

SkillsUSA Tennessee PS Virtual Interview Contest Automotive Technician

SkillsUSA is focused on preparing students for career success. With the changes in our world, it is now more important than ever that you know not only how to interview for your future career, but how to do it in a virtual format.

Starting in summer 2020, SkillsUSA Tennessee Postsecondary is hosting statewide Virtual Interview Contests in all industry sectors!

Virtual Interview Contest Process:

Step #1: All chapters will receive “*How to Prepare for Virtual Interviews*” training packet created by the SkillsUSA Tennessee PS State Director

Step #2: Students practice virtual interviewing skills with their instructor. Create a professional resume geared towards the job description included. Participate in a virtual in-class competition to determine top 3 overall students in their program area.

Step #3 The top 3 students from each program submit their recorded virtual skills demonstration interviews and their professional resumes to the state director to be judged by industry professionals.

**Scenarios and detailed instructions are included in this packet*

Step #4 The Top 10 finalists from each sector will be notified of their scheduled time to interview in using *Microsoft Teams* with a panel of industry professionals from their sector. Interviews will be recorded, and once all are scored the overall winners will be awarded Gold, Silver, and Bronze medals.



Automotive Technician

Job Summary and Responsibilities:

Automotive brake technicians inspect, maintain, diagnose and repair braking, steering and suspension systems as well as wheels and tire s.

Required Competencies:

Occupational Competencies

- **Automotive diagnostic equipment:** Use diagnostic equipment to perform test on motor vehicles, components and systems to detect defects.
- **Technical documentation:** Understand and use technical documentation in the overall technical process.
- **Health and safety standards:** Adhere to standards of hygiene and safety established by respective authorities.
- **Automotive diagnostic equipment:** Familiarity with the equipment used to examine automotive systems and components.
- **Mechanics of motor vehicles:** Knowledge of the way energy forces interact and affect components in motor vehicles such as cars, buses, invalid carriages and other motorized vehicles.
- **Mechanics:** Experience with theoretical and practical applications of the science studying the action of displacements and forces on physical bodies to the development of machinery and mechanical devices.

Foundational Competencies

- **Repairing:** Repairing machines or systems using the needed tools.
- **Troubleshooting:** Determining causes of operating errors and deciding what to do about it.
- **Operation and Control:** Controlling operations of equipment or systems.
- **Critical Thinking:** Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- **Judgment and Decision Making:** Considering the relative costs and benefits of potential actions to choose the most appropriate one.
- **Operation Monitoring:** Watching gauges, dials, or other indicators to make sure a machine is working properly.
- **Active Listening:** Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- **Equipment Maintenance:** Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
- **Active Learning:** Understanding the implications of new information for both current and future problem-solving and decision-making.
- **Complex Problem Solving:** Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

Example Activities:

- Inspect vehicles for damage and record findings so that necessary repairs can be made.
- Estimate costs of vehicle repair.
- Troubleshoot fuel, ignition, and emissions control systems, using electronic testing equipment.
- Repair, overhaul, or adjust automobile brake systems.
- Test electronic computer components in automobiles to ensure proper operation.
- Repair or replace defective ball joint suspensions, brake shoes, or wheel bearings.
- Align wheels, axles, frames, torsion bars, and steering mechanisms of automobiles, using special alignment equipment and wheel-balancing machines.
- Tune automobile engines to ensure proper and efficient functioning.

Pre-Recorded Skills Demonstration Scenario

Automotive Technician

For this portion of the virtual interview contest, you are to record yourself responding to the following scenario. You may choose to use props, but they are not required. You will be scored on your ability to communicate the process clearly, and to demonstrate your knowledge of the technical skill.

Scenario:

You work as an Automotive Technician for McBride Motors. Today, a customer named Mary comes in with her 2011 Toyota Rav4 and she tells you her check engine light is on and she doesn't know what to do.

Go through the process of what steps you will take to diagnose the problem as well as communicate your findings and cost of repair to Mary.

**You have the freedom to determine the cause of the check engine light for your recording*



Skills Demonstration Scenario	Possible Points	Points Earned	Notes
Professional Appearance/Grooming	5		
Virtual Setting: Backdrop, Lighting, Audio, Technical Quality, No Distractions	5		
Eye Contact/Body Language	5		
Demonstration of technical skill/knowledge	15		
Verbal communication skills/clarity	10		
Overall Impression	10		
Total	50		
Virtual Interview	Possible Points	Points Earned	Notes
Greeting and Introduction	5		
Professional Appearance/Grooming	5		
Eye Contact/Body Language	5		
Demonstration of knowledge of the position and technical skills required for the job	10		
Verbal Communication Skills/Clarity	5		
Presentation: Self-Confidence, Persuasiveness	5		
Preparation: Knowledge of Position Applied for and Personal History	5		
Overall Impression	10		
Total	50		
Resume	Possible Points	Points Earned	Notes
Personal Information: Name, address, phone & email	1		
Skills:	2		
Education: Include program of study/Major	2		
Employment: And/or volunteer work or list NA	1		
Activities, Awards and Honors: Should include SkillsUSA membership/activities	2		
References: Or references available upon request	1		
Spelling, Punctuation & Grammar	1		
Total	10		
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