



# 2ND ANNUAL FREE ROBOTICS TEACHER WORKSHOP

## RESERVATIONS REQUIRED

*Friday, June 20, 2008/ Saturday, June 21, 2008*

*Rookie Teacher Workshop*

*Monday June 23, 2008/ Tuesday June 24, 2008*

*2nd Level Teacher Workshop*

*8:00am to 2:00pm*



#### Rookie Teacher Workshop

- 1- Introduction (45 Minutes) **8:00 to 8:45**  
"The Team"  
*FIRST.* We will play some of the Video Clips from *FIRST* and Events.
- 2- Design Process (30 Minutes) **8:50 to 9:20**  
**Break 9:20 to 9:35**
- 3- Motors (30 Minutes) **9:35 to 10:05**
- 4- Drive Systems (30 Minutes) **10:05 to 10:35**
- 5- Build Session (40 Minutes) **10:35 to 11:15**  
**Lunch 11:15 to 11:45**
- 3- Safety (30 Minutes) **11:45 to 12:15**
- 4- Arms and Lifts (30 Minutes) **12:20 to 12:50**
- 5- Introduction of the Game (20 Minutes) **12:55 to 1:15**
- 6- Build Session (40 Minutes) **1:15 to 1:55**
- 7- Questions / Homework (5 minutes) **1:55 to 2:00**

- 1- Strategy and Scouting (30 Minutes) **8:00 to 8:30**
- 2- Arms and Lifts (30 Minutes) **8:35 to 9:05**
- 3- Pneumatics (30 Minutes) **9:10 to 9:40**  
Break
- 4- CAD/ Animation (30 Minutes) **9:55 to 10:25**
- 5- Programming (30 Minutes) **10:30 to 11:00**  
**Lunch 11:00 to 11:45**
- 6- Build Session **11:45 to 12:30**
- 7- Competition **12:30 to 1:45**
- 8- Wrap Up **1:45 to 2:00**

#### 2nd Level Workshop

**Bring Your Laptop with Easy C and CAD software**

- 1- Welcome and Introductions (30 minutes) **8:00 to 8:30**
- 2- 2008 Season Lessons Learned (45 minute) **8:35 to 9:20**
- 3- How to take this to the next level (30 minutes) **9:25 to 10:05**  
**Break (15 minutes) 10:05 to 10:20**
- 4- Workshop Game Design (30 minutes) **10:20 to 10:50**
- 5- Build Session (60 minutes) **10:55 to 11:55**  
**Lunch 12:00 to 12:30**
- 6- How to bring in other teachers (30 minutes) **12:30 to 1:00**
- 7- The new control system (45 minutes) **1:05 to 1:50**
- 8- Questions/ Homework (10 minutes) **1:50 to 2:00**

- 1- Programming (60 minutes) **8:00 to 9:00**
- 2- Build Session **9:00 to 9:45**  
**Break 9:45 to 10:00**
- 3- CAD **10:00 to 10:30**
- 4- Animation **10:30 to 11:15**  
**Lunch 11:15 to 11:45**
- 5- Build Session / testing **11:45 to 12:30**
- 6- Competition **12:30 to 1:45**
- 7- Wrap up **1:45 to 2:00**



To Reserve Your Space Today Contact:  
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