Robot Casserole (RC) FIRST Robotics Team 1736 2018-19 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. 5 - Feb. 19) are
Monday, Tuesday, Wednesday, Thursday 6:00 - 9:00 p.m., Saturdays 8:00 a.m. - 4:00 p.m.

SEPTEMBER 2018

Tuesday, September 11	New Students: **Open House**
Thursday, September 13	New Students: **Open House**
Tuesday, September 18	**Safety Training** - ALL Students (required)
Thursday, September 20	Team building, Ice Breaker, Photo IDs

>>

ALL STUDENTS: **Team Application** and **Caterpillar Waiver** must be completed and turned in by **Thursday, September 27**. 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 2.**

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

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

Tuesday, September 25	ALL sub team training starts
Thursday, September 27	Training (cont.)

OCTOBER 2018

Tuesday, October 2 — **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 4	Training (cont.)
Tuesday, October 9	Training (cont.)
Thursday, October 11	Training (cont.)
Tuesday, October 16	Training (cont.)
Thursday, October 18	Training (cont.)
Tuesday, October 23	Robot driving practice
Thursday, October 25	Design Challenge
Friday, October 26	Caterpillar demo, Trick or Treat
Tuesday, October 30	Prototype robot design, Announced

NOVEMBER 2018

Thursday, November 1	Concept/Design Robot
Tuesday, November 6	Design Robot
Thursday, November 8	Build Prototype/Build Drive train
Tuesday, November 13	Build Prototype Robot (cont.)
Thursday, November 15	Build Prototype Robot (cont.)
Tuesday, November 20	Build Prototype Robot (cont.)
Thursday, November 22	NO MEETING – Thanksgiving
Tuesday, November 28	Test Prototype Robot
Thursday, November 30	Scouting Exercise/Training

DECEMBER 2018

Tuesday, December 4	Cont. Projects/Training
Thursday, December 6	Cont. Projects/Training
Saturday, December 8	*FIRST* Lego League Qualifier at Bradley University
Tuesday, December 11	Cont. Projects/Training
Thursday, December 13	Cont. Projects/Training
Saturday, December 15	*FIRST* Lego League Qualifier at Woodruff High School
Tuesday, December 18	Cont. Projects/Training
Thursday, December 20	Prepare for Kick-off

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 2rd.
5. FIRST Student Travel Rules and Expectations Form (passed out at parent meeting in March).

Required Meetings

Sept 18th - Safety Training (students)
Oct 2rd - Orientation (parents & students)
Mar 5th - 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
- . . . .

Updated 7/10/2018

Caterpillar: Confidential Green

JANUARY/FEBRUARY 2019

Thursday, January 3	Prepare for Kick-off (6-8pm)
Saturday, January 5	**Competition Kick-off @ Warehouse** **8:30 AM – 3:30 PM** Watch the challenge reveal &l discuss the game. Lunch will be arranged for team members.
Sunday, January 6	12-4pm - Game simulation & strategy
Build Season Time: Monday-Thursday 6pm – 9 pm, Saturday 8am – 4 pm	
Mon Jan 7 - Sat Jan 12	BUILD WEEK 1 - Game strategy, robot concept & prototyping
Mon Jan 14 - Sat Jan 19	BUILD WEEK 2 – Prototyping, Concept selection and detail design creation Monday, Jan 15 – MLK day 8am – 4pm
Mon Jan 21 - Sat Jan 26	BUILD WEEK 3 - Subsystem fabrication, programming.
Mon Jan 28 - Sat Feb 2	BUILD WEEK 4 - Robot assembly & sub-system integration
Mon Feb 4 - Sat Feb 9	BUILD WEEK 5 - Robot testing & validation
Thru, Feb 7 @ 3pm	Chairman's Application Due
Mon Feb 11 – Sat Feb 16	BUILD WEEK 6 - Driver training & robot fine tuning.
Thru, Feb 14 @ 3pm	Dean List Nomination Due
Saturday, February 16	Drive Team Selection (8am – 4pm)
Sunday, February 17	Driver Practice (12pm – 4pm)
Sunday, February 17	Engineering Day, Peoria Riverfront Museum
Monday, February 18	Presidents Day, Meet 1pm-8pm
Tuesday, February 19	**STOP BUILD DATE** - Robot is bagged by 6 pm.

Tentative meeting Schedule between February 21rd and Regional Competition will be as follows:

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

>>>
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.
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

MARCH 2019

Tuesday, March 5	**PARENT MEETING** before the competition (required travel form to be signed)
March 21-23	**Central Illinois Regional**, Bradley University, Renaissance Coliseum, 1600 W Main St, Peoria, IL https://www.bradley.edu/academic/continue/youth/robotics/
TBD	**Second Regional**

APRIL 2018

April 25 - 27	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

Updated 7/10/2018

Caterpillar: Confidential Green