

GENERAL RULES

These are the general rules made by the Organizing Committee of the **COPOL Robotics Competition, Steel Challenge**.

GENERAL GUIDELINES

1. All national or international educational institutions may participate through the formal registration process.
2. All audiovisual material generated in the tournament, competitions or related to them during the days of the event, belongs to the **COPOL Robotics Competition**.
3. **Teams** are the group of people who present a participating **robot in a category**.

DATES AND VENUE

The event will take place on October 5 and 6, 2022, at the Unidad Educativa Particular Politécnico – COPOL, km. 30.5 Via Perimetral (Gustavo Galindo ESPOL Campus), in the city of Guayaquil, Ecuador.

REGISTRATION

1. Educational institutions may have several teams enter the tournament.
2. The registrations of the teams (robots) will be done until the deadline given by the Organizing Committee, which will be informed in a timely fashion, through the communication channels of the event.
3. The registration process of a team (robot), is made up of two (2) phases:
 - Pre-registration
 - Registration
4. The pre-registration of the team (robot) will take place from June 15 to September 25 of the current year, through the official website of the event.
5. In the pre-registration phase, the teams (robots) must fill in all the required fields in the registration form. The information provided cannot be modified after it is sent.
6. In order to complete the registration, the participating team (robot) must pay the fee
7. Teams will have up to 4 days to pay for the registration fee, otherwise their pre-registration will be canceled and they will have to pre-register again.

8. By registering for the contest, the members of the team accept the clauses set forth in these regulations and those specific to each category.
9. The data provided by the team will be used by the Organizing Committee to come up with the database of the participants.
10. The Organizing Committee of the event reserves the right to cancel any category since it is necessary to have at least two (2) participating robots. The categories can be closed up to a week before the event.

REGISTRATION CONFIRMATION

The organizing committee of the event will confirm by email to the participating teams their acceptance to the contest.

The team must present the aforementioned confirmation on the day of the event at the registration tables.

TEAMS

1. The maximum number of members of a team will be limited and depends on the category, which is listed below in Table 1:

	Categories	Number of team members
1	Three (3) pound robot battle	3
2	One (1) pound Robot Battle	3
3	Robot battle (simulation)	1
4	LEGO creativity	3
5	Arduino creativity	3
6	technological impact	2
7	Line follower (speed)	2
8	LEGO line follower (speed)	2
9	Maze	2
10	Soccer (three robot team)	3
11	Bug race (autonomous)	3
12	controlled boat race	2
13	drone obstacle race	2
14	Autonomous Mini sumo	2
15	controlled Minisumo	2
16	LEGO Sumo	2

2. For each category, up to three (3) teams from the same educational institution may register.
3. A student cannot be registered with two teams in the same category.
4. Team participants must be legally enrolled in the educational institution (primary or secondary) they represent.

5. The team must select a name that identifies them and appoint a captain.

TEAM CAPTAIN

1. The person who is registered as team captain cannot be changed unless there are justifiable causes.
2. The captain will represent his/her team and will be the person who will maintain cordial and respectful communication with the organizing committee.
3. In case any problem arises during the competition, the organizing committee will meet with the team captains to inform about it or reach possible agreements.

ABOUT ROBOTS

1. Each robot registered must have a name to identify it.
2. When naming the robots, please avoid derogatory or discriminatory terms. In case this takes place, the Organizing Committee of the event reserves the right not to use this name when calling the robot, but the institution it represents and category to which it belongs.
3. All registered robots must comply with the standardization in order to be approved to participate in the tournament.

STANDARDIZATION

1. Standardization is the verification of compliance with the specifications and characteristics that robots must meet to compete, according to the bases by category.
2. Standardizations will be made on the first day of the event and before each competition.
3. In order to have the standardization approved, teams must present their letter of acceptance.
4. Robots must be presented and get standardization approval in order to participate in playoffs of the category to which they belong.

RULES BY CATEGORIES

During the event, only two members of the team may be within the competition area. In case of not complying with this rule, the judge in charge may decide to eliminate the robot that represents them.

In case the Organizing Committee makes adjustments in the rules of the categories, these will be shared on the official website.

Any unforeseen situation within the rules will be reviewed during the standardizations by category.

JUDGES

The role of the judge is important in the competition; he will be in charge of complying with the rules and regulations established by the organizing committee.

The judges for this competition will be appointed by the organizing committee.

Contestants may present their objections to the judge in charge of the category before the end of the competition.

In case of doubt in the application of the norms, the judge will make the final decision.

In the event of a controversy about the decision of the judge or judges, a written disagreement can be sent to the Council of Judges. Once the competition is over, the arguments presented will be evaluated and a decision will be made in this regard. This decision is final.

REMINDERS

Keep the following recommendations in mind for the proper development of the contest and the best results for the participants:

1. Always carry your badge.
2. Be very attentive to competition calls.
3. Keep in mind all the points of the regulations.
4. Design a robot as sturdy and resistant as possible, since the time available for repairs during the competition is limited.
5. It is recommended to always be aware of your belongings, since the organizing committee will not be responsible for lost items.
6. Take to the competition area the necessary tools to carry out repairs in case of possible robot failures.

AWARDS AND RECOGNITIONS

1. Participation certificates will be sent through the official mail of the event.
2. The awarding will take place at the closing ceremony:
 - First place: a Gold Cup and a gold medal
 - Second place: silver medal
 - Third place: bronze medalFirst, second and third place winners will get a diploma
3. The team with the biggest amount of points during the tournament will be the winner and will get the **COPOL Robotics Competition Steel Challenge** cup. Each award has the following score:
 - Gold medal: 1000 points
 - Silver medal: 750 points
 - Bronze medal: 500 points

TEAMS BEHAVIOUR

1. All competitors will conduct themselves in a dignifying, principled and respectful manner throughout the tournament.
2. Competitors will be careful with the furniture and premises items. In case of damage, the responsibility of these will be notified to the respective authorities.
3. Consumption of drugs or alcohol is allowed in premisses.
4. Competitors under the influence of drugs or alcohol are not allowed to participate.
5. At all times, competitors will have to follow competition rules and follow instructions given by the Organizing Committee.
6. Derogatory terms or expressions towards the judges, other participants or robots will not be tolerated.

Failure of rules compliance will result in teams disqualification.

The committee reserves the right to postponing or cancelling the event without prior notice.