

# 2018 - 2019 Team Handbook

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[www.robotcasserole.org](http://www.robotcasserole.org)

Sponsored by:  
**Caterpillar Inc.**

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## **ROBOT CASSEROLE SPONSORSHIP**

**Robot Casserole is a Caterpillar Inc. *FIRST* Robotics multi-school team inclusive of all Peoria Area Schools and is physically located at Caterpillar Inc., Pioneer Park, Building C, 8201 N. University. Peoria, IL.**

**Active members of the 2018 Robot Casserole Robotics Team 1736 include:**

- Caterpillar employees
- Amren employees
- Peoria Police Department
- ICC & Bradley University Students
- Richwoods High School
- Brimfield High School
- Illinois Valley Central High School
- Peoria Area Home Schools

### **Caterpillar Inc. Provides**

- Provides space for students and mentors to conduct *FIRST* related activities
- Engineer/Professional mentoring
- Vehicle (transportation to *FIRST* events)
- Program Leadership
- Materials and supplies
- Financial support

## **ROBOT CASSEROLE'S MISSION**

As *FIRST* Team 1736 Robot Casserole, our mission is to inspire and foster students' natural curiosities and ingenuity on a technical challenge within real-life constraints that promotes the development of leadership, teamwork, problem-solving, technical, creative, software, and communication skills. We wish to be a prominent and visible force within our community that encourages Gracious Professionalism, cooperation, volunteerism, and hands-on STEM-based learning.

## **ROBOT CASSEROLE'S TEAM GOALS**

- Inspire students to explore, experience, and appreciate technology, math, science, and engineering through hands-on participation in team activities
- Prepare students for leadership roles through shared decision making on the team
- Promote the ideals of *FIRST* in all that we do
- Increase community awareness of engineering education opportunities
- Promote teamwork skills
- Promote cooperation and volunteering
- Introduce students to positive role models
- Compete annually for the Chairman's Award (the highest award within *FIRST*)

## **TEAM CREDO**

### **Robot Casserole Robotics Team**

The function of this Team Credo is two-fold. First, it delineates the necessary personal character traits of all team members. Second, it identifies those things that are of great importance to Robot Casserole as a whole that will lead to a cohesive team and a successful season.

Robot Casserole team members will exhibit the following traits at all times:

#### ***Respectful***

- of all students on our team.
- of the engineers, mentors, and teachers on our team.
- of the sponsors who graciously provide us with the resources we need.
- of yourself, both as an individual and as a member of this team.
- of the team as a whole and its image as a veteran member of the *FIRST* Robotics community.

#### ***Well Behaved***

- by acting in a safe and appropriate manner at all times.
- by exhibiting a positive reflection of yourself, the team, *FIRST*, your school, and our sponsors.

#### ***Dedicated***

- to learning as much as possible while a member of the team.
- to participation and being a fully engaged member throughout the season.
- to creativity in every aspect of your involvement with *FIRST* and the team.
- to team work by providing ideas and contributing time and energy to the success of the team.
- to having fun in all that we do as a team.

#### ***Enthusiastic***

- by being motivated to excel on the team while encouraging others to be the best they can be.
- by being supportive of the team as a whole both at home and at competitions.
- by spreading the word about *FIRST* and all that it has to offer.

#### ***Inspired***

- about science, technology, and engineering.
- about learning and sharing our knowledge with others.

I agree to abide by this team credo and will do my best to model those traits that embody the vision of *FIRST* and reflect positively on the team and its sponsors.

## **FIRST OVERVIEW**

**WHAT IS FIRST?** *FIRST* (For Inspiration and Recognition of Science and Technology) is a non-profit organization that was founded to inspire and excite young people about science and technology by bringing together professional mentors with high school students from around the U.S. and several foreign countries.

