

# Engineering Communication

## CATEGORY OBJECTIVE

Challenge competitors to present a well-supported viewpoint on a technological issue. Presentation should use terms that the general public can understand.

## REGISTRATION CRITERIA

One (1) or two (2) competitors per team.

## COMPETITION FACILITIES

- 1 amphitheater (with digital projector, overhead projector, chalkboard, and table)
- Competition Personnel
- 3 judges: The judges assess the skills, abilities, and topics of the competitors.
- 1 timekeeper: The timekeeper is responsible for ensuring that the competitors stay within the time allotted. He or she must time the presentations.
- 2-3 volunteers: Volunteers carry out various support tasks.

## PROCEDURE

### 1. Presentation

Competitors have 30 minutes to present and explain the details of the technological issue, in language that the general public can understand. The presentation shall include the issue's environmental, social, economic, and other impacts.

### 2. Question Period

Judges are given a 10-minute period during which to ask competitors questions. If time permits, the audience may also pose questions.

## TIMEKEEPING

- The watch must be stopped when a judge asks for clarifications or question during the presentation.
- The watch must be stopped when the team responds to the question or clarifications asked by a judge during the presentation.

- The time remaining must be announced 20 minutes, 10 minutes, 5 minutes, and 1 minute before the end of the presentation.
- A visual countdown must be given during the last 30 seconds of the presentation.
- The time allotted for the question period shall be for information purposes only.

## TEAM ORDER

- The order of the presentations shall be determined randomly
- The order of the presentations shall be disclosed no later than 12 hours prior to the first presentation.

## PROJECT ELIGIBILITY

- Each team is required to submit a one (1) page abstract that summarizes their presentation approximately two (2) weeks prior to the competition. The abstract will be reviewed by the OEC Organizing Committee to assess the suitability of the presentation for inclusion in Engineering Communications and will be given to the judges for information prior to the start of judging.
- Should the presenting team be a subset of the project team, the remaining members of the project team must sign a letter authorizing presentation of the project in order for it to be eligible for the competition.

## ASSESSMENT AND JUDGES

- Selection of judges will favor experience in communications.
- The panel must have at least three but no more than nine judges.
- The assessment shall be carried out in an audience's presence.
- Feedback forms, from the judges, shall be provided to each team prior to the closing of the competition.

## SUMMARY OF ASSESSMENT SCALE

<b>Popularization</b>	<b>30%</b>
<i>Topic clearly presented</i>	5%
<i>Appropriate level of language</i>	5%
<i>Interest elicited by the topic</i>	5%
<i>Accuracy of the explanation</i>	15%
<b>Critical analysis</b>	<b>30%</b>
<i>Environmental, social, economic, and other analyses</i>	15%
<i>Quality of arguments</i>	15%
<b>Communication ability</b>	<b>40%</b>
<i>Quality of visual aids</i>	15%
<i>Speaker quality</i>	15%
<i>Compliance with time</i>	10%