



## General Information 2020

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The 2020 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 24, 2020.

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

- The TSC IV Open and Championship Round Competition will be hosted by San Jacinto College in Pasadena, Texas on April 23<sup>th</sup> – 25<sup>th</sup>, 2020.
- Registration will open on December 2, 2019 and close on March 13, 2020.
- 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 close of business on March 13, 2020. 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.
- 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.
- Coaches/instructors have discretion of team member selection to meet the student qualification criteria listed below.

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### Student Qualifications

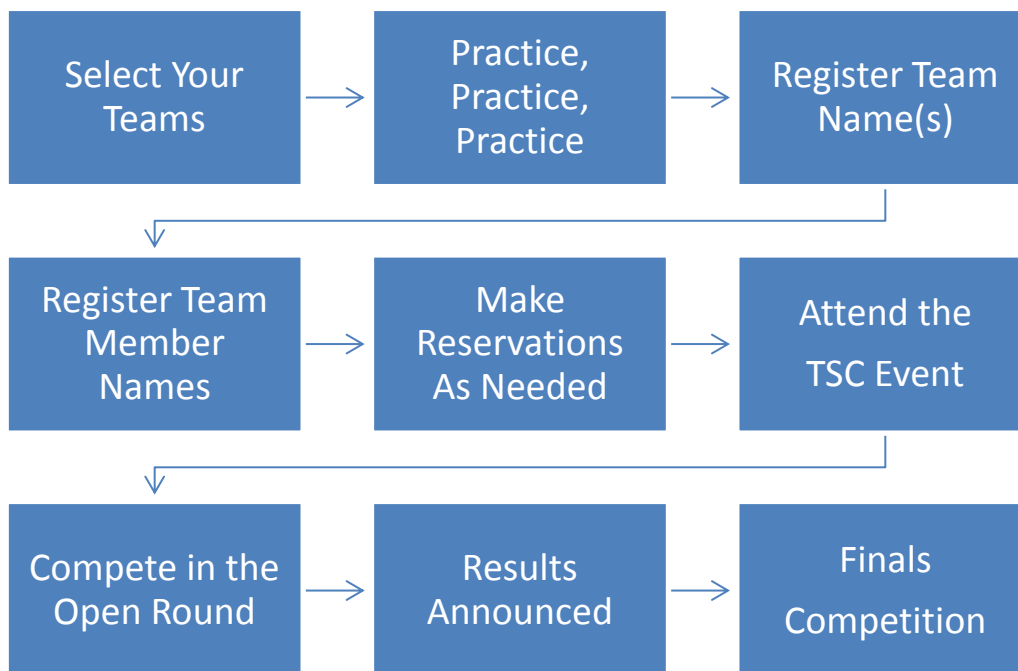
- Must be currently enrolled in the Process Technology program
- May be enrolled on a full or part-time basis
- Cannot be employed now or in the past in industry as an operator
- Students serving as co-ops or interns are acceptable

### Opening Round Format

Competitors will use a PC-based dynamic process simulator; with a Virtual Field Operator (VFO) exercise in the Finals Round to simulate Outside Operator activities.

- There are two timed scenarios in the Open Round.
- Twenty (20) teams will compete during the morning on April 24<sup>th</sup>. Twenty (20) teams will compete during the afternoon on April 24<sup>th</sup>.
- 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.

### Opening Round Process





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### Open and Championship Round Format

- A travel stipend in the amount of \$500 will be awarded to the teams selected for the Open Round and will be paid directly to the hotel by NAPTA. This stipend applies only to colleges with travel distances that exceed the 50 mile radius from the competition site.
- 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 24, to determine the ten Finalist teams.
- Alternates will not attend the Championship Competition unless participating as a regular team member.
- Ten teams will compete in the Championship Round Saturday, April 25, to determine the 1<sup>st</sup> through 3<sup>rd</sup> 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 1<sup>st</sup> – 10th place teams.
- The awards ceremony and the announcement of the top three highest scorers will take place during the TSC Awards Banquet being held Saturday evening at 6:00 PM.

For information about registration, contact Martha McKinley at [troubleshooting@naptaonline.org](mailto:troubleshooting@naptaonline.org) or 903.452.8511