

# 2022 TENNESSEE TECHNICIAN SKILLS COMPETITION



Sponsored by the  
Maintenance Council

## April 14th, 2022

James E. Ward Agricultural & Community Center

### DEADLINE TO REGISTER APRIL 11, 2022

#### GENERAL INFORMATION

TTA's Technician Skills Competition is an annual event designed to measure thorough knowledge of medium and heavy duty commercial vehicles, including both theory and practical application. The contest consists of a written test and hands-on testing. All tools, manuals and equipment necessary are provided.

#### GENERAL RULES

- Competition is open to any technician that is employed by a TTA member company.
- We are opening our competition up to members that live in a State surrounding TN, that **does not** have a **skills competition**. This competitor is only allowed to compete in one State Championship. This competitor's Company must have a terminal in that State.
- All competitors must register on the enclosed forms by **April 11, 2022.**
- TSC registration will close after the first 60 entries are received.

#### SAFETY INFORMATION

- All competitors must wear appropriate long pants and work shoes meeting accepted safety standards. All other safety-related items will be provided.
- Safety glasses with side shields (provided) must be worn at all times during the hands-on skills challenge.
- Standard shop safety procedures must be followed at all times.
- All spills must be cleaned up immediately.
- Any accident or injury must be reported to the section judge.

#### COMPETITION DATE: APRIL 14, 2022

Competitors will meet Thursday morning at 7:00 AM April 14, 2022 in the EXPO CENTER for overview and schedule of events. Roll call will be promptly at 7:15 am on Thursday, April 14, 2022. Competition will begin at 7:30 am.

#### COMPETITION LOCATION: FARM BUREAU EXPO CENTER

945 Baddour Parkway, Lebanon, TN 37087. Directions: 1-40 East to exit 239B OR I-40 West to exit 239, right onto Hwy 70 Bypass, approximately 1 mile to Ag Center. Turn right into fairgrounds at the Main Entrance.

TTA recommendations for Hotels averaging \$100.00 per night. **Avid Hotel, 120 Willard Hagar Dr., Lebanon, TN; Fairfield Inn & Suites, 1145 Franklin Road, Lebanon; & Hampton Inn, 1065 Franklin Road, Lebanon.**

**ENTRY FEE: \$125.00** (Lunch provided with each registration) Deadline to Enter April 11, 2022. No refunds after April 11, 2022. Send to: TTA, 4531 Trousdale Drive, Nashville, TN 37204. FAX 615-777-2024 or email to [dengland@tntrucking.org](mailto:dengland@tntrucking.org).

**QUESTIONS? CALL US AT 615-777-2882!**

# SCHEDULE OF EVENTS

## TENTATIVE

Thursday, April 14, 2022

Registration & Overview 7:00-7:15 am

Roll Call 7:15 am

Competition Begins 7:30 am

### Group 1

Sign in/roll call	7:00-7:25am
Skill station 1	7:30-7:55am
Skill station 2	8:00-8:25am
Skill station 3	8:30-8:55am
Skill station 4	9:00-9:25am
Skill station 5	9:30-9:55am
Skill station 6	10:00-10:25am
Skill station 7	10:30-10:55am
Skill station 8	11:00-11:25am
Lunch	11:30-12:25pm
Written test	12:30-2:25pm
Awards	2:30-3:00pm

### Group 2

Sign in/roll call	7:00-7:25am
Written test	7:30-9:25am
Skill station 1	9:30-9:55am
Skill station 2	10:00-10:25am
Skill station 3	10:30-10:55am
Skill station 4	11:00-11:25am
Lunch	11:30-12:25pm
Skill station 5	12:30-12:55pm
Skill station 6	1:00-1:25pm
Skill station 7	1:30-1:55pm
Skill station 8	2:00-2:25pm
Awards	2:30-3:00pm

### Group 3

Sign in/roll call	7:00-7:25am
Skill station 5	7:30-7:55am
Skill station 6	8:00-8:25am
Skill station 7	8:30-8:55am
Skill station 8	9:00-9:25am
Written test	9:30-11:25am
Lunch	11:30-12:25pm
Skill station 1	12:30-12:55pm
Skill station 2	1:00-1:25pm
Skill station 3	1:30-1:55pm
Skill station 4	2:00-2:25pm
Awards	2:30-3:00pm

Hands on area will be closed Thursday from 11:30 until 12:25 PM for lunch. No contestants allowed in the contest area during this time. Lunch will be provided.

