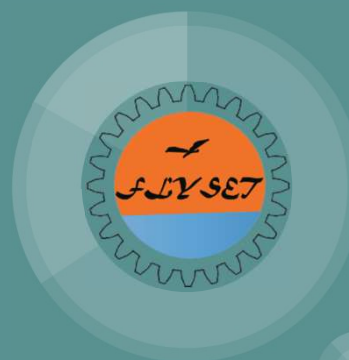


2018 FLYSET FTC Workshop

9/3/2018

Location: Schimelpfenig Middle School



Hosting Teams

8565 - Technibots (Plano Community Team)

12900 - Schim Robotics (Plano ISD, Schimelpfenig Middle School)

technibots 8565



2018 FLYSET FIRST+PTC Workshop			
Time: 9/3/2018 9am-4pm Location: Schmeipfenig Middle School, 2400 Maumelle Dr., Plano, TX 75023 Hosting teams: 8565, 12900			
Morning Sessions			
Time Slot	Session title	location	Team
9:00am-9:05am	Introduce hosting teams	cafeteria	8565/12900
9:05am-9:10am	Introduce all study participant teams	cafeteria	coaches from 6832/ 8114/12764
9:10am-9:15am	Summer Chassis Study project background and goals	cafeteria	8565 coach
9:15am-9:25am	Summer Chassis Study project Test Design	cafeteria	8565
9:25am-9:40am	Summer Chassis Study project Chassis Design	cafeteria	12764
9:40am-10:40am	Summer Chassis Study project Result (chassis 1-7)	cafeteria	8565
10:40am-10:50am	break		
10:50am-11:10am	Summer Chassis Study project Result (chassis 8-9 and Summary)	cafeteria	8565
11:10am-11:20am	Summer Chassis Study project Result (Tracked Chassis)	cafeteria	8114
11:20am-11:35am	Summer Chassis Study project Result (Garcomp, Bigwheel)	cafeteria	6832
11:35am-12:00pm	Lessons Learnt (Motive Award winner at World Championship)	cafeteria	6832
Lunch			
Afternoon Sessions Track 1: PTC workshop			
Time Slot	Session title	location	Team
1:00pm-1:45pm	Introduction to PTC and Exercise 1	classroom	8565
1:45pm-2:15pm	Exercise 3	classroom	8565
2:15pm-2:30pm	break		
2:30pm-3:00pm	Exercise 4	classroom	8565
3:00pm-4:00pm	Exercise 6	classroom	8565
Afternoon Sessions Track 2: CAD Tips/Tricks Sessions			
1:00pm-1:30pm	Highlights of Fusion 360	cafeteria	9010
1:30pm-2:00pm	CAD Tips/Tricks	cafeteria	8565/9010
2:00pm-2:05pm	product/certificate giveaway drawing		
2:05pm-3:00pm	Rookie team experience panel discussion	cafeteria	12900/12764/ 12877/9010/7172
3:00pm-3:05pm	product/certificate giveaway drawing		
Afternoon Sessions Track 3: Chassis Demo and Showcase			
1:00pm-3:30pm	Demo and showcase in the FTC field with test elements	cafeteria	
	Thanks to all Summer Chassis project participating teams: 6832, 8114, 12764		



Summer Chassis Study Project Participating Teams

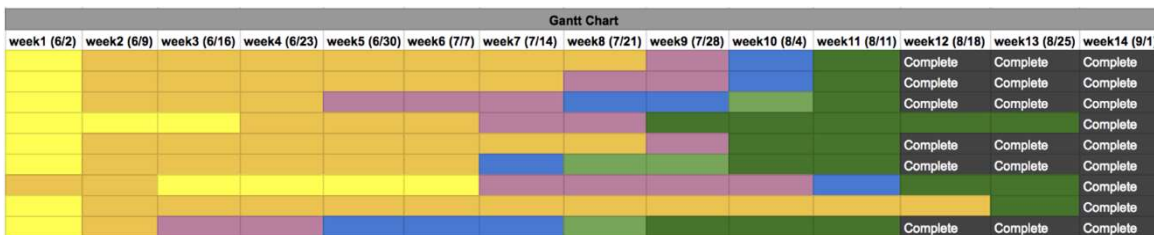


Summer Chassis Study Project Goals

- Learn how to build a chassis - a good foundation for high performance robot
- Study different chassis properties with first hand experience
- Let the team members practice CAD modeling on a simple project before building physically
- Cross training of team member skills - each team member will learn how to CAD, build, configure, and test their chassis
- Learn project management skills - Gantt Chart



Project Management Gantt Chart





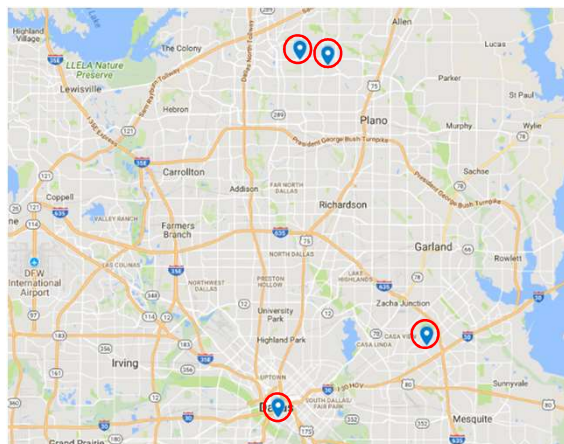
Summer Chassis Study Project Resources

- Explore GrabCAD: <https://grabcad.com/>
- Chassis Test Code: <https://tinyurl.com/FLYSETChassisStudyTestCode>
- Chassis comparison results:
<https://tinyurl.com/FLYSETChassisStudyTestResults>



Joint Summer Chassis Study Project

- Exchange the ideas between teams
- Rotate monthly meetings within Metroplex during the summer
- Discuss the assumptions for the chassis for common base
- Discuss the standard tests to be performed



Sponsors



Product Giveaways



Two TorqueNADO
motors



Two REV HD
HEX motors



Certificate Giveaways

Gift Certificate

To:	Amount:
From: AndyMark Inc	\$25.00

Gift Certificate

To:	Amount:
From: AndyMark Inc	\$25.00

Gift Certificate Code: XXXXXXXXXX

To redeem your gift certificate, visit our website at: <http://www.andymark.com/redeem>

Expires 8/16/2019



T shirt Giveaways



Giveaways Drawing at 2pm and 3pm

