**JUDGE’S SIGN UP FORM**  
**Tennessee Valley BEST 2016**  
*at Calhoun Community College*

October 27-29, 2016 at Calhoun Community College (Kelley Gym, Center for Applied Technology, or Noble Russell)

Name: __________________________  Company/Institution: __________________________

Title/Position: __________________________

Mailing Address: 

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<tr>
<th>Street</th>
<th>City</th>
<th>State</th>
<th>Zip</th>
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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:

<table>
<thead>
<tr>
<th>Check</th>
<th>Judging Category (descriptions below)</th>
<th>Location</th>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Project Engineering Notebooks* and Website</td>
<td>Noble Russell Building, Conference Room and Room 109</td>
<td>Thursday, Oct. 27</td>
<td>6:00pm – 9:00pm Dinner provided</td>
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<tr>
<td></td>
<td>Marketing Presentations*</td>
<td>Center for Applied Technology, Rooms B117</td>
<td>Friday, Oct 28</td>
<td>12:00pm – 4:00 pm Lunch Provided</td>
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<tr>
<td></td>
<td>Team Exhibit and Interviews*</td>
<td>Kelley Gymnasium, Upstairs, East Wing</td>
<td>Saturday, Oct. 29</td>
<td>10:00am 12:00noon Breakfast/Lunch provided 1:00pm – 2:30pm</td>
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<tr>
<td></td>
<td>Spirit and Sportsmanship*</td>
<td>Kelley Gymnasium</td>
<td>Saturday, Oct. 29</td>
<td>9:00am – 3:00pm Breakfast/Lunch provided</td>
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<tr>
<td></td>
<td>Special Competition Awards</td>
<td>Kelley Gymnasium</td>
<td>Saturday, Oct. 29</td>
<td>9:00am – 3:00pm Breakfast/Lunch provided</td>
</tr>
</tbody>
</table>

* Denotes “BEST Award” category (see descriptions below)

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!

**Mail, fax, or email first page of form back by October 10th:** Mark Rose, email: mark.rose@calhoun.edu or Marc Spengler: marc.spengler@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 30 pages of written explanation, along with photographs, design drawings, computer-generated drawings, etc.

   The notebook judging process will occur Thursday evening, October 27, in the conference room of the Noble Russell Building. 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 – 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. Teams are encouraged to be as creative as possible with their presentations. This category will include a minimum of 4 and a maximum of 8 team members, with 3-4 judges present for each presentation.

   This judging event will occur on Friday, October 28 from 1:00 pm through 4:00 pm. Orientation will occur Friday, October 28th from 12:00 noon to 12:45 pm and judging will begin at 1:00 pm. Lunch will be provided.

3. **Team Exhibit and Interviews – 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. These displays will be positioned on the second floor of the Kelley Gymnasium, Upstairs, East Side. Team Exhibit judging and student interviews will occur on Saturday, Oct. 29 from 9:00 am until noon and from 1:00 pm until 2:30 pm, with a lunch and orientation session from 8:00 am to 9:00 am at Kelley Gymnasium classroom, Room Number 110

   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 – 4 judges needed**

   During the competition on Saturday, judges will circulate the arena and evaluate school/team spirit and good sportsmanship of team members.
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. 29 during the competition. Judges orientation will be from 8:00 am to 9:00 am and lunch will start at 12:00 noon at Kelley Gymnasium, Upstairs, West Side. The robot competition will begin at 9:00am. The Website Award is judged on Thursday, October 27th with the Engineering Notebooks.