

# Robot Casserole, FIRST Robotics Team 1736

## **Team Membership**

Being a member of Robot Casserole FIRST Robotics Team 1736, as a student or mentor, requires certain responsibilities and provides privilege to participate in the regional competition by regular attendance and active participation.

## **Student Responsibilities**

1. Students must maintain compliance to the Sponsors Code of Conduct and *FIRST* ideals at all times.
2. Students must be enrolled as a full-time student.
3. Students must meet & maintain their school and parental academic requirements.
4. Students must obtain approval from their high school before each travel event.
5. Students are expected to be role models in the school and at any Robot Casserole event. Students represent their team, their school, and their sponsors.
6. Students must attend team meetings during the pre-season & build season.
7. Students must record their attendance and be engaged during the meeting time.
8. Students are expected to participate in team activities, such as demonstrations & community events. (min 2 events).
9. Students must handle & operate all tools and equipment with care and in a safe manner.
10. Students must NOT use machine tools before being trained on how to operate them.
11. Students should approach team membership as an opportunity to learn, to share and to grow while developing strong friendships with teammates, mentors, and other *FIRST* personnel.

## **Team Application and Interview Process**

1. Students must submit an application to become a part of Robot Casserole. Returning students are also required to apply to be a part of the team.
2. The application is included with this packet.
3. Robot Casserole employs this “Application and Interview” process for several reasons:
  - a. The interview process allows the mentors to learn information about the students, especially new students coming into the program. This helps with initial sub-team placement of new members.
  - b. Students receive guidance on their performance in previous years and areas for growth and improvement.
  - c. Students have opportunity to provide feedback to the team mentors.
  - d. Returning students must think about what they have accomplished as part of the team, what goals they want to set for themselves this year, and what steps need to be taken to reach those goals. New students should think about what they would like to learn as part of a robotics team and the effort they are willing to put into accomplishing that learning.
  - e. Students learn about the expectations are for attendance, participation, grades, and behavior.

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### Application and Interview Period

1. **Returning Students:** Applications are due no later than September 27, 2015. Interview will take place during the month of September. Attendance at the September meetings is expected. Team member decisions for returning students will be announced in mid-October. Late application will be considered on an individual basis.
2. **New Students:** Attendance at Orientation on Tuesday, September 27 is mandatory. If you cannot make it, please contact the team lead, Asit Patel, at *patel\_asit\_r@cat.com* for alternative arrangements. Interview will be conducted during the month of October. Attendance at the September & October meetings is expected. Team member decisions for new members will be announced in middle of November.

### Removal from Team

1. In rare occurrences, students may be removed from the team or potentially not allowed to be a part of the team following their application and interview.
2. Situations that can cause removal from the team include:
  - a. Inappropriate behavior, in direct violation of the school or sponsors Code of Conduct
  - b. Grade / Academic issues
  - c. Extremely poor attendance
  - d. Limited / no participation in team activities
  - e. Unsafe or disruptive behavior
3. Limited Participation / Probation
4. In some cases, students may be offered a limited level of participation on the team. This is normally due to academic performance, where the team leaders and parents agree that the student can still participate, but on a few nights..

**Robot Casserole, FIRST Robotics Team 1736**

**Robot Casserole Team 1736 Application: 2016-2017**

Thank you for your interest in Robot Casserole, the *FIRST* Robotics Team 1736 that meets at *Caterpillar Inc., Building A, Warehouse C, Pioneer Park, 8201 N. University. Peoria, IL*. As a member of the robotics team, you must be willing to donate much of your time to assist in “promoting” the program and “creating” the robot.

- The team meets starting in September, 2 nights per week to prepare team for January kickoff.
- There are many team meetings at which attendance is required including the Saturday January 7, 2017 kickoff.
- You will be required to give time during the summer and school year to help promote FIRST & the team and participate in team events.
- From early January through the 3<sup>rd</sup> week of February, you will be required to meet almost every weekday evening and weekends to design, and build the robot and prepare our team for competitions. The team normally meets M-Th 6-9 PM and Saturday 8AM- 2PM.
- This program will provide you with a great challenge as well as a great opportunity.
- Applications are expected by September 27<sup>th</sup>. Late applications will be considered on an individual basis. Applications can be turned in at the September meetings, or emailed to patel\_asit\_r@cat.com.

