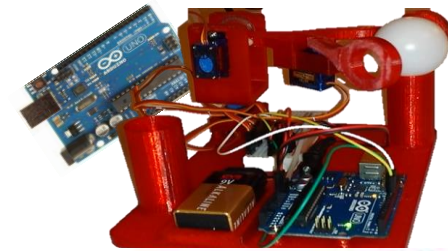# FLATE HIGH SCHOOL ENGINEERING TECHNOLOGY SUMMER CAMP

NUTS, BOLTS & THINGAMAJIGS

FLATE High School Summer Camp Location:
Hillsborough Community College - Brandon Campus
10414 E. Columbus Drive; Tampa, FL 33619
Student Services Building 2nd Floor

For More Information Contact:
FLATE Outreach Manager, Desh Bagley
Email: camps@fl-ate.org
Phone: (813) 253.7838
Web: www.fl-ate.org/projects/camps.html

HCC Brandon Campus
July 27-31, 2015
Monday – Friday   8am to 4pm
Weekly Camp Costs: $175
T-Shirt, Curriculum, & Supplies provided

High School Engineering Technology Summer Camp	
no experience required *Grades 9 – 12* *July 27-31, 2015* *8am – 4pm*	• Use Solidworks and CAD to design a functional robotic arm • Engage in 3D printing process using additive manufacturing techniques • Learn to program an Arduino microprocessor to operate servo motors • Understand the electronics and precision needed for building robots • Students keep the Arduino microprocessors and servo motors • Learn entrepreneurial skills used by successful business owners • Tour an Advanced Manufacturing Facility