



General Information Troubleshooting Skills Competition 2023

The 2023 NAPTA Troubleshooting Skills Competition (TSC) is a two-round competition:

- Qualifying Round (Virtual from your home campus)
- Championship Round (In-person)

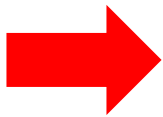
Unlimited number of member colleges may participate in the Qualifying Round.

An unlimited number of teams from each registered member college can participate in the Qualifying Round.

Twelve (12) teams will advance based on their scores. No more than two (2) teams from any college will advance to the Championship Competition.

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

- The TSC VI Championship Round will be hosted by San Jacinto College in Pasadena, Texas on April 21st and 22nd, 2023.
- Registration will open on November 1, 2022, and close on March 1, 2023.
- Registration is unlimited for teams wishing to participate in the Qualifying Round.
- 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 1, 2023. A maximum of two teams from the same college may advance to the Championship Round based on the highest twelve (12) team scores of all participating teams.



General Information

Troubleshooting Skills Competition 2023

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 **the designated alternate is NOT available** to complete with the team.
- An alternate **MUST** 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.
- 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

Qualifying Round Format

Teams will compete using a web-based system via the internet. The Qualifying Round will take place on the college's home campus.

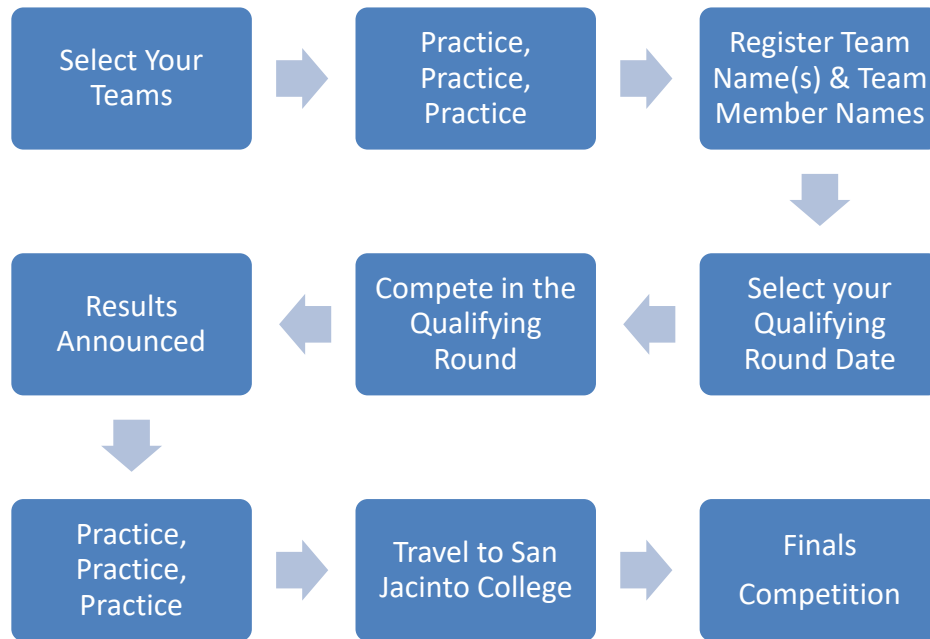
- There are three (3) timed scenarios in the Qualifying Round.
- Teams will compete at a time and date chosen by their coach.
- Teams will compete during the time frame of March 1st through March 31st.
- Teams will be overseen by a proctor during their Qualifying Round. Coaches must remain outside the competition room.



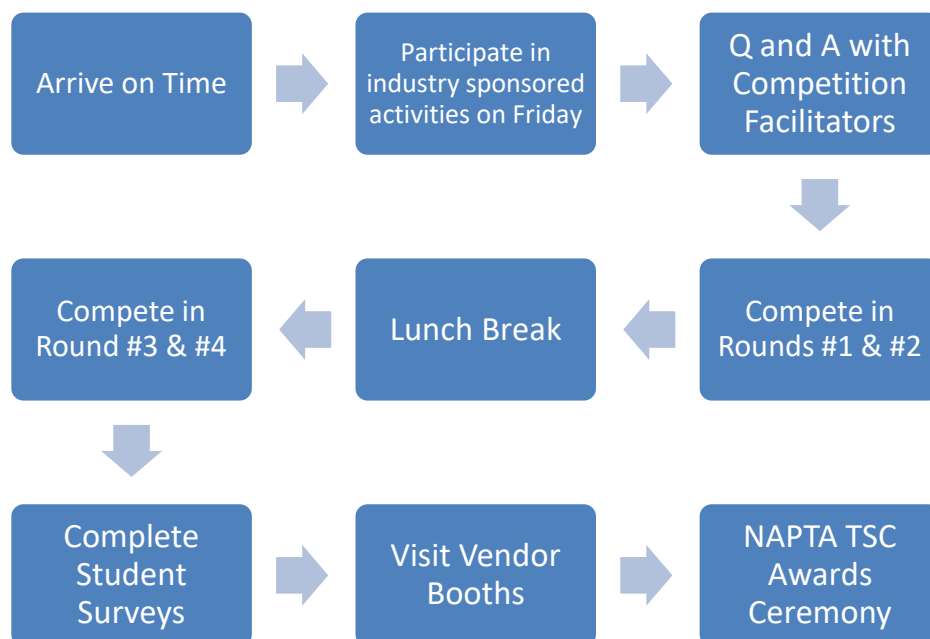
General Information

Troubleshooting Skills Competition 2023

Qualifying Round Process



Championship Round Process





General Information

Troubleshooting Skills Competition 2023

Championship Round Format

- Twelve teams will participate in the Championship Rounds of competition.
- 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 50 miles from the competition site (San Jacinto College CPET Campus) 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!***
- All team members will participate in industry sponsored activities on Friday, April 21st.
- Alternates will not attend the two-day Championship Competition event unless participating as a regular team member.
- **All** teams will compete in live simulation-based exercises on Saturday, April 22nd.
- Rounds will be timed.
- The cumulative score from all rounds will determine the 1st – 12th place teams.
- The awards ceremony and the announcement of the top three highest scorers will take place during the NAPTA TSC Awards Banquet held Saturday evening at 5:00 PM.

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