

Oxford Robotics FIRST LEGO League Summer Camp 2013 Advanced Programming with Lego Mindstorm NXT



WHO?

This camp is for students knowledgeable with the fundamentals of the NXT Mindstorms system. You will get focused instruction on advanced programming with the Mindstorm NXT 2.0 system. Through instructor lead hands on labs you will learn how to use variables and parallel processing for enhanced control over the robot's operation as well as advanced controls utilizing sensors.

WHEN?

August 5th through 8th 1PM to 4PM

WHERE?

Oxford's Hopewell Middle School

WHAT?

- Advanced programming with sensors (Light/Color, UltraSonic, Sound & Touch)
- Develop a Control Panel to manage mission execution
- Utilize cascading switches for advanced logic operations
- Advanced usage of Data Hubs and Variables for inter-program communication
- Using data logging for advanced program debugging

HOW?

We will have experienced instructors and mentors to provide instruction as well as lots of hands on lab exercises. You will work in small teams, 2 students per station, ensuring lots of hands on experience.

RESULT

You will leave with a thumb drive loaded with sample programs, your own programs developed in the lab exercises and workbooks covering the course materials.

DO IT NOW!

Learn more and register now at www.oxfordrobotics.org/summercamp.

Seats are limited (20) and will be filled on a first come first serve basis.

RATES: Registered Oxford FLL Team Members \$30; others \$60 per student.