

2018 Rover Ruckus Kickoff Georgia FIRST Tech Challenge


Saturday, September 8, 2018, 8:00 AM


PACE Academy
966 W. Paces Ferry Road NW
Atlanta, GA 30327

Schedule

Start	End	Activity	Location
8:00 AM	8:15 AM	Team Check-In	Atrium
8:15 AM	8:45 AM	Opening Remarks	Auditorium
9:00 AM	10:00 AM	Session 1 Workshops	Classrooms & Auditorium
10:15 AM	11:15 AM	Session 2 Workshops	Classrooms & Auditorium
11:30 AM	12:00 PM	Pre-Show	Auditorium
12:00 PM	1:00 PM	Game Reveal & Referee Q&A	Auditorium
1:00 PM	1:30 PM	Team Field Access	Auditorium Stage

Workshops

FIRST Tech Challenge in Georgia	<i>Rookie Teams Coaches & Mentors Sponsors</i>	Session 1	Session 2
Linda Pham & Teri Verhine <i>Past & Present FIRST Senior Mentors</i>		✓ 	
Learn about what FIRST Tech Challenge is and what to expect throughout the season. Intended for Coaches and Parents to help them understand aspects of what your teams will experience.			

Judging and your Engineering Notebook		Session 1	Session 2
Dean Della Bernarda <i>World Championship Judge</i>	<i>Students</i>		✓ 
Learn about the judging process and what the engineering notebook is all about, including what you must have in it to qualify for the different awards. Includes tips for going above and beyond to get your team noticed.			

Judging for Coaches & Mentors		Session 1	Session 2
Robert Montgomery <i>Georgia State Judge Advisor</i>	<i>Coaches & Mentors</i>	✓	✓
Learn about the judging process and what the engineering notebook is all about, including what your students must have in it to qualify for the different awards. This workshop is designed to focus on the point of view of the coaches and mentors, and to help provide the information necessary to help your students succeed with the Judging process.			


Garnering Local Sponsorships		Session 1	Session 2
Doug Huggins <i>Sponsorship & Fundraising Chair</i>	<i>Students Coaches & Mentors</i>	✓	✓
Get experienced advice on methods for getting local sponsors to support your team.			


Understanding the Dean's List Award Process		Session 1	Session 2
Ariana Garbers <i>2018 Dean's List Award Winner</i>	<i>Students Coaches & Mentors</i>	✓	✓
Learn what the Dean's List is and the interview process. This is a great place to get interview advice and pointers for creating nominations.			


FIRST Tech Challenge Curriculum		Session 1	Session 2
Jamie Sachs <i>FIRST Education</i>	<i>Coaches & Mentors Educators</i>	✓	
Did you know FIRST has a classroom-based curriculum for FIRST Tech Challenge? Learn about the curriculum and how it can help you during the school year.			

Sponsor Workshop		Session 1	Session 2
Linda Pham & Teri Verhine <i>Past & Present FIRST Senior Mentors</i>	<i>Sponsors (Past, Present, Future)</i>		✓
This is an informational session specifically for our invited sponsors. All past, current, and potential sponsors are welcome. If you have a sponsor you would like to invite, let them know to arrive at the Kickoff by 9:00 AM, and we will see them there!			

Scoring Strategy		Session 1	Session 2
Twisted Axles <i>Team 6047 – Praise Academy</i>	<i>Students</i>	✓	✓
Learn some successful tips on deciphering and choosing your strategy for maximizing your scores in the shortest time possible. Taught by our own two-time FIRST Tech Challenge World Championship participant team, Twisted Axles.			


Introduction to FIRST Tech Challenge Electronics		Session 1	Session 2
Paul Davidson <i>Brookstone School Robotics Coach</i>	<i>Students</i>	✓ 	✓
Learn about the electronics used on a FIRST TECH Challenge robot, including details about the REV Robotics expansion hub, proper wiring rules, and common practices.			

Drivetrain Basics		Session 1	Session 2
	<i>Students</i>	✓ 	✓
Get an introduction to the ways of creating a great drivetrain for your robot.			

Programming with Android Studio		Session 1	Session 2
Vince Westin <i>Georgia Lead FTA</i>	<i>Students</i>	✓	✓ 
Get an introduction to the Android Studio programming language. The workshop will quickly go over installation and getting your first program running.			

FIRST Tech Challenge Blocks Programming Tool		Session 1	Session 2
Eagle Robotics <i>Mount Paran Christian School</i>	<i>Students</i>	✓	✓
Get an introduction to the FIRST Tech Challenge Blocks Programming Tool powered by Google's Blockly software. The workshop will quickly go over installation and getting your first program running.			

Image Processing with Vuforia		Session 1	Session 2
Juan Carlos Santamaria <i>Blessed Trinity Catholic High School</i>	<i>Students</i>	✓	✓
Get an introduction to Vuforia, a tool for utilizing the camera on your robot controller.			

Surviving the Robot Inspection		Session 1	Session 2
Eric Richardson <i>Georgia Lead Inspector</i>	<i>Students</i>	✓	✓ 

This will go over the details of what robot inspection is looking for and tips for getting through inspection quickly. This will also cover new changes to the inspection process, what is allowed, and what is prohibited.

Promoting Your Team through Social Media		Session 1	Session 2
	<i>Students</i>	✓	✓
Learn about some tips and ideas for properly promoting your team in social media. Discuss the types of forums available that the current FIRST network uses, and the rights and wrongs of posting.			

Introduction to 3D CAD		Session 1	Session 2
Curtis Volin & Eagle Robotics	<i>Students</i>	✓	✓
Get a quick start look at working with 3D CAD software so that you can do a better job documenting the construction of your robot. It's always a good idea to document your design and put it in your engineering notebook!			

League Coordinator Workshop		Session 1	Session 2
Steven Hovey <i>Georgia Affiliate Partner Program Manager</i>	<i>League Coordinators (Current and Future)</i>	✓	
Discuss the season and what League Coordinators should expect to provide for their leagues. This session is required for all existing contracted League Coordinators and is open to any coaches or adult delegates of teams that may be interested in exploring the League Coordinator Role.			

✓ - Local Workshop Scheduled



- Webcast Scheduled