

General Information 2022

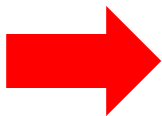
The 2022 NAPTA Troubleshooting Skills Competition (TSC) is a two-round competition:

- Open Round
- Championship Round

Up to Forty (40) Teams from NAPTA member colleges from across the country compete in the Open Round on Friday, April 22, 2022.

All registered teams will travel to the host school to compete using a PC-based dynamic process simulator.

- The TSC V Open and Championship Round Competition will be hosted by San Jacinto College in Pasadena, Texas on April 21st – 23rd, 2022.
- Registration will open on December 2, 2021, and close on March 11, 2022.
- Registration is limited to two (2) teams per college.
- Registration is on a first come, first-served basis. The email date and time stamp will be used to validate your registration entry.
- Team names do not need to be submitted at the time of registration.
- Team member names do not need to be submitted at the time of registration.



Team names and team member names must be submitted no later than 6:00 P.M. Central time on Friday March 11, 2022. Each college may place two (2) teams in the Open Round. Two teams from the same college may advance to the Championship Round based on the highest ten (10) team scores of all participating teams.

Review the Team Composition and Selection process described below.

Team Composition and Selection

- A team will consist of four (4) students: one team captain and three team members.
 - Teams **CAN** compete with only three (3) members on the day of the event if a member is unable to participate and no alternate is available to complete the team.
- An alternate **CAN** be designated for each team.
 - Their name must be submitted with the team member names, and they must meet the same criteria to compete with the team.



General Information 2022

- Coaches/instructors have discretion of team member selection to meet the student qualification criteria listed below.

Student Qualifications

- Must be currently enrolled in the Process Technology program
- May be enrolled on a full or part-time basis
- Cannot be employed now or in the past in industry as an operator
- Students serving as co-ops or interns are acceptable
- Students employed as an apprentice operator are not acceptable

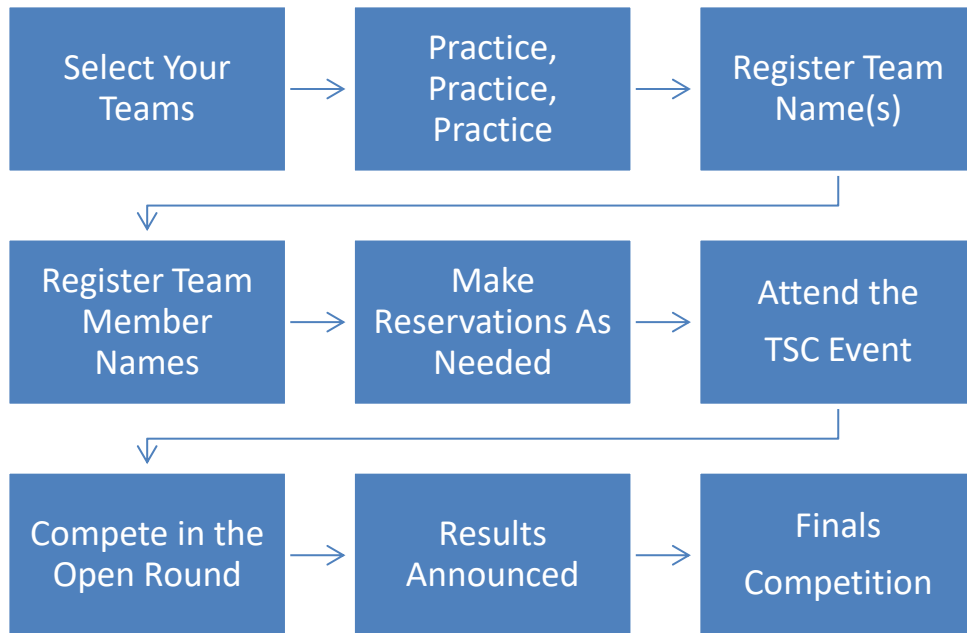
Opening Round Format

Competitors will use a PC-based dynamic process simulator. The contest Final Round will include an exercise that simulates outside operator responsibilities.

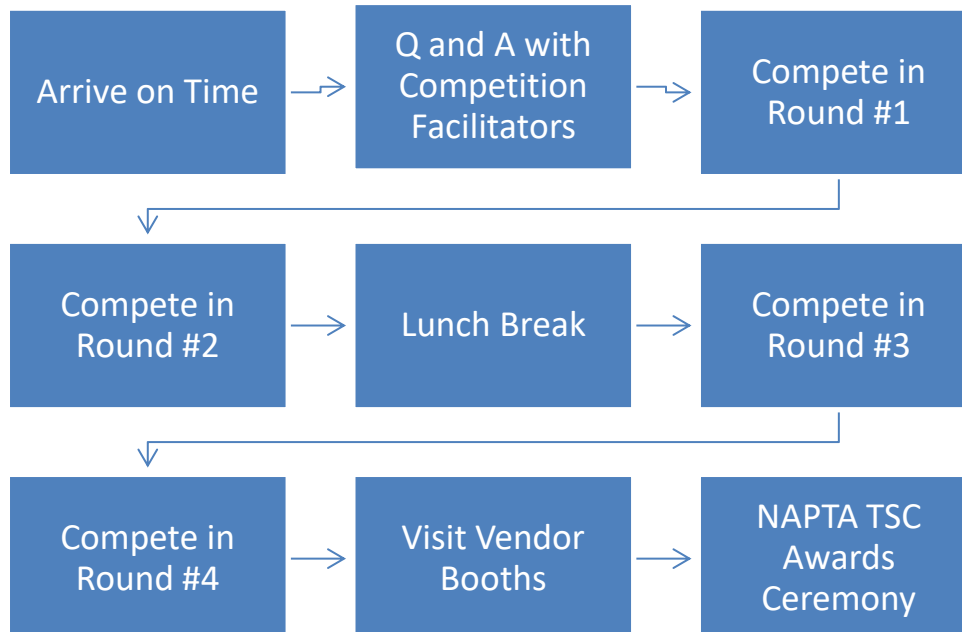
- There are two timed scenarios in the Open Round.
- One half the teams will compete during the morning on April 22nd. The remaining teams will compete during the afternoon on April 22nd.
- Teams not participating in the Open Round will attend activities that enhance their opportunity to obtain a position in industry working as a Process Technician.

General Information 2022

Opening Round Process



Championship Round Process





General Information 2022

Open and Championship Round Format

- All travel expenses over and above the \$500 hotel stipend award are the responsibility of the teams. **The travel stipend applies to those colleges with travel distance that is greater than a 50-mile radius from the competition site, San Jacinto College CPET Center, to the competing college's campus.**
- If a team is unable to completely cover travel costs, the team must relinquish its position at the TSC Championship event – Please begin your fundraising efforts now!
- Up to forty teams will compete in an Open Round of competition on Friday, April 22, to determine the ten Finalist teams.
- Alternates will not attend the two-day Championship Competition event unless participating as a regular team member.
- Ten teams will compete in the Championship Round Saturday, April 23, to determine the 1st through 3rd place teams.
- Non-Finalist teams will participate in activities designed to enhance his/her opportunity for employment.
- Students will compete in live simulation-based exercises.
- Rounds will be timed.
- The cumulative score from all rounds will determine the 1st – 10th place teams.
- The awards ceremony and the announcement of the top three highest scorers will take place during the NAPTA TSC Awards Banquet being held Saturday evening at 6:00 PM.

For information about registration, contact Martha McKinley at
troubleshooting@naptaonline.org or 903.452.8511