

Blueprint for Instruction and Assessment

Automotive Collision Repair

47.1600.30



Domain	Related Standards	Instructional Time
Domain 1 Non-Structural Analysis and Repairs	STANDARD 1.0 PERFORM NON-STRUCTURAL ANALYSIS AND DAMAGE REPAIR STANDARD 2.0 PERFORM OUTER BODY PANEL REPAIRS, REPLACEMENTS, AND ADJUSTMENTS STANDARD 3.0 PERFORM METAL FINISHING AND BODY FILLING STANDARD 4.0 DETERMINE MOVEABLE GLASS AND HARDWARE REQUIREMENTS	25 - 35%
Domain 2 Spray Equipment, Mix Match Paint, Paint Application, and Final Detail	STANDARD 8.0 PERFORM SPRAY GUN AND RELATED EQUIPMENT OPERATION STANDARD 9.0 PERFORM PAINT MIXING, MATCHING, AND APPLYING PROCEDURES STANDARD 10.0 DETERMINE PAINT DEFECTS, CAUSES, AND CURES STANDARD 11.0 PERFORM FINAL PAINTING AND REFINISHING DETAIL	25 - 35%
Domain 3 Plastic Repairs, Surface Prep, and Welding/Cutting	STANDARD 5.0 PERFORM PLASTICS, ADHESIVES, AND WELDING REPARABILITY STANDARD 7.0 PERFORM SURFACE PREPARATION FOR PAINTING AND REFINISHING STANDARD 16.0 PERFORM METAL WELDING AND CUTTING	10 - 15%
Domain 4 Safety and Vehicle Construction	STANDARD 6.0 APPLY SAFETY PRECAUTIONS WHEN PAINTING AND REFINISHING STANDARD 12.0 PERFORM DAMAGE ANALYSIS STANDARD 13.0 PERFORM ESTIMATION STANDARD 14.0 DETERMINE VEHICLE CONSTRUCTION AND PARTS IDENTIFICATION	10 - 15%
Domain 5 Customer Service	STANDARD 15.0 PERFORM CUSTOMER RELATIONS AND SELLING SKILLS	5 - 10%

Content domains are bodies of knowledge and skills to be taught and assessed. They illustrate the relationship among technical standards, instructional time, and student success on the Technical Skills Assessment. This blueprint corresponds with the Technical Standards endorsed on July 28, 2021.

