



2009 TE Sessions Supported by

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THE ARTHUR M. BLANK  
FAMILY FOUNDATION

**Rockwell**  
**Automation**

**RoboJackets**  
FIRST - IGVC - BATTLEBOTS - ROBOCUP



The George W. Woodruff  
School of Mechanical Engineering

**Georgia**  
**Tech** College of  
Computing

Teacher Meeting  
September 8, 2009

[www.robojackets.org](http://www.robojackets.org)



# FIRST Overview

- FRC
  - Overall goal for sessions in terms of preparation
- FTC
  - Our kits
  - NXT Lego + metal kit + add on for more motors
- FLL



# 2009

- Locations
  - Basic - Klaus 1116 E&W (expect for a few days)
  - Adv – 3<sup>rd</sup> floor CCB, French Building, ECE Lab
- Parking
  - W21
- Laptops
  - At present we cannot provide
  - We are still working on this



# TE Schedule

## Basic

- Teacher Orientation Meeting 09/08
- Intro to Robotics and LabVIEW 09/15
- Mech Power Transmission 09/22
- Fluid Power & Automation 09/29
- Manipulation 10/06
- Manipulation II 10/13
- Drive Types 10/27
- Auto Control: Sensors 10/30
- Auto Control: LabVIEW Flow 11/03
- Competition Techniques 11/10

## Advanced / Special

- Dates TBA deepening on room availability



# Kit Info

- Workshop grade FTC Kit
  - Less parts
- Kits are **loaned** for use during the sessions
  - Teams cannot take back from GT
- Can participate in TE Final comp with kit
  - Limited capacity, but very doable



# Q&A