# 2012 Robotics Summer Camps

Hillsborough Community College, Brandon Campus

**ALL CAMPS:** 8:00 am to 4:00 pm daily  
**Registration Fee:** $150.00

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
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<tr>
<td>Jun 18-22</td>
<td>Intro Camp for MS <strong>GIRLS ONLY</strong></td>
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<td>Jun 25-29</td>
<td>Intro Camp for MS Boys &amp; Girls</td>
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<td>Jul 09-13</td>
<td>Engineering Camp for HS boys &amp; girls</td>
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<td>Jul 16-20</td>
<td>Advanced Camp for MS Boys &amp; Girls</td>
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## Intro

**Middle School**  
- Program & Reconfigure Lego® Mindstorms® Robots  
- Participate in Team Challenges  
- Learn about Product Design & 3D printing  
- Learn about the science, technology, engineering & math used in today’s high-tech industries

## Advanced*

**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 printing projects  
- Participate in more complicated and exciting Team Challenges

## Engineering

**High School**  
- Learn about the following through ‘hands-on’ experience with:  
  - AC/DC Motors & Controllers  
  - Programmable Logic Controllers  
  - VEX Robots with Cortex  
  - Labvolt 5-axis Micro Robotic Arm  
  - Hydraulic & Pneumatic Systems Trainers  
  *And participate in Team Challenges creating original solutions for real problems*

For more information about the camps and registration questions, contact:  
**Desh Bagley @ (813) 444-CAMP**  
**444-(2267)**  
**Email:** camps@fl-ate.org

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