

# UTAH CTE SKILL CERTIFICATE

## INTRODUCTION TO AUTOMOTIVE STUDENT PERFORMANCE EVALUATION

### TEST #505

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Comment [US1]:

Student Name: \_\_\_\_\_

The performance evaluation is a required component of the Skill Certification process. Each student **must be evaluated** on the required performance standards. Performance standards may be completed and **evaluated anytime during the course**.

- Students should be aware of their progress throughout the course, so that they can concentrate on the objectives that need improvement.
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a number 1 or 2 on the rating scale (moderately to highly competent level).
  - 1= highly competent      Successfully demonstrated without supervision
  - 2= moderately competent      Successfully demonstrated with limited supervision
  - 3= limited competence      Demonstrated with close supervision
  - 4= not competent      Demonstration requires direct instruction and supervision
- When a standard has been achieved at a minimum of 80% (moderately to highly competent level). "Y" (Y=YES) is recorded on the last line of that standard, on the performance evaluation sheet. If a student does not achieve a 1 or a 2 (moderately to highly competent level), then "N" (N=NO) is recorded on the last line of that standard.
- All performance standards **MUST** be completed and evaluated prior to the written test.
- The **teacher** will bubble in "A" on the answer sheet for item #81 for students who have achieved "Y" on **ALL** performance standards.
- The **teacher** will bubble in "B" on the answer sheet for item #81 for students who have **ONE or more** "N's" on the performance standards.
- The signed performance evaluation sheet(s) **MUST** be kept in the teachers' file for two years.
- A copy is also kept on file with the school's ATE Skill Certification testing coordinator for two years.

Students who achieve a 1 or a 2 (moderately to highly competent) on **ALL** performance standards and 80% on the written test will be issued an ATE Skill Certificate.

<b>470604-01 Students will be able to understand general shop safety</b>	1	2	3	4
<input type="checkbox"/> Pass the safety test with a score of 100%.				
<input type="checkbox"/> Comply with safety rules for working with automotive chemicals (MSDS). Identify the different types and hazards of solvents used in automotive.				
<input type="checkbox"/> Identify the gasses encountered in the automotive field and the hazards they present.				
<input type="checkbox"/> Identify the hazards and control of asbestos dust.				

<b>470604-02 Students will be able to understand basic hand tools, fasteners, and shop equipment.</b>	1	2	3	4
<input type="checkbox"/> Identify and measure metric and standard fasteners.				
<input type="checkbox"/> Correctly identify and use basic hand tools.				
<input type="checkbox"/> Identify and demonstrate use of basic measuring tools (accurate to 1/32" or 1mm).				
<input type="checkbox"/> Use reference manuals or information systems to find procedures and specifications.				
<input type="checkbox"/> Properly raise and support vehicles using jack stands and a frame contact hoist.				

<b>470604-03 Students will be able to understand proper techniques in removal and installation of tires and wheels.</b>	1	2	3	4
<input type="checkbox"/> Inspect tires for abnormal wear; proper inflation; and mechanical problems (no specific angles).				
<input type="checkbox"/> Remove a tire from a wheel using the proper equipment, techniques, and safety precautions.				
<input type="checkbox"/> Properly rotate tires and reinstall using proper torque procedures.				
<input type="checkbox"/> Use a tire balancer to balance tires of a vehicle using proper procedures.				
<input type="checkbox"/> Locate a leak. Identify proper repair procedures.				
<input type="checkbox"/> Interpret tire sidewall markings: size, inflation, load.				

<b>470604-04 Students will be able to identify and perform basic services on a vehicle.</b>	1	2	3	4
<input type="checkbox"/> Locate and identify basic automotive parts and functions: engine, drive train, brake, steering and suspension, and electrical parts.				
<input type="checkbox"/> Based on the manufacture's specifications, check and adjust all vehicle fluid levels.				
<input type="checkbox"/> Change engine oil and filter on a vehicle. Use proper disposal methods for waste oil.				
<input type="checkbox"/> With a voltmeter, check battery voltage with the engine running and with the engine off.				
<input type="checkbox"/> Check shocks or struts for leakage and proper operation.				
<input type="checkbox"/> Understand the four stroke cycle.				
<input type="checkbox"/> Check brakes.				
<input type="checkbox"/> Check lights and replace a light bulb.				
<input type="checkbox"/> Correctly identify a vehicle.				