**THE ORGANIZATION:** *FIRST* was founded in 1989 by inventor and visionary Dean Kamen. In the first year 28 teams participated in the only competition which was held in a high school gymnasium in New Hampshire. In 2018, there were 3,650 teams from 48 states and 26 countries (with over 3,000+ corporate and institutional sponsors) which compete in 56 regional events and the Championship event in Huston & Detroit. *FIRST* also sponsors Junior *FIRST* LEGO League, *FIRST* LEGO League and *FIRST* Tech Challenge competitions along with a series of education-related projects and programs. *FIRST* is a 501 (c) (3) organization headquartered in Manchester, New Hampshire.

**THE VISION:** Dean Kamen, founder of *FIRST*, imagines a day when the act of invention – that is, the work of scientists, engineers and technologists – is as revered in the popular culture as music, athletics and entertainment are today. The *FIRST* vision is to inspire in young people, their schools and communities, an appreciation of science and technology and an understanding that mastering these can enrich the lives of all.

**HOW IT WORKS:** Through a large, successful and growing community of educators, parents, community leaders, engineers, volunteers, and sponsors, *FIRST* builds alliances to support its vision. A part of that vision is to inspire and prepare the future talent pool, workforce, and leaders to become capable, technically-literate citizens of tomorrow. *FIRST* designs accessible, innovative programs that build self-confidence, knowledge and life skills while motivating young people to pursue opportunities in science, technology and engineering.

### **FIRST CORE VALUES:**

- **Discovery:** We explore new skills and ideas.
- **Innovation:** We use creativity and persistence to solve problems.
- **Impact:** We apply what we learn to improve our world.
- **Inclusion:** We respect each other and embrace our differences.
- **Teamwork:** We are stronger when we work together.
- **Fun:** We enjoy and celebrate what we do!

## **FIRST ROBOTICS COMPETITION**

**THE GOAL:** The *FIRST* Robotics Competition challenges teams of students and their mentors to design and build a robot in a six-week timeframe, using a standard “kit of parts”. The team has to analyze the game and strategize what type of robot would perform well. Typical teams meet months in advance of the building period to learn basic skills and be better prepared. The goal isn’t simply to build a robot; the robot is a vehicle for learning much more. The real goal is building a collaborative team, a supportive community and a solid strategy for problem solving during the competition.

**TEAMS:** The average team competing is comprised of about 25 students and 6-12 adult mentors; however, entire schools, school districts and communities are involved with *FIRST*. Typically a corporate sponsor assists in funding the team. In the case of Robot Casserole, that corporate sponsor is Caterpillar Inc. Product Development & Global Technology Division.

**WINNING:** *FIRST* redefines winning. Winning comes through excellence in design, demonstrated team spirit, gracious professionalism, and the ability/maturity to overcome obstacles. Winning comes through the building of partnerships with other students and professionals, and between schools, businesses, and communities.

**FIRST 2019** The 2019 *FIRST* Robotics Competition season begins with the release of the kits and game rules on Saturday, January 5, 2019, and will involve over **3,300+ teams** from every state across the U.S., as well as 25+ other countries. The teams and competition bring together students of different levels of achievement, different racial and social backgrounds, boys and girls, from inner cities across America as well as from rural communities. Joining the high schools and colleges/universities participating on teams will be over 3,000 sponsors representing some of the most well-known and highly regarded companies in the world.

**THE EVENTS:** There are 65 regional and district competitions scheduled to take place in February through March, across the U.S., Canada, and Israel. In addition, two Championship Event will be held in Detroit, MI and Houston, TX in April 2019. The Championship event draws participants from across the country and around the world and includes the competition itself, a *FIRST* Hall of Fame that spotlights model teams, and a conference that provides educational seminars for both students and mentors. Teams, fans and spectators will number well over 30,000 for this single 3-day event.

