



HCC Robotics & Engineering Virtual Camps



Middle School Robot Virtual Worlds

July 6th – Virtual Robotics Camp I

July 13th – Virtual Robotics Camp II



Registration Info: <https://www.suncoastfl.org/hcc-camps.html>

Camp Details:

Middle and High School Campers
Monday – Friday 9:00am – 12noon



Software and Hardware Requirements:

ZOOM needed for all camps
Robot Virtual Worlds: 64-Bit PC / 4MB RAM / Windows 10
Camp Aspire – Ukit App for Android or Apple Device

July 6th Robot Virtual Worlds - Virtual Camp I - \$75.00

July 13th Robot Virtual Worlds - Virtual Camp II - \$75.00

July 20th - All Girls Camp Aspire – \$175.00

July 27th – High School Advanced Camp Aspire - \$175
(robot kit will be returned at the end of the week)

Advanced Camp Aspire requires refundable deposit

For camp information and payment contact:

Desh Bagley dbagley5@hccfl.edu (813) 444-2267

CAMP ASPIRE – Virtual Camp with Kit Included

July 20th – All Girls Robotics Camp Aspire

July 27th – High School Robotics Advanced Camp Aspire



Quality at-home summer programs in robotics & engineering for middle and high school students.



HCC/FLATE Robotics & Engineering Virtual Camps Summer 2020

presented by

**FIRST LEGO League – West Florida Region
Florida Advanced Technology Education Center of Excellence (FLATE)
Hillsborough Community College – Brandon Campus
Tampa Bay STEM Network Hillsborough County School District
Hillsborough Education Foundation**

FLATE/HCC Robotics and Engineering Camps are designed to introduce middle and high school students to the world of robotics and automation so they can explore the applications in both the industrial and personal use fields. The camp facilitators are from the School District of Hillsborough County, Hillsborough Community College, and local industry, all selected based on their experience and training. The camp director is Shirley Dobbins – Engineering Technology Program Director. Camp coordinator is Desh Bagley – FIRST LEGO League Program Delivery Partner.

All four camps will be conducted virtually via ZOOM Meeting platform. The virtual camp curriculum is developed by Carnegie Mellon Robot Virtual Worlds and UBTECH Education. July 20th and July 27th camps will require students to pick up robotic kits from the Hillsborough Community College, Brandon Campus, Student Services Building, 1st Floor at 10451 Nancy Watkins Drive, Tampa, FL 33619.

Camp hours are 9:00 to 12:00pm (noon) daily. Campers should ensure that their devices at home meet the system requirements for the robotics virtual camps. Specifications details are found on the website.

July 6th and July 13th Robot Virtual Worlds Camps I and II are at a reduced cost of \$75 per week. The robot system used is an all virtual simulation and does not require a physical robot. Register for one week or both weeks.

July 20th All Girls Camp Aspire is offered at a reduced cost of \$175 and includes an Intermediate UKIT. These camps include a UKIT Robotics Kit that must be picked up the Friday before camp begins. There are needs-based scholarships for the All Girls Camp sponsored by Tampa Bay STEM Network, Hillsborough Education Foundation, and Hillsborough County School District.

July 27th High School Advance Camp Aspire is \$175.00 and includes an Advanced UKIT for loan. The kit must be picked up on Friday before camp and returned the following Friday. A credit card will be left on file as a deposit for \$549.00 which is the MSRP for the Advanced UKIT if it is not returned. Please note all Advanced UKITs must be returned.

Registering Online: www.suncoastfl.org/hcc-camps.html

Registering By Mail: checks and money orders are made payable to **Hillsborough Community College (HCC)**

Include a COPY of your Driver's License with the Registration Form when paying by Check

Forms and registration fees cannot be dropped off.

Forms and registration fees must be mailed to: **HCC**

**Desh Bagley / Box 23
10451 Nancy Watkins Drive
Tampa, FL 33619**

All campers will receive a confirmation email once registration forms and fees are processed. If you do not receive a confirmation email from Desh Bagley - Camp Coordinator within 2 weeks of application submission, please email Desh at dbagley5@hccfl.edu to inquire about your child's camp status.



