



## 2016 Awards and Judging Logistics

### Rocky Mountain BEST



The purpose of this addendum is to supplement the Awards and Judging Policies with hub specific requirements for Rocky Mountain BEST Competition.

**Do not post publicly until after September 19, 2016**

## Section 1 Additional Awards

**In addition to BRI's Required Hub Level Awards outlined in the Awards and Judging Policies document, the following awards will be given at the Rocky Mountain BEST competition:**

- Craftsmanship Award – awarded to the team whose robot exhibits the best workmanship, appearance, fit and finish.
- Best Rookie Team – awarded to the Rookie Team with combined highest score on the Engineering Notebook and the ranking in the head-to-head robot competition.
- Engineering Notebook – recognition to the team with the highest notebook score that is a non-BEST Award competitor.
- Sportsmanship Award – awarded to the team displaying the best attributes of sportsmanship and enthusiasm during the competition. This award is selected by vote of the participating teams.

**Rocky Mountain BEST will judge these additional awards during the competition until the end of the Seeding Phase**

## Section 2 Team Demographics Information

The required Team Demographics information must be submitted by the teacher or mentor to the hub before the Robot Compliance Check will be considered complete. Teams that do not complete Robot Compliance Check are subject to disqualification.

Instructions:

1. *The team's Eventbrite teacher or mentor will receive an email via Dropbox with an invitation to edit their school's Dropbox folder after Kickoff. Access to this folder is established with edit access by the team's Eventbrite teacher or mentor and the Rocky Mountain BEST Awards and Judging Leads.*
2. *Each team's Dropbox will contain a blank 2016\_Team\_Demographics\_form.xls spreadsheet with School Name replacing the "Team" in the file title.*
3. *The Teacher or Mentor will open this file and click the "Enable Content" button at the top center of the spreadsheet. The teacher or mentor then enters the required school, student, school robotics program, student STEM interest, and software use information.*
4. *The spreadsheet automatically error checks the student count information (grade, race, gender) to ensure it is consistent across entries. If student information is entered that is inconsistent, error cells to the right of the form are filled with yellow until the information is made consistent.*
5. *The information in the file must be entered in the Team's Dropbox Folder by 9:00am on Practice Day, October 8, 2016.*
6. *The team's teacher or mentor must bring a hardcopy of the completed EXCEL file to robot compliance on Practice Day, October 8, 2016.*

7. The team's access will be changed from "Can edit" to "Can View" on October 9, 2016.
8. Contact Alex Sweetman at [Alex.Sweetman@bestinc.org](mailto:Alex.Sweetman@bestinc.org) if you have questions, want team access changes, or need to make other arrangements for submittal.

## Section 3 BEST Award Logistics

### 3.1 Hub vs. Championship Judging

Because hubs operate with a variety of resources, specific requirements of the BEST Award will vary between hubs. This document contains specific requirements set forth by your local hub for the BEST Award competition. Should your team advance to the Regional competition and participate in the BEST Award, be aware that there may be differences in notebook, marketing presentation, team exhibit, and interview procedures and guidelines, as well as some other optional/additional awards.

The BEST Award will be judged using the following scenario from the Awards and Judging Policy document section 1.3.1 and is outlined below:

#### Scenario 1:

Judging Category	Point Value
Engineering Notebook	30 points
Marketing Presentation	25 points
Team Exhibit and Interviews	20 points
Spirit and Sportsmanship	10 points
Robot Performance	15 points

*Total 100 points*

### 3.2 Category I: Engineering Notebook (30 points)

- See Section 2 item 1 for more information about Team's Dropbox Folder.
- The Engineering Notebook pdf file must be posted in the Team Dropbox Folder by 2:00pm Practice Day, October 8, 2016.
- Contact Alex Sweetman at [Alex.Sweetman@bestinc.org](mailto:Alex.Sweetman@bestinc.org) if you have questions or to make other arrangements for submittal.

### 3.3 Category II: Marketing Presentation (25 points)

- The Rocky Mountain BEST Marketing Presentations will be held on Friday, October 14, 2016 on the on the north side of Metropolitan State University of Denver (MSU Denver) campus, 890 Auraria Pkwy, Denver, CO 80204, Student Success Building, Room 211.
- Each BEST Award team must sign up for a marketing presentation time slot by email to Linda King at [Linda.King@bestinc.org](mailto:Linda.King@bestinc.org) no later than Friday, September 16, 2016 to arrange for your Marketing Presentation time slot.