## **FIRST: POSITIVE IMPACT AND MEASURABLE DIFFERENCE**

**FEEDBACK:** Studies undertaken by several universities as well as thousands of stories support the positive impact of *FIRST*. The results of hard work and serious play include lives changed forever and minds opened to new knowledge and opportunities through participation in *FIRST* programs. The evaluation work is producing important data about the impact of the *FIRST* program on high school students, including:

- **ATTITUDE:** Improvement in student attitudes about science, math, teamwork and the working world.
- **SELF-IMAGE:** Improvement in students' self-image, particularly among underrepresented groups.
- **TEAMWORK:** Highly positive attitudes about teamwork, including increased respect and support students accord one another.
- **SELF-CONFIDENCE:** Student self-confidence improves after their *FIRST* experience.
- **CAREER PLANNING:** Student attitudes about the working world are significantly more positive.
- **PROFESSIONAL RELATIONSHIPS:** Two-thirds of student participants indicate interest in working for one of their team sponsors and one fifth actually had plans to work for one of their team sponsors in a summer internship or a part-time job.

**HIGHER EDUCATION:** In 2018, **over \$50 million in college scholarships** were available to students participating in *FIRST*. In many cases, whether or not scholarship is the key, *FIRST* provides students with the inspiration and confidence they need to consider college and to pursue educational and professional opportunity. Several of our graduated students have taken advantage of the *FIRST* scholarships and are currently enrolled in engineering/science/technology curriculums in college.



## ROBOT CASSEROLE 2018 SEASON



Team competed in 2018 game “PowerUp” at the Central Illinois Regional in Peoria, IL and Seven Rivers Regional in La Crosse, WI. We were the Semi Finalist at Central Illinois and Regional Winners at the Seven Rivers Regional. The team also received the Imagery Award at both regional events. The Team competed at the *FIRST* World Championship in Detroit, MI.

### History of Team Award:

2006 – Chicago Regional	Xerox Creativity Award
2007 – Wisconsin Regional	GM Industrial Design Award, Semi-Finalist
2008 – Wisconsin Regional	Judges Award
2009 – Wisconsin Regional	Chrysler Team Spirit Award
2010 – Wisconsin Regional	Chrysler Team Spirit Award
2011 – Wisconsin Regional	Chrysler Team Spirit Award
2012 – Wisconsin Regional	Imagery Award
2013 – Boilermaker Regional	Chrysler Team Spirit Award & UL Industrial Safety Award
2014 – Central Illinois Regional	Chrysler Team Spirit Award
Wisconsin Regional	Chrysler Team Spirit Award
2015 – Midwest Regional	Chrysler Team Spirit Award
2016 – Central Illinois Regional	Finalist & Imagery Award
Midwest Regional	Winner
World Championship	Imagery Award (Hopper Division)
2017 – Midwest Regional	Imagery Award
2018 – Central Illinois Regional	Imagery Award
Seven Rivers Regional	Winner & Imagery Award

## **FALL, 2018 ACTIVITIES**

### **Preseason: 09/18/18 thru 12/20/18**

- Meeting at Caterpillar Inc, Pioneer Park, Building C, 8201 N. University, Peoria, IL
- Tuesday & Thursday 6 to 8 PM
- Additional days and times as needed – TBD

### ➤ **Practical Skills Development**

During fall we will focus on training and learning skills through hands-on activities so you are prepared for the competition season. Follow are some of the areas of focus:

- Safety
- Mechanical & Fabrication
- Computer Aided 3D Design/Modeling
- Programming
- Pneumatic & Electric wiring/circuits Design
- Media Photography and Video
- Web Site design/programming
- Team building & Leadership

We will also engage in some community events and robot demonstrations to spread the word of *FIRST*. Students will be required to participate in these events.

## WINTER/SPRING 2019 SCHEDULE

Spring semester is the busiest time for Robot Casserole Robotics Team. With the build season kicking off in early January and competition events taking place throughout the following months, it is important that the momentum continues.

