



R3 Student Ethics Competition 2011

Based on the Student Ethics Competition Guidelines and Requirements V2, 2006 of the IEEE Ethics and Member Conduct Committee (EMCC)

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:

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

Participants/ Eligibility

Teams may have 2 to 3 members. Each team must be comprised of students from one school. All students must be either IEEE Student or IEEE Graduate Students in good standing. No more than one Graduate Student Member per team is allowed. Up to six teams will be allowed to compete, therefore it is important to register your team early.

Judges

Three judges will be selected from R3. Judges need to be of member or higher member grade. Judges cannot be affiliated with the competing student branches. Affiliation in this context means being employed by the university or being a member of the section of the competing student branches.

Selection of Winners

Judges will evaluate participants based on the following:

1. Analysis of a hypothetical case study presented orally (70%)
2. Question and answers with the judges in defense of the case study conclusions (30%)

Judging Forms for both two and three member teams can be found in the Student Ethics Competition Guidelines and Requirements V2, 2006 of the IEEE Ethics and Member Conduct Committee (EMCC).

Each judge will rank the teams using the attached Judging Forms. The points awarded by the judges will be tallied and the winners determined by the totaled scores. Ties will be resolved by majority vote of the judges. All other Judge decisions will be by majority vote and will be final with regard to adherence to rules, disputes, team eligibility, disqualifications, and other competition conduct.

Notification of Winners

Winners will be notified at the Competition Award Ceremony at the awards banquet of SoutheastCon. A list of winners will be made available on the IEEE Ethics & Member Conduct Committee webpage.

Course of Events

7:45AM Teams meet in Preparation Room

Teams get cases distributed and get laptops for preparations.

Topic: A hypothetical case generally dealing with (1) Public Safety and Welfare, (2) Conflict of Interest, (3) Engineering Practice, or (4) Research Ethics. The selected case will have two or more ethical questions or components.

8:00AM – 10AM Prep Time

Preparation:

- A. Two (2) hours to analyze a selected case and prepare a computer presentation (access will be provided to a computer with no internet connection, computers will provide PowerPoint, OpenOffice or a similar program to prepare a presentation.)
- 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, modify presentation, etc. after the CDs/USB sticks are collected. Teams may observe other presentations after their presentation.
- F. Teams need to prepare a Computer presentation with significant speaking involvement of all team members
- G. Presentation Time 8-12 minutes
- H. Required Components (see example case studies)
 - a. Case Facts – restatement of relevant facts
 - b. Question(s) – summary of ethical questions
 - c. References – identification of relevant sections from IEEE code
 - d. Discussion – analysis of case. The analysis of the case should be performed using the IEEE Code of Ethics.
 - e. Conclusion – position statement on each of the identified ethical questions and recommendation for action

Judges Prep:

During the prep time of the teams the judges will work together to set case expectations and Q&A Procedure. They will also determine in a random process the presentation order for the teams.

10:15AM-12:15PM

Oral Presentation and Defense

- A. Teams stay in sequestering room.
- B. Teams will be asked to enter the presentation room at the beginning of their presentation time slot.
- C. Teams finished with their presentation can stay in the presentation room after

- finishing their presentation.
- D. Presentations are open to the public.
 - E. Each presentation is 8-12min
 - F. Immediately following the presentations the judges will ask questions relating to the selected case and the presented analysis.
 - G. Each team member must respond to at least one question.
 - H. Time for the defense period will be approximately 5 minutes.
 - I. Timing lights or other indications will be provided.

Winners

Winners will be determined according to the judging sheets.

Winners will be announced at the Awards banquet.