Application for the 2020 Robotics and Engineering Camp

During the Intro and Intermediate Camps, students will learn how to program LEGO EV3 Mindstorms Robots using the Carnegie Mellon Robot Virtual Worlds simulation. System requirements for the Robot Virtual Worlds and ZOOM can be emailed to campers. All Girls Camp and High school campers will program UKIT Robots made by UBTECH Education. These robots are programmed using apps on tablets or smart phones. The High School camp includes Arduino microprocessors and advanced programming languages. The All Girls campers keep their UKIT robots. The High School Campers will return their robots after camp. All Girls campers and High School Campers will pick up their UKIT robots from HCC Brandon before camp begins.

Please note, FLATE and HCC camp staff may not be trained to assist special need learning styles. The hands-on virtual camps require campers to demonstrate computer skills and attentive engagement during the 3-hour ZOOM meetings. Parents are asked to consider this when registering for virtual robotics and engineering camp.



Virtual Robotics and Engineering Summer Camps - Registration Form

Robot Virtual Worlds I
July 6-10 (Grades 6-8) (\$75)
9am – 12noon

GIRLS ONLY – CAMP ASPIRE Intermediate UKIT
July 20 – July 24 (Grades 6-10) (\$175)
9am – 12noon
Ask about need based scholarships

Robot Virtual Worlds II
July 13 - 17(Grades 6-8) (\$75)
9am – 12noon

HIGH SCHOOL – CAMP ASPIRE Advanced UKIT
Camp Includes Advanced UKit by UBTECH on LOAN
July 27– Aug 3 (Grades 9 – 12) (\$175)
9am – 12noon

Name _____ Gender Male / Female Grade (as of September 2020) _____

Student's Home Address _____

City _____ County _____ Zip Code _____

Is your child a previous HCC/ FLATE camper? Yes ___ No _____

If "yes", what is your camper looking forward to learning and doing this summer:

Parent/Guardian(s) _____

E-mail (1) _____ E-mail (2) _____

Emergency Contact's Name _____

Emergency Contact's Phone _____ Relationship _____

Payment: Online / By Mail Amount Paid: _____

Please include a copy of your Driver's License per HCC's policy for paying by check.

FLORIDA ADVANCED TECHNOLOGICAL EDUCATION CENTER/HCC

PARTICIPANT RELEASE FORM AND PHOTO/VIDEOGRAPHY RELEASE

In consideration of and as a condition for my Child's participation in the HCC/ FLATE Virtual Robotics and Engineering Summer, I agree to the following terms and conditions of this Participant Release and Photo and Videography Release:



1. I, _____, individually and as the parent/guardian of _____, a minor, sign this participant release on behalf of myself and my child/ward. I acknowledge I received and have read the written materials and instructions relating to the FLATE Robotics and Engineering Summer Camps and associated activities, outings, and field trips.
2. I acknowledge that I am the natural parent (guardian) of a child/ward and that I also have legal custody of the child/ward.
3. During this Virtual FLATE/HCC Robotics and Engineering Summer Camp, campers must ensure that their computers, laptops, tablets, or devices meet the system requirements needed for the virtual camp. As the parent/guardian, I assume all risks for downloading software and apps needed for my child's participation in the HCC/FLATE Virtual Robotics and Engineering Summer Camps.
4. I agree to release, waive, defend, indemnify, and forever discharge FLATE, HCC, its Board of Trustees, employees, agents, successors and assigns (the "Released Parties") from any and all claims, or liability for injury including death or damages (including loss or damage to property), claims, costs and expenses (including attorney fees) arising from or attributable to my child's participation in or travel associated with the HCC / FLATE Virtual Robotics and Engineering Summer Camp, unless it is due to willful fault or gross negligence on the part of FLATE and HCC.
5. I authorize FLATE and Hillsborough Community College and their authorized representatives to record my child's likeness and voice in any medium; to use my child's name in connection with these recordings; and to use, reproduce, produce, exhibit or distribute in any medium these recordings for any purpose that FLATE and HCC deem appropriate, including promotional or advertising efforts without compensation. I release FLATE and HCC from liability for any violation of any personal or proprietary right in connection with use by FLATE and HCC. I understand that all such recordings, in whatever medium, shall remain the property of FLATE and HCC. I have read and understand the terms of this release.
6. I acknowledge and agree that this Agreement is intended to be as broad and inclusive as permitted by law. If any provision is determined to be unenforceable, the remaining terms of the Agreement shall remain in full force.
7. I acknowledge and agree that this Agreement shall be interpreted in accordance with the laws of the state of Florida and that any dispute arising shall be filed in a court of competent jurisdiction in Hillsborough County, Florida.
8. I acknowledge that I have read this Release, that I have executed voluntarily, and that this release shall be binding upon myself, my child and their heirs, executors, administrators, and representatives in the event of death or incapacity.