**Personal Information (print clearly)**

Circle Your Shirt Size Below

Name: \_\_\_\_\_ **T-Shirt Size: S M L XL 2XL 3XL**

School: \_\_\_\_\_

Current Grade Level \_\_\_\_\_ E-mail Address \_\_\_\_\_  
(You will be contacted by email – print legibly)

Parent’s Name \_\_\_\_\_ E-mail Address \_\_\_\_\_  
(Required for registration with FIRST)

Home Phone # \_\_\_\_\_ Cell Phone # \_\_\_\_\_

Please list any food allergies/intolerances, latex allergies, asthma, medications, or other issues the mentors should be aware of (this information is required for you to travel with the team):

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1) The robotics team is more than “building a robot” and traveling. Number the following sub area 1st choice with “1”, 2nd choice with “2” & 3rd with “3”.

- \_\_\_ 3D Computer Aided Design (CAD)/Modeling (Creo/Autodesk Inventor)
- \_\_\_ Mechanical design & Fabrication (design calculations, power, forces, strength, etc.)
- \_\_\_ Electrical & Controls (design calculations, component selection, etc.)
- \_\_\_ Programming (LabView or JAVA)
- \_\_\_ Web-Site Design
- \_\_\_ Media (audio /visual projects)
- \_\_\_ Business, organization, planning (Chairman’s Award, newsletters, events...)

2) List all activities (and years of participation) in which you have been involved while in high school.

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3) List all activities in which you will be participating this year (2015/2016).

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4) Competition Positions:

Choose these positions by numbering your 1st choice with “1”, 2nd choice with “2” & 3rd with “3”, if needed.

- \_\_\_ Driver    \_\_\_ Operator    \_\_\_ Human Player    \_\_\_ Coach
- \_\_\_ Pit Boss    \_\_\_ Safety Captain    \_\_\_ Scouting Coordinator
- \_\_\_ Spirit Coordinator    \_\_\_ Travel/Logistic Coordinator

Why should you represent Robot Casserole in this position?

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Provide a short explanation of:

1. Why are you interested in the robotics team? What do you wish to achieve? (New students)  
What Science Technology Engineering Mathematics (STEM) field you wish to pursue & why?  
Be specific. (Returning Students)
2. List the experience or skills you possess or wish to learn in the sub team areas listed on the previous page?. (New students)  
What skills have you acquired in the previous year(s) that qualify you to return to the team?  
(Returning students)
3. How you became interested and/or heard about the team. (New students)  
Describe something specific you have learned or experienced last season. (Returning students)
4. Find one thing interesting at each of the following websites which can be shared with the team.  
<http://USFIRST.org>

<http://ChiefDelphi.com>

<http://robotcasserole.org>

## Robot Casserole, FIRST Robotics Team 1736

### IMPORTANT INFORMATION – STUDENTS AND PARENTS

\*\* Students must meet team and school academic requirements and obtain agreement from their high school before traveling with the team to competitions.

I understand these expectations and responsibilities listed on page 1-2 if my son/daughter (student) is accepted as a member of Robot Casserole team 1736.

Parent / Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_

Student (Applicant) Signature \_\_\_\_\_ Date \_\_\_\_\_

**Parents:** Mentors are volunteers; most have full time jobs, and give their time freely. Students tend to excel when parents are involved. It is recommended that Robot Casserole parents be active in supporting the team either by occasional attendance at meetings, helping to manage activities, mentoring, or just parenting.

- I am interested in becoming a mentor for the \_\_\_\_\_ sub-team.
- I have experience in \_\_\_\_\_ area that I would be willing to share during a meeting or series of meetings.
- I will provide a case of water bottles during the build season.
- I will provide a portion of the noon meal for one of the Saturdays during build season (we will organize parents into groups to do this).
- I will attend one meeting per week during the build season to assist with planning and organization.

Please provide your email address below to communicate important dates and provide team updates.

Parent(s) name: \_\_\_\_\_

Parent Email address(s) \_\_\_\_\_

(Print legibly)

**Turn in APPLICATIONS during the meeting at Caterpillar Pioneer Park Bldg A, 8201 N. University, Peoria, or email to: patel\_asit\_r@cat.com by September 27, 2016**