<b>470604-05 Students will be able to identify basic emission components. (Optional)</b>	1	2	3	4
<input type="checkbox"/> Identify common emission components.				
<input type="checkbox"/> Run an emission test on a vehicle.				

470604-06 Students will be able to solve basic mathematical equations related to automotive.				
	1	2	3	4
<input type="checkbox"/>	Solve addition, subtraction, multiplication, and division of whole number problems with two- and three-digits.			
<input type="checkbox"/>	Solve addition subtraction, multiplication, and division of fraction problems.			
<input type="checkbox"/>	Solve addition subtraction, multiplication, and division of decimal problems with two- and three-digits.			
<input type="checkbox"/>	Solve fraction-to-decimal conversion problems.			
<input type="checkbox"/>	Solve decimal-to-fraction conversion problems.			
<input type="checkbox"/>	Solve decimal-to-percent conversion problems.			
<input type="checkbox"/>	Solve percent-to-decimal conversion problems.			
<input type="checkbox"/>	Solve basic ratio-to-proportion problems.			
<input type="checkbox"/>	Solve basic linear-measurement problems.			

470604-07 Students will be able to identify and properly perform a vehicle inspection. (Optional)				
	1	2	3	4
<input type="checkbox"/>	Check for registration.			
<input type="checkbox"/>	Inspect vehicle tires and wheels for excessive wear, damage, mismatched sizes, and improper mounting and illegal studs.			
<input type="checkbox"/>	Inspect vehicle steering and suspension assemblies for excessive wear, damage, missing parts, and improper functioning.			
<input type="checkbox"/>	Inspect altered vehicles to confirm that they conform to required tolerances for raised and lowered suspension and other changes.			
<input type="checkbox"/>	Using a brake plate or visual method, inspect vehicle brake systems for excessive wear, damage, missing parts, improper functioning, and other related safety hazards.			
<input type="checkbox"/>	Inspect vehicle windshield and other glass for excessive damage, breakage, inadequate movement, and unsafe alterations.			
<input type="checkbox"/>	Inspect vehicle headlights and auxiliary lights for correct aiming; inspect headlights, auxiliary lights, tail lights, brake lights, turn signals, and other lights for malfunction, damage, or other unsafe conditions.			
<input type="checkbox"/>	Inspect vehicle windshield wipers, windshield washers, windshield defroster, horn, speedometer, odometer, and automatic transmission/starter interlock for damage or malfunction.			
<input type="checkbox"/>	Inspect vehicle body, frame, motor mounts, fenders, bumpers, floor pan, doors, hood, seats, exterior mirrors, interior mirrors, and seat belts for excessive damage, illegal configuration, missing parts, and malfunction of mechanical assemblies.			
<input type="checkbox"/>	Inspect vehicle exhaust systems for excessive wear, damage, malfunction, and illegal configuration.			
<input type="checkbox"/>	Inspect vehicle fuel systems for damage, malfunction, or leakage.			
<input type="checkbox"/>	Inspect "Sand" or "Dune" buggies to meet regular passenger car requirements. Inspect street rods and other modified vehicles to meet minimum equipment and safety requirements for limited use on public highways.			

470604-08 Students will be able to understand the importance of employability and work habits.				
	1	2	3	4
<input type="checkbox"/>	Integrity			
<input type="checkbox"/>	Punctuality			
<input type="checkbox"/>	Staying on task			
<input type="checkbox"/>	Productive team worker			
<input type="checkbox"/>	Leadership			

**The instructor must retain a copy of this Student Performance Evaluation for two years after the student has left the program.**

Instructor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date : \_\_\_\_\_

School: \_\_\_\_\_