### **During the build season: 1-5-19 thru 2-19-19**

- **Kick off (1/5/19) – Caterpillar Warehouse, Pioneer Park @ 8:30 AM to 3:30 PM, Watch the worldwide game reveal broadcast & review the manual, Lunch will be arranged for the team members.**
- **Build Week 1 – 6:**
  - **Meeting at Caterpillar Inc., Pioneer Park, Bldg. C, 8201 N. University, Peoria, IL**
  - **Monday through Thursday 6 to 9 PM**
  - **Saturday 8 AM to 4 PM**
  - Additional days and times may be needed  
(e.g. Jan 14<sup>th</sup> MLK Day & Feb 18<sup>th</sup> Presidents Day) – TBD
  - The team will not meet on any days when there is bad weather
- Build Week 1: Game strategy, robot design concept & prototyping
- Build Week 2: Concept selection and detail design creation
- Build Week 3: Fabrication of components & sub-systems, programming
- Build Week 4: Robot assembly and sub-system integration
- Build Week 5: Robot testing and validation
- Build Week 6: Driver training and robot fine-tuning.
- **Stop Build (2/19/19) 6:00 PM**

### **Post-Build Season: 2/21/19 to night before the competition:**

(Tue, Thu 6-9 PM, Sat 8AM – 12 PM)

Design modifications, gathering and building spare parts, preparing the pit structure, travel and competition planning, driver and pit crew training.

- **Post-Build team meetings** at Caterpillar Inc, Pioneer Park, Bldg. C,
- Before first regional competition: Monday thru Thursday 6 to 8 PM & Saturday
- Between first & second regional competition: Tuesday and Thursday 6 to 8 PM
- Additional days and times may be needed – TBD

### **Central Illinois Regional: 3/21/19 to 3/23/19**

- Competition will take place in Bradley University, Renaissance Coliseum.
- <https://www.bradley.edu/academic/continue/youth/robotics/>
- Students will be responsible for travel arrangements to and from the venue. Detailed time schedule will be provided at a later date.
- Parents, siblings and friends are welcome. Admission is free.

### **Second Regional: TBA**

- Competition will take place in \_\_\_\_\_.
- Details about departure, arrival, and other travel details – TBD  
<http://www.wisconsinfrc.com/>

### **Championships: 4/25/19 to 4/27/19**

- Competition will take place in Detroit, MI at the Cobo Center & Ford Field.
- Participation is dependent on success at the regional competition
- Details about departure, arrival, and other travel details - TBD

## **TEAM REQUIREMENTS & OPPORTUNITIES**

Students are required to be passing in their studies to join the team. Students must meet & maintain their school and parental academic requirements. **Students will be required to have a signed excused absence eligibility form from their school counselor to travel with the team.**

### **ASSISTANCE**

In order to help the students meet this requirement, study time and peer/mentor tutoring will be available for students who are in need of assistance during practice time. If students need to miss a meeting to study for a test or improve their grades, that is understood.

### **OPPORTUNITIES**

There are many **REWARDS** for being a committed Robot Casserole team member:

1. Travel Opportunities
  - At a minimum the team will be traveling to one regional event which could be as close as Chicago or further away as Milwaukee (last 4 years). In 2019 we will be traveling to \_\_\_\_\_ for the second competition.
  - Potentially the team will travel to Detroit, MI for the championships
2. Scholarships
  - There are MANY scholarships available for *FIRST* team members. Check out <http://www.firstinspires.org/scholarships> for details.
  - Last year > \$50 million in scholarships were available to *FIRST* students only.
3. Internships
  - The experience students are exposed to opens doors for internships within Caterpillar and other high-tech companies. See your guidance counselor and [www.caterpillar.com](http://www.caterpillar.com) and select the "Careers" tab.
4. Experience
  - Many corporations across the nation are participating in *FIRST* and want to hire *FIRST* students. Being on a *FIRST* team will expose students to these corporations, provide them with opportunities to meet some of the mentors who work for these corporations, and help teach the students skills that these companies desire.
  - Additionally some colleges (Purdue, University of Illinois, etc.) offer college credit to engineering students who help mentor *FIRST* teams.

