

Robotics Camp

July 17-21, 2017

Held at: First Church of the Nazarene
1901 Lebanon Ave, Belleville, IL



Presented by:
Robo Raiders
FTC 7129

Morning Session 9:00 am - 11:45 am & Afternoon Session 1:00 pm - 3:45 pm
All 3 class levels will be offered each session.

Introduction to Robotics: For 2nd - 4th grade students with no prior experience.

Pre-requisites: able to focus for 15 minutes, read at grade level, work in small group and take turns

- \$50.00 per student; robot and computer provided; maximum 8 students per session
- Work in a small group (you can request a teammate/sibling) to:
 - use a robot to explore STEM concepts
 - learn basic NXT programming including some sensor use
 - accomplish missions using a modified FIRST LEGO League challenge

Robotics 1: For 4th - 8th grade students with no prior robotics experience

- \$50.00 per student; robot and computer provided; maximum 12 students per session
- Work with a partner (you can request a teammate/sibling) to:
 - use a robot to explore STEM concepts
 - learn NXT programming including sensor use
 - accomplish missions using a modified FIRST LEGO League challenge

Robotics 2: For 5th - 9th graders with FLL, summer camp, or TLC Robotics experience

- \$50.00 per student; bring your own robot and computer if possible; maximum 12 students per session
- Work with a partner (you can request a teammate/sibling) to:
 - gain enhanced learning of NXT or EV3 programming
 - use sensors for greater accuracy
 - build specialized LEGO attachments
 - develop strategic approach to a FIRST LEGO League challenge

Audit fee: Coaches/parents/mentors may audit any session for \$15. Chaperones Free with prior approval.

To Register: Download registration forms at www.roboraiders.net from Summer Camp tab.

Registration deadline: Registration form & payment are due by **Friday, June 30th**. Space is limited; registration will be confirmed via email.

Questions: Contact teamroboraiders@gmail.com or call Rebecca Phillips at 618-206-8652. Please do not contact the church for information, as they are not handling registration.