



JUDGES SIGN UP FORM

Tennessee Valley BEST 2018 *at Calhoun Community College*

October 11 - 13, 2018 at Calhoun Community College in Center for Applied Technology, Aerospace Training Center, or Kelley Gym
Volunteer Sign-up Form – Due by October 1st, 2018

Name: _____ Company/Institution: _____

Title/Position: _____

Mailing Address: _____
Street City State Zip

Email address: _____ Work Phone: _____

T-Shirt size: S M L XL XXL XXXL

Have you judged BEST before? YES NO

Please check the one that best describes your affiliation:

- College Student University Faculty/employee High School Faculty/employee
 Business/corporation State Dept. of Education Other: _____

Check the events that you would be willing to judge:

Check	Judging Category (descriptions below)	Location	Day	Time
<input type="checkbox"/>	Project Engineering Notebooks* and Website	Calhoun Community College Aerospace Training Center (Building 1 on campus map)	Thursday, Oct. 11	6:00pm – 9:00pm Dinner provided
<input type="checkbox"/>	Marketing Presentations*	Calhoun Community College Center for Applied Technology, Rooms B117 (Building 3 on campus map)	Friday, Oct 12	10:00am – 4:00 pm Lunch Provided
<input type="checkbox"/>	Team Exhibit and Interviews*	Kelley Gym site for our 2018 Game day	Saturday, Oct. 13	10:00am 12:00noon Breakfast/Lunch provided 1:00pm – 3:00pm
<input type="checkbox"/>	Spirit and Sportsmanship*	Kelley Gym site for our 2018 Game day	Saturday, Oct. 13	9:00am – 3:00pm Breakfast/Lunch provided
<input type="checkbox"/>	Special Competition Awards	Kelley Gym site for our 2018 Game day	Saturday, Oct. 13	9:00am – 3:00pm Breakfast/Lunch provided

* Denotes “BEST Award” category (see descriptions on next page)

We invite you to check the categories that you would be WILLING to judge. We thank you now for your willingness to volunteer to help with this program. We guarantee you’ll have a blast!

Please email first page of form back by October 1st to: Mark Rose
mark.rose@calhoun.edu

Judging Event Descriptions

I. THE BEST AWARD

The “BEST Award” is a parallel, yet equally important, competition that occurs concurrently with the robotics competition. The BEST Award is given to the team that best embodies the concept of boosting engineering, science, and technology in their school and their community. While every BEST competing team must build a robot, the BEST Award competition is optional. It is divided into five categories:

1. Project Engineering Notebook
2. Marketing Presentation
3. Team Exhibit and Interviews
4. Spirit and Sportsmanship
5. Robot Performance

The BEST Award is typically extremely competitive. Past events show that teams are often separated by fractions of a point out of the 100 possible points.

1. Project Engineering Notebooks (30 points) – 10 judges needed

Every team (including those not competing in the BEST Award) must produce a 3-ring binder notebook that documents the process the team went through to design and build the robot... a technical diary of sorts. The book can contain a maximum of 35 pages of written explanation, along with photographs, design drawings, computer-generated drawings, etc.

The notebook judging process will occur Thursday evening, October 11, in the Aerospace Training Center. The evening will include dinner at 6:00pm, followed by a 15-minute orientation and approximately 2 hours of judging. Each of the judges will be responsible for scoring 7 or 8 notebooks (scoring sheets and grading rubric provided), so that each notebook will eventually be scored by 4 different judges.

2. Marketing Presentations (25 points) – 9 judges needed

Each participating BEST Award team must give a 20 minute oral presentation to relay both the team’s robot-building process as well as community involvement. Each team is allowed a 30 minute time slot; 5 minutes for set-up, 15 minutes to present, 5 minutes for Q & A from the judges, and 5 minutes for judges to fill out the scoring sheets. Lunch will be provided.

3. Team Exhibit and Interviews (20 points) – 6 judges needed

Team Exhibit: Each participating BEST Award team is given 8’ X 8’ X 8’ space with 6 ft. table on which to visually and creatively display school spirit, community involvement, and robot design and construction.

Interviews: Judges will circulate the team exhibit area and interview team members manning the team exhibit, as well as team members in the “pit area” on the floor of the competition.

4. Spirit and Sportsmanship (10 points) – 4 judges needed

During the competition on Saturday, judges will circulate the arena and evaluate school/team spirit and good sportsmanship of team members

5. Robot Performance (15 points) – 8 referees needed

The Robot Performance will determine the final 15% of possible BEST Award points. These points will be based on the total game points earned throughout the seeding rounds of the head-to-head competition (prior to the semi-final round).

II. SPECIAL COMPETITION AWARDS – 6 judges needed

Each of the following categories will be awarded 1st, 2nd, and 3rd places:

1. Founders Award for Creative Design

Awarded to the team that makes best use of the engineering process in consideration of offensive and defensive capabilities in machine design; awarded in recognition of BEST founders Steve Marum and Ted Mahler.

2. Most Robust

Awarded to the team whose machine requires the least maintenance during and between matches and is generally the sturdiest machine in the competition.

3. Most Elegant

Awarded to the team whose machine has the best design and execution -- the machine that makes you say, "Wow!"

4. Most Photogenic

Awarded to the team whose machine is the most eye pleasing, fit and trim of external components and aesthetic embellishments.

5. T-Shirt Award

Awarded to the team that has the most original game specific t-shirt design worn by team members during the contest; based on most creative use of the game theme/concept.

6. Website Award

Awarded to the team that has the most comprehensive and user friendly team website; based on most creative use of the game theme/concept and functionality of site.

All Special Competition Awards, except for the Website Award, will be judged on Saturday, Oct. 13 during the competition. Judges orientation will be from 8:00 am to 9:00 am and lunch will start at 12:00 noon Kelley Gymnasium, The robot competition will begin at 9:30am. The Website Award is judged on Thursday, October 11th with the Engineering Notebooks.

