

Event Title: Battle Of The Majors (BOM)

Date: November 4, 2011

Time: 4-8 Pm

Location: Curry Student Center (West Addition)

Overview

The BOM is an academic competition to celebrate the National Society of Black Engineers' Academic Excellence Month. The objective is to encourage and display Academic Excellence and understanding of teamwork and engineering problem solving skills.

Format

Game Show Format with multiple choice, jeopardy and open-ended questions.

Topic Coverage

- Science (Chemistry and Physics I-II)
- Mathematics (Calculus I-III and Differential Equations)
- Miscellaneous (Northeastern University and Boston)

Note: Questions will be similar to those in the Fundamental Engineering Handbook

GAME MANAGEMENT

Team Member Eligibility

- Northeastern University Student

Team

- Group will be based on Major
- Each group will consist of four active members and one alternate (Preferably one from each year i.e Freshman, Sophomore, Middler, Junior and Senior). Alternates will be required to be present at all times in case an active member has to switch out.

Moderator

- Will present questions to groups

- Ensure that each round goes smoothly

Judges

- 3 Northeastern University Student (One from each collaborating organizations' Eboard)
- Will keep track of points for each team
- If there are any discrepancies between what the teams' answer is and the answer given by the software, the judges will make a decision on the matter. **Judges' decisions are final.**

General Rules

- No electronic or academic materials will be allowed as source of reference during the competition. If any teammate has any of these materials in their possession, the team will be disqualified.
- Each team will be allowed one sub...

The Game

- Structure

- Qualifying Round (2 groups of same discipline will compete and the winner proceeds as the Representative for the discipline)
- Semi-Finals
- Finals

- Description of Rounds

Qualifying Round

- Round 1: Alternating Questions (10 Mins.)
- Round 2: Jeopardy (10 Mins.)

Total: $(20 * 5) = 100$ Mins = 1hr. 40 Mins

Round I (Alternating Questions: 20 Mins.)

- After the moderator reads the question, the team in possession of the question will have **25 seconds** to answer.
- Before the end of the 25 seconds, the team in possession **MUST** provide an answer of "pass" or will have a **25 points deduction.**

- If the team in possession “passes”, only the next team in line will have the opportunity to answer the question. If the team accepts the opportunity, the moderator will restate the question and the team will have **5 seconds** to answer. Since there is no opportunity to pass, the team will **gain 100 points for a correct answer and lose 25 for an incorrect answer.**
- The round will end once the 20 minutes limit is reached
- **All positive total points will be carried over to Round II and negative will be replaced with zero points.**

Round II (Open- Ended: 20 Mins.)

- Each team will be given the same set of 3 open ended questions, 2 of which they must answer.
- Teams have 10 minutes to answer both problems
- Judges have 10 minutes to grade problems and update score
- Each question will be worth 150 points, a total of 300 points
- No penalties for incorrect answers
- **Points will be carried over to Round III**

Round III (Jeopardy (30 - 35Mins)

- The moderator will read each question and each team will have 5 seconds after the question is read to buzz in. Each team should designate a member that buzzes and one that answers the question.
- Once the moderator acknowledges the team that buzzed in, they will have 25 seconds to answer the question. Answers should be in the form of a question (i.e. “What is..., Who is etc..?”)
- If a question is answered incorrectly, the value of the question will be deducted from the team’s score.
- If the first team to buzz in answers the question incorrectly, the opposing team has the option of either: buzzing in within 5 seconds and taking 20 seconds to answer or simply passing on the question.
- The last team to answer a question correctly will select a new category and point value of the next question. This will continue for
- During the final match, each team will be allowed to answer the final question from a random category. The teams will first see the category then will record a point value wager.

- If the team has a positive score, they can wager up to double their score and if the team has a negative value, they can only wager enough points to get their score to 0.
- Once the wagers are submitted, the question will be displayed and each team will have 30 seconds to write down their answer. After which, the moderator will collect and give them to the judges then read the correct answer
- If there is a tie after final score is calculated there will be a 5 question round and whoever wins this round will WIN the Battle of the Engineers.

Total: 70 -75 Mins.