

Lego® Mindstorms® Middle School *Introductory* Robotics Summer Camps 2011

Presented by

The Florida Advanced Technology Education Center & HCC

#1 ALL GIRLS June 20-24 #2 June 27-July 1 #3 July 11-15

Our summer camps are designed to introduce middle school students to the world of robotics and automation so they can then explore the applications in both the industrial and personal use fields. The camp facilitators are from SDHC, HCC and local industry, all selected based on their experience and training. The programs are held in conjunction with the National Science Foundation funded Florida Advanced Technological Education Center located at the Hillsborough Community College, Brandon Campus.

During this exciting program, students will learn how to reconfigure Lego 'Mindstorms' Robots and program them to follow specific commands, be part of 'robotic team challenges', learn design techniques utilizing software programs and the operation of a 3D printer to produce prototype parts. In addition, they will also take a tour through a highly automated manufacturing facility. The camp experience is designed to sharpen their skills in math, physics, the application of scientific principles and new technologies, along with examining careers in the fields of modern manufacturing.

The programs will be conducted at the Hillsborough Community College, Brandon Campus, Student Services Building, 10414 East Columbus Drive. All camp days are 8:00 am to 4:00 pm daily. Students are to bring their own lunch and snacks.

The total cost of the camp is **\$150.00, payable to: "HCC-FLATE"**, due with the application and is non-refundable.

mail to: **David Gula / FLATE**
10414 East Columbus Drive
Tampa, FL 33619

#1 All Girls June 20-24 **#2 June 27-July 1** **#3 July 11-15**

Name _____ Grade(as of Sept 2011) _____

Address _____ City _____ Zip _____

Prefers to be called _____ Adult T-Shirt Size S_M_L_XL_2XL_

Parent/Guardian _____

Address (if different) _____ City _____ Zip _____

Daytime Phone(s) _____ E-mail _____

Signature _____

For additional information,
please contact:
Dave Gula @ 813.259.6581