I AM OF AT LEAST 18 YEARS OF AGE AND HAVE READ AND UNDERSTAND THIS RELEASE AND ACCEPT AND AGREE TO ITS TERMS.

Signature of Parent/Guardian: _____

Date: _____

Print Name of Parent/Guardian: _____

FLATE and HILLSBOROUGH COMMUNITY COLLEGE CODE OF CONDUCT AGREEMENT for VIRTUAL ROBOTICS & ENGINEERING CAMP



[To be COMPLETED BY CAMPER AND PARENT/GUARDIAN]

This statement, when signed by both camper and parent, serves as an Agreement with FLATE and Hillsborough Community College (HCC).

Due to the nature of FLATE and HCC programs, all participants are always expected to act in a responsible and courteous manner. During camp, FLATE/HCC staff will review examples of acceptable and unacceptable behavior. Participants are expected to adhere to the guidelines set forth by FLATE/HCC staff. If a behavior problem arises, FLATE/HCC staff will first discuss the problem with the individual. If the problem continues, the participant may forfeit participation in future program activities. If the problems are severe, the parent/guardian will be contacted to discuss the problem. Finally, if the problem is not rectified, the participant will be asked to leave the virtual classroom and a refund will not be issued.

Examples of behavior that may result in a participant leaving a program include, but are not limited to, consumption or possession of alcohol; use or possession of tobacco products or illegal narcotics; possession of a weapon; destruction of property; inappropriate language during virtual meetings; spamming or phishing during ZOOM workshops, and stealing of parts and pieces of UKITS that are on loan to participant.

Use of robotic kits for high school campers: I agree to return the complete UKIT with all pieces and parts intact on Friday after camp is complete.

Participant: I have read and understand the above statement. By signing this Agreement, I agree to act in a responsible and courteous manner at all times. If I do not follow the guidelines set forth by FLATE/HCC staff, I understand that I may forfeit my participation in the program activities.

Print Participant's Name: _____

Signature of Participant: _____

Date: _____

Parent/Guardian: I have read and understand the above statement. By signing this statement, I agree to arrange and pay for transportation if my child must leave the program early.

Print Name of Parent/Guardian: _____

Signature of Parent/Guardian: _____

Date: _____

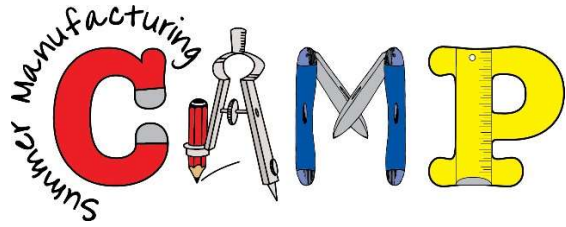


PHOTO RELEASE FOR SUMMER MANUFACTURING CAMP PARTICIPANTS

I hereby authorize Nuts, Bolts & Thingamajigs (NBT), its affiliates, successors and assigns (collectively the "Company"), the right to take, utilize and/or publish (i) photographic, digital or video images of myself and/or the minor child or children listed below, (ii) our names and likenesses, (iii) artwork produced by my child during the camp, and (iv) comments submitted as a result of my child's camp experience (collectively the "Images and Statements") for use in the Company's print, online and video-based marketing materials, as well as the other Company publications listed below.

I hereby release, discharge, and agree to hold harmless the Company, its directors, officers, employees, and agents from any liability, whether intentional or otherwise, that may occur or be produced in the development of any media created and used by the Company, as well as the publication of such media, including without limitation any claims for libel or violation of any right of publicity or privacy or copyright infringement claims. I hereby waive any right that I may have to inspect or approve any finished copy, photograph, or other media that may be developed and used by the Company. I further waive any right to royalties or other compensation arising or related to the use of the Images and Statements.

I attest that I am the parent or legal guardian of the child or children listed below and that I have full authority to consent and authorize the Company to use the Images and Statements.

Authorized Publications: Any of the magazines published by the Fabricators & Manufacturers Association (FMA) and its publishing company FMA Communications, as well as the websites of those organizations and the Nuts, Bolts & Thingamajigs foundation. In addition, the quarterly newsletters of NBT and the social media channels maintained and managed by the aforementioned organizations.

Camp Location (School) _____ Date _____

Attendee Name(s) _____

Parent/Guardian Signature _____

Print Parent/Guardian Name _____