

Advanced NXT-G Programming for FLL Coaches

Purpose:

This is a 6-hours workshop to introduce coaches to advanced NXT-G programming techniques. Group hands on activities are included. Approximately one NXT per 4 participants.

Workshop Topics:

- **MOVE vs. MOTOR block**
- **Important blocks**
 - LOOP, SWITCH
 - WAIT
 - LIGHT SENSOR
 - TOUCH SENSOR
 - ROTATION SENSOR
 - VARIABLES, MATH, COMPARE
 - RESET, DISPLAY
 - NUMBER TO TEXT
- **MY BLOCK**
- **Efficient programming techniques to minimize errors**
 - Learn to love the light sensor (“Line follower”)
 - The wall is your best friend (“hug” the wall, Square to wall)
 - Align with black lines

Cost: Free

To Sign Up:

Please contact Tony Ayad,
e-mail: tony.ayad@gmail.com
Cell (626) 224-3098

*For groups, additional dates can be arranged by contacting Tony.