## **TEAMS WITHIN THE TEAM (STUDENTS AND MENTORS)**

### **SAFETY**

Safety in all we do, first priority  
Train team about safety during the season and at the events  
Assist with hands-on training for tools & power tool operation  
Establish procedures for reporting an accident or safety violation

### **ADMINISTRATION**

Develop a team budget and approve expenditures  
Coordinate event logistics including transportation and lodging  
Team and robot documentation  
Shipping

### **COMMUNICATION**

Coordinate community relations events and develop PR materials  
Document team activities through photos and video  
Create and update team web site  
Social Media

### **COMPETITION AWARDS**

Create Chairman's Award submission  
Assist with Team Identity and Imagery  
Assist with the student scholarship applications  
Design and develop peer Awards

### **COMPETITION MANAGEMENT**

- Design, develop and organize the competition pit
- Develop and implement scouting software and hardware
- Develop game strategy and team playbook
- Design and create team promotional items, banners & signs

### **SOFTWARE, CONTROLS & ELECTRICAL**

Develop software for robot automated & tele-operated control and human interface  
Design and develop electrical systems for robot and controllers  
Design and develop pneumatic systems for robot  
Assist in troubleshooting of robot operation and controls

### **MECHANICAL**

Develop design solutions based on game strategy  
Convert sketches to solid models to assembly models to working drawings  
Fabricate parts  
Assist in the assembly and troubleshooting of robot  
Create parts list and pricing

## **REQUIRED STUDENT INVOLVEMENT**

Robot Casserole students have many ways to be involved with the team. They are encouraged to participate in community events, and during the fall they participate in the team events, training, and meetings. During the build season, January 5 – February 19, students are required to become full-time active and engaged members of the team and participate in the robot building and related activities.

In order to travel with the team, students are not only required to meet the academic requirements, but they also must be active members as defined below.

### **Active Member Status:**

- **The primary factor determining whether a student is eligible to travel with the team to the regional and championship event will be ACTIVE PARTICIPATION.** Just physically being at the meetings is not enough, students must contribute their ideas and energy to the team. If students don't know what to do, they can ask any mentor for help. Team leadership will have the final say as to who is eligible to travel, students who are not actively participating will be notified by the leadership, and if the behavior continues, will be removed from the team.
- **Students are expected to be present at and participate in team meetings during the build season, be engaged and fulfill their commitment on the team unless they agree to another schedule with the team mentor. Student attendance will be tracked** to ensure students are accountable for their commitment to the team. Please notify the team lead or your sub-team mentor and record the absence in the attendance database at a team meeting. Students are responsible for signing into the attendance database every meeting and recording absences.
- **Students are expected to spread the word of *FIRST* through participating in STEM & Community outreach events.**
- **Cell Phone Usage:** Cell phones may be brought to the meetings, but must remain in the students pocket, backpack or purse unless an emergency call is required. **Students will not text, call, take pictures, share videos or music during team activities.** Additionally, **only approved members of the media team are allowed to capture or distribute any images or descriptions of team activities per the data privacy policy.** Cell phone breaks will be scheduled during the meetings to allow students to use the phones. When breaks are over, phones go back in the packs, purses, pockets. 6 weeks is not enough time to design and build a robot, but it is all we have, so we must make effective use of meeting time. **Texting is not considered active participation on the team.**

### **In Summary:**

**Student priorities should be family, school, *FIRST*, in that order.**

**Students are expected to fulfill their commitment and obligation on the team, but if you have higher priority obligations or extenuating circumstances, please communicate with the team lead or sub team lead to excuse your absence.**

## PARENT/MENTOR INVOLVEMENT

**Parents and adult mentors are strongly encouraged to help out in any way they can. This is a very important time in your child's life as they start searching for a future college major/career and you can be a big part of that decision by participating on the team.** The efforts of these mentors must be student-focused and within the spirit of *FIRST*. There are many opportunities to mentor our team's students such as:

