Robot Casserole (RC) FIRST Robotics Team 1736 — 2016-17 Calendar

Meetings are at **Caterpillar Inc. Building A, Warehouse C, Pioneer Park, 8201 N. University**, Peoria, IL.
Tuesdays and Thursdays 6:00 - 8:00 p.m. Sept. - Dec.
Meetings during build season (Jan. 7 - Feb. 21) are
Monday, Tuesday, Wednesday, Thursday 6:00 - 9:00 p.m., Saturdays 8:00 a.m. - 2:00 p.m.

SEPTEMBER 2016

Tuesday, September 13	Returning Students: Organization
Thursday, September 15	Returning Students: Season Training Plan
Tuesday, September 20	New Students: **Open House**
Thursday, September 22	New Students: **Open House**

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ALL STUDENTS: **Team Application** and **Caterpillar FRC Waiver** must be completed and turned in by **Tuesday, September 27**. Forms are available at the Open House, at www.robotcasserole.org, or by emailing team leader Asit Patel at patel_asit_r@cat.com. **FRC Consent and Release Forms** must be completed online by parents by **Tuesday, September 27**.

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Tuesday, September 27	**Safety Training** - ALL Students (required)
	Ice breaker/Team Building, Photo IDs
Thursday, September 29	ALL sub team training starts

Safety training & Handbook review meetings are required. If you miss them you must make up prior to attending any other team activities.

OCTOBER 2016

Tuesday, October 4 — **Orientation**, **Parent & Student Meeting** to review Student Handbook, Competition Season Calendar, and team expectation for the build season. **This is a required meeting**.

Thursday, October 6	Training (cont.)
Tuesday, October 11	Training (cont.)
Tue-Wed, Oct 11-12	Introduce a Girl to Engineering Days
Thursday, October 13	Training (cont.)
Tuesday, October 18	Design Challenge
Tue-Wed, Oct 18-19	8th Grade Expo, Woodruff Tech Center
Thursday, October 20	Prototype robot design, Announced
Tuesday, October 25	Design Robot
Thursday, October 27	Concept/Design Robot

NOVEMBER 2016

Tuesday, November 1	Design Robot
Thursday, November 3	Build Prototype/Build Drive train
Tuesday, November 8	Build Prototype Robot (cont.)
Thursday, November10	Build Prototype Robot (cont.)
Tuesday, November 15	Build Prototype Robot (cont.)
Thursday, November 17	Test Prototype Robot
Tuesday, November 22	Test Prototype Robot
Thursday, November 24	NO MEETING – Thanksgiving
Tuesday, November 29	Scouting Exercise/Training

DECEMBER 2016

Thursday, December 1	Cont. Projects/Training
Saturday, December 3	FTC Tournament at Manual High School
Tuesday, December 6	Cont. Projects/Training
Thursday, December 8	Cont. Projects/Training
Saturday, December 10	FLL Tournament at Bradley University
Saturday, December 17	FLL Tournament at Trewyn Middle School

Required Forms

1. Team Application - available at www.robotcasserole.org or at Open House.

2. Caterpillar Release, Waiver of Liability, and Indemnity Agreement Form - available at www.robotcasserole.org or at Open House.

3. FRC Registration & Consent Form, submitted by the student online through YTMR at https://my.usfirst.org/stims/Login.aspx
   Students & Parent MUST fill this out together. See document titled "2016 YTMR Instructions" on that site.

4. **Parents, family, and friends** who want to attend the January 9 Kickoff event must fill out FRC Consent and Release form. Form available from team leaders.

6. FIRST Student Travel Rules and Expectations Form (passed out at parent meeting in March).

Updated 7/15/2016

JANUARY/FEBRUARY 2017

Tuesday, January 3	Prepare for Kick-off (6-8pm)
Thursday, January 5	Prepare for Kick-off (6-8pm)
Saturday, January 7	**Competition Kick-off** Bradley University (Renaissance Coliseum) - Parents, family, and friends welcome, but must fill out a consent forms. Doors open at 8:30 a.m., . The team will return to the warehouse to begin brainstorming, ending at 3:00 p.m. Lunch will be provided for team members.
Sunday Jan 8	Game simulation & strategy

Build Season Time: Monday-Thursday 6pm – 9 pm, Saturday 8am – 3 pm

Mon Jan 9 - Sat Jan 14	BUILD WEEK 1 - Game strategy, robot concept & prototyping
Mon Jan 16 - Sat Jan 21	BUILD WEEK 2 – Prototyping, Concept selection and detail design creation
Thru, Jan 21	Safety Animation Due
Mon Jan 23 - Sat Jan 28	BUILD WEEK 3 - Subsystem fabrication, programming.
Mon Jan 30 - Sat Feb 4	BUILD WEEK 4 - Robot assembly & sub-system integration
Mon Feb 6 - Sat Feb 11	BUILD WEEK 5 - Robot testing & validation
Thru, Feb 9	Chairman's Award Due
Mon Feb 13 – Sat Feb 18	BUILD WEEK 6 - Driver training & robot fine tuning.
Thru, Feb 16	Dean List Nomination Due
Sunday, February 19	Drive Team Selection
Monday, February 20	Presidents Day, Meet 9AM-4PM
Tuesday, February 21	**STOP BUILD DATE** - Robot is bagged by 6 PM.

Tentative meeting Schedule between February 23rd and Regional Competition will be as follows:

Tuesday's	6-9 pm
Thursday's	6-9 pm
Saturday's	8am – 12pm

MARCH 2017

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Students attending the regional competition must get permission and complete required paperwork with their schools for their absence.

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Tuesday, March 7	**PARENT MEETING** before the competition (required - forms to be signed)
March 16-18	**Central Illinois Regional**, Bradley University, Renaissance Coliseum, 1600 W Main St, Peoria, IL http://www.ilfirst.org/frc/events/central-illinois-regional/
March 29-April 1	**Midwest Regional**, UIC Pavilion, 525 South Racine Avenue, Chicago, IL 60607 http://www.ilfirst.org/frc/events/midwest-regional.html
March 9-11	Saint Louis Regional
March 23-25	Wisconsin Regional

APRIL 2017

April 27 - 29	Championship, Edward Jones Dome, St. Louis, MO

Terminology:
FIRST - acronym of "For Inspiration and Recognition of Science and Technology" www.firstinspires.org
RC - Robot Casserole, FIRST Team 1736 www.robotcasserole.org
FRC - FIRST Robotics Competition
STIMS - Student Team Information Member System (online registration tool)
TIMS - Team Information Management System (for team leads and mentors)

Other Web Sites:
Illinois FIRST – www.ilfirst.org/frc.html
Chief Delphi portal & forums www.chiefdelphi.com

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