Robot Casserole (RC) FIRST Robotics Team 1736 2017-18 Calendar

Meetings are at **Caterpillar Inc. Pioneer Park, Building A, 8201 N. University**, Peoria, IL.
Tuesdays and Thursdays 6:00 - 8:00 p.m. Sept. - Dec.
Meetings during build season (Jan. 8 - Feb. 20) are
Monday, Tuesday, Wednesday, Thursday 6:00 - 9:00 p.m., Saturdays 8:00 a.m. - 2:00 p.m.

SEPTEMBER 2017

Tuesday, September 12	New Students: **Open House**
Thursday, September 14	New Students: **Open House**
Tuesday, September 19	**Safety Training** - ALL Students (required)
Thursday, September 21	Team building, Ice Breaker, Photo IDs

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ALL STUDENTS: **Team Application** and **Caterpillar Waiver** must be completed and turned in by **Tuesday, September 28**. Forms are available at the Open House, at www.robotcasserole.org, or by emailing team leader Asit Patel at frc1736@gmail.com. **FRC Consent and Release Forms** must be completed online by parents by **Tuesday, October 3.**
Safety training & Handbook review meetings are required. If you miss them you must make up prior to attending any other team activities.

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Tuesday, September 26	ALL sub team training starts
Thursday, September 28	Training (cont.)

OCTOBER 2017

Tuesday, October 3 — **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 5	Training (cont.)
Tuesday, October 10	Training (cont.)
Thursday, October 12	Training (cont.)
Tuesday, October 17	Training (cont.)
Thursday, October 19	Training (cont.)
Saturday, October 21	Robot driving practice
Tuesday, October 24	Design Challenge
Thursday, October 26	Prototype robot design, Announced
Tuesday, October 31	Concept/Design Robot

NOVEMBER 2017

Thursday, November 2	Concept/Design Robot
Tuesday, November 7	Design Robot
Thursday, November 9	Build Prototype/Build Drive train
Tuesday, November 14	Build Prototype Robot (cont.)
Thursday, November 16	Build Prototype Robot (cont.)
Tuesday, November 21	Build Prototype Robot (cont.)
Thursday, November 23	NO MEETING – Thanksgiving
Tuesday, November 28	Test Prototype Robot
Thursday, November 30	Scouting Exercise/Training

DECEMBER 2017

Saturday, December 2	Robot driving practice
Tuesday, December 5	Cont. Projects/Training
Thursday, December 7	Cont. Projects/Training
Tuesday, December 12	Cont. Projects/Training
Thursday, December 14	Cont. Projects/Training
Saturday, December 9	*FIRST* Lego League Qualifier at Bradley University
Saturday, December 16	*FIRST* Lego League Qualifier at Woodruff High 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 on team website or at Open House.
3. FIRST Registration & Consent Form, submitted by the student online at https://my.usfirst.org/stims/Login.aspx
   If for the first time click on "Sign up Here."
   Students & Parent MUST fill this out together. See document titled "2016 YTMR Instructions" on that site.
4. Student Team Hand Book Acknowledgement Form - Form - available on team website or at Parents Night on Oct 3rd.
5. FIRST Student Travel Rules and Expectations Form (passed out at parent meeting in March).

Required Meetings
Sept 19th - Safety Training (students)
Oct 3rd - Orientation (parents & students)
Mar 7th - Parents Night (parents & students)

Community Events & Demonstrations
Must attend min 2 events
- *FIRST* Lego League Qualifier - Dec
- Engineering Day - Feb
- RoboRumble – Jun
- Middle School Outreach – TBD
- High School Outreach – TBD
- Lego Workshop – TBD
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Updated 8/15/2017

JANUARY/FEBRUARY 2018

Tuesday, January 2	Prepare for Kick-off (6-8pm)
Thursday, January 4	Prepare for Kick-off (6-8pm)
Saturday, January 6	**Competition Kick-off @** Bradley University (Renaissance Coliseum)
	- Parents, family, and friends welcome, admission is FREE
	Doors open at 8:00 a.m. The team will return to the warehouse to begin brainstorming, ending at 3:30 p.m. Lunch will be arranged for team members.
Sunday, January 7	12-4pm - Game simulation & strategy

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

Mon Jan 8 - Sat Jan 13	BUILD WEEK 1 - Game strategy, robot concept & prototyping
Mon Jan 15 - Sat Jan 20	BUILD WEEK 2 – Prototyping, Concept selection and detail design creation
	Monday, Jan 15 – MLK day 9am – 4pm
Jan TBD	Safety Animation Due
Mon Jan 22 - Sat Jan 27	BUILD WEEK 3 - Subsystem fabrication, programming.
Mon Jan 29 - Sat Feb 3	BUILD WEEK 4 - Robot assembly & sub-system integration
Mon Feb 5 - Sat Feb 10	BUILD WEEK 5 - Robot testing & validation
Thru, Feb 8 @ 3pm	Chairman's Application Due
Mon Feb 12 – Sat Feb 17	BUILD WEEK 6 - Driver training & robot fine tuning.
Thru, Feb 15 @ 3pm	Dean List Nomination Due
Saturday, February 17	Drive Team Selection
Sunday, February 18	Engineering Day, Peoria Riverfront Museum
Monday, February 19	Presidents Day, Meet 9AM-4PM
Tuesday, February 20	**STOP BUILD DATE** - Robot is bagged by 6 PM.

Tentative meeting Schedule between February 22rd and Regional Competition will be as follows:

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

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Attendance & team participation determine your ability to travel and attend the Regional Competitions. Students attending the regional competition must get permission and complete required paperwork with their schools for their absence. Absence forms for Richwood High School available at the meeting.
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MARCH 2018

Tuesday, March 6	**PARENT MEETING** before the competition (required travel form to be signed)
March 15-17	**Central Illinois Regional**, Bradley University, Renaissance Coliseum, 1600 W Main St, Peoria, IL
	https://www.bradley.edu/academic/continue/youth/robotics/
April 5-7	**Seven River Regional**, La Crosse Center, 300 Harborview Plaza, La Crosse, WI
	http://www.wisconsinfrc.com/

APRIL 2018

April 26 - 28	Championship, Cobo Center, Detroit, MI

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
FIRST Registration Site - https://my.firstinspires.org/AccountManager/Account/Register (New User)
Other Web Sites:
FIRST Blog - https://www.firstinspires.org/robotics/frc/blog/
Illinois FIRST – www.ilfirst.org/frc.html
Chief Delphi portal & forums www.chiefdelphi.com