

Blueprint for Instruction and Assessment

Automotive Technologies

47.0600.20



Domain	Related Standards	Instructional Time
Domain 1 Chassis Systems	STANDARD 4.0 PERFORM SUSPENSION AND STEERING SYSTEM SERVICES—GENERAL STANDARD 5.0 PERFORM BRAKE SYSTEM SERVICES—GENERAL	30 - 35%
Domain 2 Electrical Systems and Safety	STANDARD 6.0 PERFORM ELECTRICAL/ELECTRONIC SYSTEM SERVICES—GENERAL STANDARD 9.0 PERFORM AUTOMOTIVE SHOP AND SAFETY TASKS	30 - 35%
Domain 3 Engine Performance Systems and HVAC	STANDARD 1.0 PERFORM ENGINE SERVICES—GENERAL STANDARD 7.0 PERFORM HEATING, VENTILATION AND AIR CONDITIONING (HVAC) SYSTEM SERVICES—GENERAL STANDARD 8.0 PERFORM ENGINE PERFORMANCE SERVICES – GENERAL	20 - 25%
Domain 4 Transmissions and Drive Trains	STANDARD 2.0 PERFORM AUTOMATIC TRANSMISSION AND TRANSAXLE SERVICES—GENERAL STANDARD 3.0 PERFORM MANUAL DRIVE TRAIN AND AXLE SERVICES—DRIVE SHAFT, HALF SHAFTS, UNIVERSAL JOINTS AND CONSTANT VELOCITY (CV) JOINTS (FRONT, REAR, ALL WHEEL AND 4-WHEEL DRIVE)	10 - 15%

Content domains are bodies of knowledge, skills, or 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 May 25, 2022.

