



Summer ROBOTICS CAMP

June 10-14, 2024

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 Main
Building
Left of the main entrance

Time:

9:00 am—noon

Limit:

20 Campers

Cost: \$150

(includes all materials and
use of our robot kits)

You may purchase the expandable
kit to take home for \$100

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

Activities will include:

- Using Onshape computer-aided design/3D modeling software to assemble and test robotic components
- Introduction to basic electronics and soldering (take-home project)
- Building MakeBlock mBot, programming using Scratch 2.0 and Arduino IDE, and competing in a tournament
- Exploration of Robotics Systems: Drive Systems, Electronics, pneumatics, chassis structure, and control systems

Mail or email application to:

Flagship Robotics 3140 Foundation
Brian Peters
11237 Kingston Pike
Knoxville, TN 37934

Email team3140@gmail.com

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