## SCORING

Judge's scores will reflect an assessment of technical skills and knowledge, accuracy, and quality of workmanship. Scoring of each individual workstation will be based on 100 points and count for 11.11 percent of the final competition score. Judges will consist of recognized experts within each competition category.

## SKILL STATION GUIDELINES

Contestants will have 25 minutes at each station and 5 minutes between sessions to move to the next station and receive orientation on that task.

1. **Service Information:** Demonstrate ability to retrieve service information from current accepted industry sources.
2. **Electrical:** Troubleshoot, service and repair of electrical systems including charging, lighting and cranking systems.
3. **Driveline:** Troubleshoot, service and repair drive train units including transmission, clutch, carriers, torque converters and drivelines.
4. **Fasteners:** To identify and troubleshoot various types of fasteners used on a class 8 vehicle. Remove and replace as needed.
5. **Suspension:** Identify and troubleshoot various failures related to suspension systems on class 8 vehicles.
6. **Preventive Maintenance Inspection (PMI):** Demonstrate ability to perform preventive maintenance check procedures.
7. **Fifth Wheel:** Troubleshoot and identify faults in fifth wheel systems.
8. **Engine:** Troubleshoot, service and repair engine induction, fuel, exhaust and after treatment systems.
9. **Written Test:** Provided by the Professional Technician Development Committee of the American Trucking Association's Technology and Maintenance Council.

*Communication between contestants and spectators outside of the immediate skills station area is prohibited. Spectators are to be in viewing area outside of the skill station. Only authorized individuals may enter individual skill station.*

## CONTESTANTS WITH SPECIAL NEEDS

Every effort will be made to accommodate contestants with special needs. These needs must be identified on the competition entry and release form.

## AWARDS

Cash, along with other prizes, will be awarded for the top score in each category including the written test, as well as a Grand Champion.



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# 2022 Tennessee Technician Skills Competition

## Entry and Release Form



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### SEND ENTRY FORM AND PAYMENT TO:

Tennessee Trucking Association, 4531 Trousdale Drive, Nashville, TN 37204 or FAX to 615-777-2024

#### REGISTRATION INFORMATION

Contestant's Name \_\_\_\_\_

Company Name \_\_\_\_\_ Contact \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_ E-mail \_\_\_\_\_

#### ORDER INFORMATION Each contestant receives one (1) lunch with his/her entry.

Number of contestants entered (TTA Member Company) \_\_\_\_\_ x \$125.00 each = \$ \_\_\_\_\_

Number of additional Lunches for Non-Contestants \_\_\_\_\_ x \$10.00 each = \$ \_\_\_\_\_

**Total Amount Due** \$ \_\_\_\_\_

#### PAYMENT INFORMATION

Check enclosed. Please charge my:  Visa  MasterCard  AMEX

Credit Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_

SEC Code: AMEX (4 digits on front) \_\_\_\_\_ SEC Code: MC & Visa (3 digits on back) \_\_\_\_\_

Printed Name on Card: \_\_\_\_\_ Company Name: \_\_\_\_\_

Billing Address for Credit Card Above: \_\_\_\_\_

#### AGREEMENT AND RELEASE

In consideration of being permitted to participate in the TTA Technician Skills Competition and be eligible for awards offered, participants hereby stipulate and agree to the following:

1. Contestant acknowledges that he or she is not in the employ of Tennessee Trucking Association (TTA).
2. Both as to himself or herself and his or her heirs and personal representatives, Contestant releases TTA, its directors, employees, agents and/or any of its affiliates from any and all liability and any right of action that may arise from any damage or injury which may be received while attending or participating in said "Technician Skills Contest".
3. Contestant grants TTA and its designated agencies exclusive rights to make use of information about himself or herself, along with photographs subsequently taken under direction, in publicity and advertising activities. Contestant further agrees to make himself or herself available for publicity enterprises arranged by TTA, with newspaper/magazine/media writers and radio and television personnel.
4. Contestant will be bound by all orders, rules and regulations governing "TTA Technician Skills Contest" while participating in said competition.

Signature \_\_\_\_\_ Date \_\_\_\_\_