- *The time slots are every 30 minutes with a break at 11:30 for the judges to go to lunch. The available time slots are: 8:00am, 8:30am, 9:00am, 9:30am, 10:00am, 10:30am, 11:00am, 1:30am, 2:00am, 2:30am, 3:00am, 3:30am, 4:00am, and 4:30pm.*
- *Your team should request a preferred and second choice time slot on the hour or half-hour between 8am and 4:30pm. You will receive confirmation of your presentation time slot.*
- *If you are driving, park in the Tivoli Parking Garage at Auraria Parkway and 9th Street south of the Pepsi Center. Two Parking passes (2) for the Tivoli Parking Garage will be provided at the Presentation.*
- **Marketing Presentation Time Breakdown:**
  - *The times for the marketing presentation could be expanded to include LATER or EARLIER times if high participation requires a schedule modification.*
  - *There will be a Marketing Presentation check-in station at Metro State University of Denver, Student Success Building, just outside Room 211.*
  - *Teams should check in 15 minutes prior to their time slot.*
  - *At least five minutes will be scheduled between presentation sessions to allow judges time to confer without the team present.*

### **3.3.1 Equipment Guidelines**

- *The room for the presentation is equipped with a projector and projector screen. A PC computer will be available. Teams may bring their own laptop if desired and should also bring a thumb drive with the team's presentation (pdf and PowerPoint) formats are recommended). Teams must bring any additional equipment they would like to use. Failure to voice equipment needs may result in a team not having the necessary equipment for its presentation.*
- *Direct questions about equipment and facilities to Professor Michael Caston, Marketing Presentation Lead Judge, at [mcaston3@msudenver.edu](mailto:mcaston3@msudenver.edu) or 303-556-3219.*

### **3.4 Category III: Team Exhibit and Interviews (20 points)**

- *Each team will be provided with two six-foot long tables (approximately 20 inches wide).*
- *Maximum allowed floor space for table displays will be 8' x 8'.*
- *Maximum allowed height for table displays will be 8'.*
- **Setup options:**
  - *If the Auraria Event Center lobby is available Friday evening October 14, 2016, Exhibits may be set up between 7:00pm and 8:30pm. Please contact Linda King [Linda.King@bestinc.org](mailto:Linda.King@bestinc.org) prior to October 12, 2016 if you wish to use this option.*
  - *On Saturday Game Day, October 15, 2016, exhibits may be setup in the Auraria Event Center lobby between 7:00am – 9:00am.*
- *The week prior to Game Day, we will contact the BEST Award team teacher and assign a 30 minute appointment between the hours of 9:00am and 2:00pm for the Team Exhibit and Interview Judging to be conducted.*
- *The exhibit should be manned by student representatives between 9:00am and 2:00pm on Game Day, especially during the 30-minute pre-arranged Interview schedule.*

- *Teams should expect to be interviewed by up to four different judges during their interview period.*

### **3.5 Category IV: Spirit and Sportsmanship (10 Points)**

- The following noise-makers will not be allowed during the competition:
  - Powered instruments
  - sirens
  - Air horns

## **Section 4 Applying for the Simulink Design Award**

To apply for the award, teams are required to submit their Simulink model and a link to a short video describing their program design using Simulink. Teams will submit their entries by completing a form at the following location:

[http://www.bestinc.org/simulink\\_award/form.php](http://www.bestinc.org/simulink_award/form.php)

**PASSCODE = G00dharv3st**

The entries must be submitted before 11 PM (local time) two weeks before the regional championship competition. The regional submission deadline for Rocky Mountain BEST teams is **November 25, 2016** (based on the Frontier Trails BEST regional championship on Dec 2-3, 2016).

Information that teams need to provide when submitting their entry:

- Name of School
- BEST Hub (know which hub you belong to)
- Team Contact
- Team Contact Email Address (*important: all entries are tied to this email address*)
- # Students on the Team
- Simulink Model File (.slx file)
- Link to YouTube Video (3 min. maximum)
- Brief Description (256 chars) of how the team used Simulink to program their robot