



## 2008 TE Sessions Info Sheet

Technology Enrichment Coordinators

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# RoboJackets

All teams must register by 11:30PM Friday, September 5, 2008. Due to changes in kits this year the, RoboJackets will only be able to accommodate 20 teams. This will be done on a first come first served basis. All session will be on Tuesdays from 5:00 PM till 7:30 PM.

To register email the above contacts with the following information:

a) School Name, b) FRC Team Number, c) Team Name, d) Estimated Attendance, and e) Contact Info.

#### Schedule:

- Teacher Informational Meeting (Saturday, September 6, 2008)
- First Session (September 9, 2008)
- Last Session (November 4, 2008)
- Competition (Saturday, November 8, 2008)

#### Content:

A new addition to our basic sessions this year will be LabVIEW tutorials and a sneak peak at the upcoming FIRST controller. We have reworked our basic sessions this year to accommodate such a change. Below you will find our tentative outline.

#### Basic Sessions

- Introduction to Robotics & Structures
- Power Transmission
- Drive Types
- Fluid Power
- Wiring
- Introduction to LabVIEW
- Driving motors with LabVIEW
- Reading back sensors in LabVIEW
- Pneumatics in LabVIEW and system integration

#### Special Topics

- Autodesk Inventor
- Controls
- Manipulation
- Advanced Robotics
- C Programming

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