

Blueprint for Instruction and Assessment

Automotive Collision Repair

47.0603.00



Domain	Related Standards	Instructional Time
Domain 1 Safety and Surface Preparation	STANDARD 3.0 PERFORM METAL FINISHING AND BODY FILLING STANDARD 6.0 APPLY SAFETY PRECAUTIONS WHEN PAINTING AND REFINISHING STANDARD 7.0 PERFORM SURFACE PREPARATION FOR PAINTING AND REFINISHING	40 - 50%
Domain 2 Non-Structural Repair and Analysis	STANDARD 1.0 PERFORM NON-STRUCTURAL ANALYSIS AND DAMAGE REPAIR STANDARD 2.0 PERFORM OUTER BODY PANEL REPAIRS, REPLACEMENTS, AND ADJUSTMENTS STANDARD 11.0 DETERMINE VEHICLE CONSTRUCTION AND PARTS IDENTIFICATION	25 - 30%
Domain 3 Plastic Repair, Spray Equipment, and Moveable Glass	STANDARD 4.0 DETERMINE MOVEABLE GLASS AND HARDWARE REQUIREMENTS STANDARD 5.0 PERFORM PLASTICS, ADHESIVES, AND WELDING REPARABILITY STANDARD 8.0 PERFORM SPRAY GUN AND RELATED EQUIPMENT OPERATION	10 - 15%
Domain 4 Damage Analysis, Estimation, and Mechanical and Electrical Repairs	STANDARD 9.0 PERFORM DAMAGE ANALYSIS STANDARD 10.0 PERFORM ESTIMATION STANDARD 12.0 PERFORM MECHANICAL AND ELECTRICAL COMPONENT OPERATIONS FOR SUSPENSION AND STEERING, FUEL INTAKE, AND EXHAUST SYSTEMS	10 - 15%

Content domains are knowledge, skills, and abilities 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 January 24, 2024.

