



Automotive Technologies 2 (AUT200) Semester 2 Final Assessment Blueprint

Year Created: 2024-2025

Subject: Career & Technical Education

Method of Delivery: Online

Administration Window: May Common Finals

Item Types Included

Type	Number of Items	Description
MC	50	Multiple Choice - Select one answer

Resources

[Automotive Technologies Course Sequence](#)

Standards At-A Glance

Standard	Number of Items	Standard Description
CTE [2019].MANU.9-12.AT.8.8	1	Describe the removal and replacement of spark plugs and the inspection of secondary ignition components for wear and damage
CTE [2022].MANU.9-12.AT.1.10	2	Explain the components and configuration of the cylinder head and valve train
CTE [2022].MANU.9-12.AT.1.12	6	Explain the function of lubrication and cooling system components and configurations
CTE [2022].MANU.9-12.AT.1.14	2	Perform cooling system pressure test to identify leaks; check coolant condition and level; inspect and test pressure cap; determine necessary action
CTE [2022].MANU.9-12.AT.1.17	1	Inspect and test coolant; drain and recover coolant; flush and refill cooling system; use proper fluid type per manufacturer specification; bleed air as required
CTE [2022].MANU.9-12.AT.1.3	4	Retrieve and record DTCs, OBD monitor status, and freeze frame data; clear codes and data when directed
CTE [2022].MANU.9-12.AT.2.5	4	Inspect transmission fluid condition and level, and check for leaks in a transmission or a transaxle equipped with a dipstick
CTE [2022].MANU.9-12.AT.3.3	2	Describe manual drive train components and configuration
CTE [2022].MANU.9-12.AT.3.5	1	Check fluid condition; check for leaks
CTE [2022].MANU.9-12.AT.3.6	1	Drain and refill manual transmission/transaxle; use proper fluid type per manufacturer specification
CTE [2022].MANU.9-12.AT.4.13	1	Inspect tie rod ends (sockets), tie rod sleeves, and clamps (non-rack and pinion)
CTE [2022].MANU.9-12.AT.4.14	1	Describe an electric power steering system
CTE [2022].MANU.9-12.AT.4.15	1	Inspect upper and lower control arms, bushings, and shafts
CTE [2022].MANU.9-12.AT.4.22	1	Inspect, remove and/or replace strut assembly, strut coil spring, insulators, and upper strut bearing mount
CTE [2022].MANU.9-12.AT.4.23	1	Inspect suspension system leaf spring(s), spring insulators (silencers), shackles, brackets, bushings, center pins/bolts, and mounts
CTE [2022].MANU.9-12.AT.4.25	3	Inspect, remove, and/or replace shock absorbers; inspect mounts and bushings
CTE [2022].MANU.9-12.AT.4.3	5	Describe suspension and steering system components and configurations
CTE [2022].MANU.9-12.AT.4.7	1	Inspect power steering fluid level and condition
CTE [2022].MANU.9-12.AT.8.10	1	Explain fuel filter(s) replacement(s) where applicable
CTE [2022].MANU.9-12.AT.8.3	3	Retrieve and record DTCs, OBD monitor status, and freeze frame data; clear codes and data when directed
CTE [2022].MANU.9-12.AT.8.4	3	Demonstrate understanding of proper engine cooling system operation
CTE [2022].MANU.9-12.AT.8.5	1	Describe camshaft timing including engines equipped with variable valve timing (VVT) and/or variable lift systems
CTE [2022].MANU.9-12.AT.8.7	2	Explain ignition system components and configurations
CTE [2022].MANU.9-12.AT.8.8	2	Describe the removal and replacement of spark plugs and the inspection of secondary ignition components for wear and damage

*Some items may be tagged to more than one standard.