



2008 TE Sessions Supported by

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Rockwell
Automation

Georgia
Tech



RoboJackets
FIRST - IGVC - BATTLEBOTS - ROBOCUP

Teacher Meeting
Saturday, Sept 6, 2008

www.robojackets.org



Objectives

- Mechanical Foundations
- Exposure to the new FRC Control System
- Exposure to LabVIEW
- What's out there past FIRST
 - Special Topics
- Implementation w/final competition
 - Saturday, Nov 8, 2008 Klaus Atrium



Outline

- 4 Mechanical
 - Condensed in regard to last year
- 4 – 5 LabVIEW
- 3 - 4 Special Topics



Schedule

- Sept. 09, 2008 - Intro to Robotics and Structures
- Sept. 16, 2008 - Mechanical Power Transmission
- Sept. 23, 2008 - Drive Types
- Sept. 30, 2008 - Manipulation and Fluid Power
- Oct. 07, 2008 - Fabrication, Safety and Electrical
- Oct. 14, 2008 - Introduction to LabVIEW
- Oct. 21, 2008 - LabVIEW 2
- Oct. 28, 2008 - LabVIEW 3
- Nov. 04, 2008 - LabVIEW and Compact Rio



Locations

- Parking
 - W21 (free after 5pm)
- Rooms
 - 1457
 - 1443
- TE Competition
 - Klaus Atrium and this room (1116)



Logistical Considerations

- Kits & LabVIEW
 - Kits are NXT's (not usable in FTC)
- Laptops
 - Note: Vote was made to keep LabVIEW sessions on Tue and for schools to provide their own laptops.
- FRC Controller Beta testing and integration



Website

- Materials
 - [http://wiki.robojackets.org/w/2008 TE Session Materials](http://wiki.robojackets.org/w/2008_TE_Session_Materials)
- Google Map
 - <http://maps.google.com/maps/ms?ie=UTF8&hl=en&msa=0&msid=117322627303965533211.0004562c69276084fa800&t=h&z=14>



Questions

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