



# RoboJackets

## 2009 Technology Enrichment Sessions

For the 8th year RoboJackets will host a workshop series aimed at providing schools with a well rounded foundation in robotics.

**Registration Deadline: 11:30 PM Wednesday, September 2, 2009**

### Important Changes This Year

- Lab based format
- The FTC Kit will serve as the workshop kit
- Final competition will serve as a FTC scrimmage
- Advanced sessions are restricted to seniors
- Basic Sessions initially limited to 8 slots per team
- Advanced sessions initially limited to 3 per team

### Key Dates

- Sept. 2 - Registration Deadline
- Sept. 8 - Teacher Meeting
- Sept. 15 - First Session
- Nov. 10 - Last Session
- Nov. 14 - FTC Scrimmage

### Registration Process

Send email to stefan.posey@gatech.edu or andyb@gatech.edu containing:

- School Name
- Team FRC Number
- Team Name
- Estimated Attendance (basic & advanced)
- Contact email

### Basic Sessions

- Sept. 15, 2009 - Intro to Robotics and LabVIEW
- Sept. 22, 2009 - Mechanical Power Transmission
- Sept. 29, 2009 - Fluid Power and Automation
- Oct. 06, 2009 - Manipulation
- Oct. 13, 2009 - Manipulation II
- Oct. 20, 2009 - Drive Types
- Oct. 27, 2009 - Autonomous Control
- Nov. 03, 2009 - Autonomous Control II
- Nov. 10, 2009 - Competition Techniques

### Advanced Sessions\*

- Compact Rio I
  - Compact Rio II
  - Autonomy and Programming I
  - Autonomy and Programming II
  - Mechanical Computer Aided Design (Inventor)
  - Mechanical Design & Fabrication Practices
  - Electrical Computer Aided Design (EagleCAD)
  - Electrical Fabrication
  - Computer Vision Concepts
- \*Exact Scheduling to be determined



2009 TE Sessions are currently supported by:



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