- Mechanical Machine Design
- Software Development & Programming
- Metalworking & Part Fabrication
- Project Coordination
- Video & Graphic Publications
- Machine Shop Management
- Travel Coordination
- Electrical Design & Wiring
- CAD – Design, Drafting, Animation
- Carpentry & Construction
- Communication & Public Relations
- Event Planning
- Strategy Development & Coaching
- Scholarship coaching and submission

## COMMUNITY INVOLVEMENT

Robot Casserole keeps active in the local community, as they host and participate in events, make demonstrations and support other math and science-related programs for the area's students. Examples of these events and activities include:

Introduce a Girl to STEM Day (Oct-Nov)  
 Manufacturing Expo (Oct)  
*FIRST* LEGO League Mentoring (Sep - Dec)  
*FIRST* LEGO League Regional Tournament (Dec)  
 Engineering Week @ Peoria Riverfront Museum (Feb)  
 Peoria School District Summer Lego Robotics Camp (Jun)  
 Robo Rumble @ Peoria Riverfront Museum (Jun)  
 GoBabyGo (Various)

For more information about Robot Casserole and demonstrations, please contact us at [frc1736@gmail.com](mailto:frc1736@gmail.com).

## TEAM REGISTRATION REQUIREMENTS & COST

### TEAM REGISTRATION:

September

- Robot Casserole Application Form
- Caterpillar Release, Waiver of Liability, and Indemnity Agreement
- *FIRST* registration <https://my.firstinspires.org/AccountManager/Account/Register>

March

- Student Travel Rules & Expectations
- School excused absense

### COST:

A great deal of financial support is needed to participate in the projects the Robot Casserole Robotics Team is involved in. The team is fortunate to have excellent sponsor who covers the cost of team registration and procure material to participate in our projects. This not enough if the team has to travel to events outside of the Peoria area. The team has planned a variety of fundraisers over the course of the year to help raise money. Students are encouraged to help with and participate in these fundraising activities. Students (or their parents) may be asked to cover the amount to make up the difference for travel. To travel with the team outside Peoria, students need to pay a travel fee.

To travel with the team, students are not only required to meet the academic requirements, but they also must be active members (pg. 14).

*Note: If you or your family is unable to meet any of these requirements, or pay the travel fee, please speak with the Team Lead Mentor.*

#### Travel Fee:

2nd Regional event:       \$50    due by January 31st

Championship event:     To be decided by end of March during team meeting with parents

#### Team Apparel:

The team will provide each student (3) three team t-shirts and a chef hat. Additional t-shirts or a replacement chef hat can be purchased as follows.

T-Shirt       \$20

Chef Hat     \$10



## **PRIVILEGES, RESPONSIBILITIES, CHOICES AND CONSEQUENCES**

### **Robot Casserole *FIRST* Robotics Team**

The Robot Casserole Robotics Team Handbook identifies and explains a wide variety of activities and events that the team engages in. It also lays the foundation for the level of commitment and conduct that is expected of a member of the Team. It is up to the student to read this handbook and understand their privileges, responsibilities, choices, and consequences.

Participation in the Robot Casserole Robotics Team is a privilege, not a right. As such, there are certain responsibilities that fall on the shoulders of the student. This is an opportunity for students to demonstrate a desire for learning, leadership, cooperation, peer mentorship, and teamwork. It is also a time when students need to be responsible for their actions on both an academic level and an interpersonal level.

Students who choose to abide by the guidelines established in this handbook will experience the pride and camaraderie of being involved in a robotics team. Those who choose to ignore their responsibilities as a member of this team will be advised according to the steps that follow.

#### **Robot Casserole (RC) Disciplinary Procedure**

- Step 1      The student will be advised by a mentor as to the unacceptable actions and asked to make appropriate changes to remedy the situation. If changes are not made, proceed to the next step.
- Step 2      The student's parents will be contacted and a meeting will be scheduled with the parents, student, and appropriate mentors/administrators to discuss the situation. The student may not return to the team or participate in team activities until the meeting has taken place.
- Step 3      The student will be suspended from the team for the next 2 team functions/events or a period of 2 weeks, whichever is longer. During this time they may not participate in team meetings, team competitions, or any other activities the RC engages in.
- Step 4      The student will be removed from the team.

