

Welding (2 year sequence)

	2) CONTENT STANDARD 2.0: IDENTIFY LAB ORGANIZATION AND SAFETY PROCEDURES
16	1) Performance Standard 2.1: Demonstrate General Lab Safety Rules and Procedures
4	2) Performance Standard 2.2: Identify and Utilize Hand Tools
3	3) Performance Standard 2.3: Identify and Utilize Power Tools and Equipment
	3) CONTENT STANDARD 3.0: APPLY FUNDAMENTAL PRINT READING, MEASUREMENT, AND
4	1) Performance Standard 3.1: Demonstrate Print Reading and Sketching Practices
10	2) Performance Standard 3.2: Demonstrate Measuring and Scaling Techniques
3	3) Performance Standard 3.3: Utilize Layout Principles and Practices
7	4) Performance Standard 3.4: Demonstrate Preparation and Fit-Up Practices
	4) CONTENT STANDARD 4.0: IDENTIFY PROPERTIES OF METALS
3	1) Performance Standard 4.1: Identify Material Properties
5	2) Performance Standard 4.2: Identify Filler Metals
	5) CONTENT STANDARD 5.0: APPLY SHIELDED METAL ARC WELDING (SMAW) TECHNIQUES
4	1) Performance Standard 5.1: Safety Procedures
6	2) Performance Standard 5.2: Procedure Welds Using SMAW on Carbon Steel
	6) CONTENT STANDARD 6.0: APPLY THERMAL CUTTING PROCESSES
9	1) Performance Standard 6.1: Demonstrate Oxy-Fuel Gas Cutting (OFC)
3	2) Performance Standard 6.2: Demonstrate Plasma Arc Cutting (PAC) on Carbon Steel and/or
	7) CONTENT STANDARD 7.0: APPLY FABRICATION FUNDAMENTALS
1	2) Performance Standard 7.2: Demonstrate Part Preparation with Cutting and Forming Techniques
4	3) Performance Standard 7.3: Demonstrate Fabrication Techniques
	8) CONTENT STANDARD 8.0: APPLY GAS METAL ARC WELDING (GMAW-S, GMAW) TECHNIQUES
4	1) Performance Standard 8.1: Utilize Safety Procedures
2	2) Performance Standard 8.2: Produce Welds Using GMAW-S on Carbon Steel
2	3) Performance Standard 8.3: Produce Welds Using GMAW (Spray Transfer) on Carbon Steel
	9) CONTENT STANDARD 9.0: APPLY FLUX CORED ARC WELDING (FCAW-G, FCAW-S0 TECHNIQUES
3	2) Performance Standard 9.2: Produce Welds Using FCAW-G on Carbon Steel
1	3) Performance Standard 9.3: Produce Welds Using FCAW-S on Carbon Steel
	10) CONTENT STANDARD 10.0: APPLY GAS TUNGSTEN ARC WELDING (GTAW) TECHNIQUES
4	2) Performance Standard 10.2: Produce Welds Using GTAW on Carbon Steel
2	3) Performance Standard 10.3: Produce Welds Using GTAW on Aluminum
100	Total Correlations