
10	-	29110	5.0	29110-15 29110-09	Yes	-	5	Joint Fit-up and Alignment			
Total Hours without Prerequisite							175				
Total Hours							275				

Color Highlight Legend

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

Registry Module Numbers:

(-EN) = English-language module numbers will have a (-EN) suffix in the NCCER Registry System
 (-ES) = Spanish-language module numbers will have a (-ES) suffix in the NCCER Registry System

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:	Maritime Welding Level 2									
Pub Date:	2019									
Add. Instructor Require.:										
Prerequisite:	Maritime Industry Fundamentals									
Previous Edition Exp. Date:										
Book Module #	Old Mod ID #	New Mod ID #	New Version #	Equivalent Registry Module(s)	Performance Profile	Old Mod Hours	New Hours	Mod Name	Comments	
							100	Maritime Industry Fundamentals	Maritime Industry Fundamentals (<i>Core Curriculum</i> plus module 84101-13 <i>Introduction to the Maritime Industry</i>) is required for any level credential in this craft.	
1	-	29201	5.0	29201-15 29201-09	Yes	-	5	Welding Symbols		
2	-	29202	5.0	29202-15 29202-09	Yes	-	10	Reading Welding Detail Drawings		
3	-	29111	5.0	29111-15 29111-09	Yes	-	50	SMAW - Groove Welds with Backing		
4	-	29112	5.0	29112-15 29112-09	Yes	-	60	SMAW - Open-Root Groove Welds		
5	-	29205	5.0	29205-15 29205-09	Yes	-	10	GMAW & FCAW - Equipment and Filler Metals		
6	-	29209	5.0	29209-15	Yes	-	60	GMAW - Plate		
7	-	29210	5.0	29210-15	Yes	-	60	FCAW - Plate		
8	-	29207	5.0	29207-15 29207-09	Yes	-	10	GTAW - Equipment and Filler Metals		
9	-	29208	5.0	29208-15	Yes	-	60	GTAW - Plate		
10		29203	5.0	29203-15 29203-09	No		7.5	Physical Characteristics/Mechanical Properties of Metal		
11	-	29204	5.0	29204-15 29204-09	Yes	-	5	Preheating and Postheating of Metals		
Total Hours without Prerequisite							337.5			
Total Hours							437.5			

Color Highlight Legend

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

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Title:	Maritime Welding Level 3									
Pub Date:	2019									
Add. Instructor Require.:										
Prerequisite:	Maritime Industry Fundamentals									
Previous Edition Exp. Date:										
Book Module #	Old Mod ID #	New Mod ID #	New Version #	Equivalent Registry Module(s)	Performance Profile	Old Mod Hours	New Hours	Mod Name	Comments	
							100	Maritime Industry Fundamentals	Maritime Industry Fundamentals (Core Curriculum plus module 84101-13 Introduction to the Maritime Industry) is required for any level credential in this craft.	
1	-	29301	5.0	29301-16 29301-10	Yes	-	100	SMAW - Open-Root Pipe Welds		
2	-	29302	5.0	29302-16 29302-10	Yes	-	60	GMAW - Pipe		
3	-	29303	5.0	29303-16 29303-10	Yes	-	60	FCAW - Pipe		
4	-	29304	5.0	29304-16 29304-10	Yes	-	80	GTAW - Carbon Steel Pipe		
5	-	29305	5.0	29305-16 29305-10	Yes	-	70	GTAW - Low Alloy and Stainless Steel Pipe		
6	-	29306	5.0	29306-16 29306-10	Yes	-	100	SMAW - Stainless Steel Plate and Pipe Groove Welds		
Total Hours without Prerequisite							470			
Total Hours							570			

Color Highlight Legend

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	= New Module		= Deleted
	= Equivalent Module		= Stackable Credential

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Definitions:

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