



Summer ROBOTICS CAMP

June 8-12, 2015

This 1/2 day camp is for all girls and boys who are interested in Robotics or Engineering and who will be in the 7th - 9th grades next year.

Location:
Farragut High
Career & Technical
(CTE) Building
Room T303

Time:
9:00 am—noon

Limit:
20 Campers

Cost: \$125
(includes all materials
and
use of our robot kits)

*Mail or Fax Application by
May 1, 2014 to:*

Aundrea Mitchell
11237 Kingston Pike
Knoxville, TN 37934

Phone: 865-671-7105
865-966-9775
Fax: 865-218-4640

Email:
aundrea.mitchell@knoxschools.org

Campers will be introduced to engineering and robotics through hands-on experiences utilizing the labs in the Farragut High School Technology Engineering Facility.

Activities will include:

- Using SolidWorks 3D computer modeling to assemble and test robotic components.
- Introduction to Basic Electronics and Soldering (take-home project)
- Building Parallax SumoBots, Programming using Basic Stamp, and competing in a tournament
- FLL Sampler (7th-8th graders), FRC Sampler (9th)
- Exploration of Robotics Systems:

(Drive Systems, Electronics,
Pneumatics, Chassis structure,
and Control Systems)



*Sponsored and conducted by the
Farragut High CTE Department and the
Flagship Robotics Team 3140.*