

IEEE STUDENT ETHICS COMPETITION

IEEE Ethics and Member Conduct Committee



Introduction

The IEEE Student Ethics Competition is sponsored by the IEEE Ethics and Member Conduct Committee (EMCC). It was developed for use at IEEE student events to encourage the study and awareness of professional ethics by IEEE Student and Graduate Student Members. The competition includes a presentation and defense of a case analysis by teams of students. Specific objectives of the competition program are:

- ❖ To foster familiarity with the IEEE Code of Ethics and ethical concepts,
- ❖ To promote a model for discussing and analyzing ethical questions, and
- ❖ To provide experience in applying ethical concepts to typical professional situations.

Eligibility

- ❖ Teams can be of either 2 or 3 members.
- ❖ Individual team members must belong to the same IEEE Student Branch.
- ❖ Participants must be IEEE Student or Graduate Student Members in good standing.

Prizes

Based on the judging criteria, the competition judges will determine winner and runner-up winning teams.

- ❖ Prize money for the winning team is \$400.
- ❖ Prize money for the runner-up team is \$200.

(Note: The funds will be distributed to the winning and runner-up IEEE Student Branches.)

Upon completion of the event, the competition organizer will notify the EMCC of the winning teams so that the prize money can be disbursed. Winners will be notified at the Congress closing ceremony. A list of winners will be made available on the IEEE Ethics & Member Conduct Committee webpage.

Certificates of participation are available to all participants. All certificates will be signed by the President of the IEEE and by the Chair of the IEEE Ethics and Member Conduct Committee (EMCC).

IEEE STUDENT ETHICS COMPETITION PRESENTATION GUIDELINE

I Purpose

To present and defend an analysis of a situation in professional ethics.

II Topic

A hypothetical case generally dealing with

- ❖ A. Public Safety and Welfare,
- ❖ B. Conflict of Interest,
- ❖ C. Engineering Practice, or
- ❖ D. Research Ethics.

The selected case will have two or more ethical questions or components.

III Preparation

- ❖ A. Two-Three hours to analyze a selected case and prepare a PowerPoint presentation (access will be provided to a computer with no internet connection)
- ❖ B. Collaboration is limited to members of individual teams.
- ❖ C. Resources are limited to written competition materials. (Internet access, books, etc. are not allowed)
- ❖ D. All teams will receive the same case.

- ❖ E. Teams will not be allowed to collaborate, practice, and modify presentation, etc. after the CDs are collected. Teams may observe other presentations after their presentation.

IV Requirements

- ❖ A. PowerPoint presentation with significant speaking involvement of all team members
- ❖ B. Presentation Time 8-12 minutes
- ❖ C. The order of presentation among the teams will be randomly chosen. D. Required Components (see example case studies)

Case Facts – restatement of relevant facts

Question(s) – summary of ethical questions

References – identification of relevant sections from IEEE code

Discussion – analysis of case.

The analysis of the case should be performed using the IEEE Code of Ethics.

Conclusion – position statement on each of the identified ethical questions and recommendation for action

V Oral Defense

- ❖ A. The judges will ask questions relating to the selected case and the presented analysis.
- ❖ B. Each team member must respond to at least one question.
- ❖ C. Time for the defense period will be approximately 5 minutes.