

**LEGO Robotics to Wireless Integrated MicroSystems
(WIMS) For Beginners
June 16 – 20, 2008**

Tentative Schedule



Monday, June 16, 2008 (8:00 am – 12:00 Noon)

Introduction of Staff

Building Layout

Daily Schedule

Introduction to robotics

Introduction to LEGO Mindstorms NXT Building, Programming Guides, & Mini box challenges

Students work in pairs at their own pace (Driving Base, Bumper, Graber, Sound Control, Light Sensor, & Ultra Sonic Sensor)

Homework assignment

Tuesday, June 17, 2008 (8:00 am – 12:00 Noon)

Introduction to FLL

Students continue with (Driving Base, Bumper, Graber, Sound Control, Light Sensor, & Locate Object)

Homework Assignment

Wednesday, June 18, 2008 (8:00 am – 12:00 Noon)

Introduction to 2007 FLL Missions

Robot Design

Robot End Effectors (Push, Fixed Arms, Motor)

Start to Design, Build & Program Robots for 2007 Missions

Thursday, June 19, 2008 (8:00 am – 12:00 Noon)

Continue with solving 2007 FLL Missions

Friday, June 20, 2008 (8:00 am – 12:00 Noon)

Continue with solving 2007 FLL Missions

FLL Tournament - 10:30 a.m.

Reception – 11:30 a.m.