Addendum: If offenses are gross enough in nature, some steps maybe skipped to the point of immediate expulsion from the team.

**FACILITY:** Students are required to stay within the allocated area while at a Caterpillar facility. They are not allowed to explore, go into other areas, or touch any equipment. Students who do not comply will be asked to leave the team.

## ROBOT CASSEROLE TEAM CONTACTS AND INFORMATION

Robot Casserole	Website:	<a href="http://www.robotcasserole.org/">http://www.robotcasserole.org/</a>
Asit Patel Team Leader	Work Phone Email YouTube Facebook Twitter Pinterest Instagram	309-675-9171 frc1736@gmail.com <a href="https://www.youtube.com/user/FRC1736">https://www.youtube.com/user/FRC1736</a> <a href="https://www.facebook.com/FRCteam1736">https://www.facebook.com/FRCteam1736</a> <a href="https://twitter.com/FRC1736">https://twitter.com/FRC1736</a> <a href="https://www.pinterest.com/frc1736business/">https://www.pinterest.com/frc1736business/</a> <a href="https://www.instagram.com/frc1736/">https://www.instagram.com/frc1736/</a>
<i>FIRST</i>	Website: Phone #: Regional Director	<a href="http://www.firstinspires.org">http://www.firstinspires.org</a> 800-871-8326 or 603-666-3906 Susan Lawrence sklsumgrad@comcast.net
ILLINOIS <i>FIRST</i>	Website:	<a href="https://www.firstillinoisrobotics.org">https://www.firstillinoisrobotics.org</a>
Discussion Forum:		<a href="http://www.chiefdelphi.com/">http://www.chiefdelphi.com/</a> (make sure to register)
<b>Tim Koch</b> Caterpillar Coord.	Email	Caterpillar_STEM@cat.com
Resources:		<a href="http://www.andymark.com">www.andymark.com</a> <a href="http://www.vexrobotics.com">www.vexrobotics.com</a> <a href="http://www.digikey.com">www.digikey.com</a> <a href="http://www.smallparts.com">www.smallparts.com</a> <a href="http://www.industrialprofile.com">www.industrialprofile.com</a> <a href="http://www.mcmaster.com">www.mcmaster.com</a> <a href="http://www.grainger.com">www.grainger.com</a> <a href="http://www.torrington.com">www.torrington.com</a> <a href="http://www.bimba.com">www.bimba.com</a> <a href="http://www.bostongear.com">www.bostongear.com</a> <a href="http://www.innovationfirst.com">www.innovationfirst.com</a> <a href="http://www.banebots.com">www.banebots.com</a> <a href="http://www.onlinemetals.com">www.onlinemetals.com</a> <a href="http://www.gates.com">www.gates.com</a>

## STUDENT/PARENT ACKNOWLEDGEMENT FORM

### Robot Casserole *FIRST* Robotics Team

By signing this sheet, I verify the following:

I have read through the handbook and understand the privileges and responsibilities that being a member of this team involves.

I understand that participation on the Robot Casserole Robotics team is a privilege.

I understand that I am required to **actively participate** and the consequences of my actions can ultimately lead to my removal from the team.

I understand that being part of *FIRST* Robotics team can provide me with knowledge and skills that will benefit me for a lifetime.

I understand that I have a wide variety of opportunities available to me while on this team and I am welcome to take advantage of them.

I agree with the philosophy *FIRST* upholds – “*FIRST* inspires in young people, their schools and communities an appreciation of science and technology, and of how mastering these can enrich the lives of all.”

I understand that, as a member of the Robot Casserole, my actions reflect on not only myself and my family, but also my School, Caterpillar, and other sponsors and supporters of our team.

I agree to act with Gracious Professionalism in all that I do while a member of Robot Casserole, Team 1736 and be respectful of mentors and other team members.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Parent's Signature

\_\_\_\_\_  
Date