# 2013 Robotics Summer Camps

Hillsborough Community College, Brandon Campus

## ALL CAMPS:
8:00am to 4:00pm daily
Registration Fee: $150

For more information about the camps and registration questions, contact:
**Desh Bagley**  
Email: camps@fl-ate.org  
Phone: (813) 253-7838

Registration Forms will be online by March 20, 2013.  
http://www.fl-ate.org/projects/camps.html

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**The Summer Robotics Camps are being conducted through a partnership between the Florida Advanced Technological Education Center and Hillsborough Community College.**

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<table>
<thead>
<tr>
<th>Date</th>
<th>Camp Description</th>
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<tbody>
<tr>
<td>Jun 17-21</td>
<td>Intro Camp – Middle School GIRLS ONLY</td>
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<tr>
<td>Jun 24-28</td>
<td>Intro Camp – Middle School</td>
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<td>Jul 08-12</td>
<td>Intro Robotics Camp – Middle School</td>
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<td>Jul 15-19</td>
<td>Intermediate Camp (A) – Middle School</td>
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<td>Jul 22-26</td>
<td>Intermediate Camp (B) – Middle School</td>
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<tr>
<td>July 29-Aug. 2</td>
<td>Engineering Camp - High School</td>
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**INTRO**  
**Middle School**

- Program & Reconfigure Lego® Mindstorms® Robots
- Participate in Team Challenges
- Learn about Product Design & Manufacturing
- Learn about the science, technology, engineering & math used in today’s high-tech industries

**INTERMEDIATE***  
**Middle School**  
*requires previous experience

- Review and Apply previously learned camp skills
- Solve Problems through original robotic design, construction and programming
- Hands on Product Design and 3D Imaging
- Participate in more complicated and exciting Team Challenges

**ENGINEERING**  
**High School**

- Learn Processor Programming Language for Arduino Uno
- Use Arduino Uno Microprocessor and build systems
- Hands on Product Design and 3D imaging
- Program and Reconfigure Lego® Mindstorms® Robots
- Program the NAO Humanoid Robot