

Robocamp Registration Form

| | |
|---|---|
| Student Name (typed or printed) | |
| Student Age (as of June 24, 2012) | |
| Grade Level (11-12 School Year) | |
| T-Shirt size: <input type="checkbox"/> Child <input type="checkbox"/> Adult | <input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> XXL |
| Student's E-mail Address | |
| Intro RoboCamp - July 2, 3, 5, 6 | <input type="checkbox"/> \$300 - 1st Session |
| Competition RoboCamp - July 9-12 | <input type="checkbox"/> \$300 - 1st Session <input type="checkbox"/> \$250 - 2nd Session |
| Special Needs (please list @ right) | |
| Sibling Information | |
| Sibling Name (typed or printed) | |
| Sibling Age (as of June 24, 2012) | |
| Grade Level (11-12 School Year) | |
| T-Shirt size: <input type="checkbox"/> Child <input type="checkbox"/> Adult | <input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> XXL |
| Student's E-mail Address | |
| Intro camp - July 2, 3, 5, 6 | <input type="checkbox"/> \$250 - Sibling 1st Session |
| Competition RoboCamp - July 9-12 | <input type="checkbox"/> \$250 - Sibling 2nd Session |
| Special Needs (please list @ right) | |
| Address | |
| A d d r e s s | |
| City, State | |
| Emergency Contact Person & Relation | |
| Emergency Contact Phone | |

PERMISSION: By submission of this application, and/or enrollment in RoboCamp 2012, I hereby grant WHS Robotics permission to photograph and/or videotape my child during RoboCamp 2012. I further grant to WHS Robotics the right to use these photographs and/or video of my child for educational or promotional purposes. I hereby waive any claims or causes of action which I may now or hereafter have against Whitney High School and/or WHS Robotics or any of its members. I will indemnify and hold harmless same, against any and all claims resulting from my child's participation in RoboCamp 2012. In the event my child should sustain injuries or illness while involved in RoboCamp 2012, I hereby authorize such aid or other treatment as may be necessary under the circumstances, to include treatment by a physician or hospital.

Parent Signature: _____
Date: _____

Send registration form and check to:
Whitney High School Robotics
16800 Shoemaker Avenue
Cerritos, CA 90703

The Deadline for Enrollment is **JUNE 24TH** Contact whitneyrobotics@gmail.com for late fee and refund policy

RoboCamp 2012

Hosted By:
whs robotics

What
Details inside

When
Introduction to Robotics
July 2, 3, 5, 6
9am - 4pm
Competition Robotics
July 9, 10, 11, 12
9am - 4pm

Where
Multipurpose Room
Whitney High School
16800 Shoemaker Ave
Cerritos, CA 90703

Contact
For more information
whitneyrobotics@gmail.com

WHS Robotics proudly offers RoboCamp as an outreach program for students in our community. We have designed a summer camp that strives to introduce middle and high school students to the world of robotics. Summer camp participants will work on the Whitney campus and will experience a simulated competition. Participants will be able to design and build their own robot and get a feel of what robotics and competing with robots is like. This enables cooperative participation and hands-on learning of robotics and its design, build, and program aspects; mathematical and scientific concepts; and basic teamwork and leadership skills that can be directly applied to the real world. In addition, RoboCamp uses the basis of FIRST values to familiarize students with embracing concepts such as Gracious Professionalism as they discover more about math, science, and engineering.

ADDITIONAL INFO

- Light snacks will be provided. Campers are encouraged to bring their own water bottles.
- Lunch may be purchased in advance, but campers can bring their own sack lunch.
- RoboCamp 2012 T-shirts will be provided for identification and other functions.
- Campers are required to stay on campus during class hours, unless picked up by a parent or guardian. If you must pick up your child during class time, please come directly to the Multipurpose Room with proper identification.
- If the student has any allergies or special needs, please note these concerns on the application form or an attachment.
- All enrollment registrations must be received no later than June 24th.
- Payment after June 1st has a \$50 up-charge fee. For more information contact

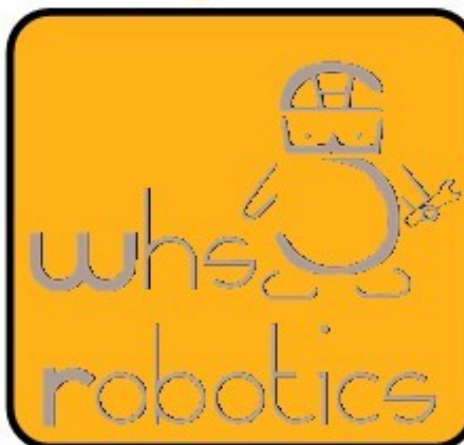
SPACE IS LIMITED

whitneyrobotics@gmail.com

INTRO ROBOCAMP



- From July 2, 3, 5, 6
- Perfect for student ages 10+ (grades 6 and up)



COMPETITION ROBOCAMP



- From July 9-12
- Perfect for students ages 12+ or Intro Robocamp graduates

COGITO; ERGO, CONDO...I THINK; THEREFORE, I BUILD.



Students will work with LEGO Mindstorms kits to create unique robots. They will learn the basics of LEGO robotics, learn how to design and construct a robot for competition. Students will also learn basic engineering concepts, such as gear ratios and structural integrity. They will program the robot to complete advanced and automated tasks without human control. No prior experience in LEGO or LEGO Mindstorms is necessary.

Since Whitney High School Robotics was founded in 2002, the organization has grown into a world-class team. In their ten years participating in the FIRST and VEX robotics competitions, WHS Robotics has been recognized for their excellence in programming, design, and creativity while also receiving numerous awards. Eight times now WHS Robotics has had the honor of representing the LA region in the FIRST and VEX World Championships: in 2012, its LEGO team won the Championship's award, its FTC team won the 2nd Inspired Award, and its VEX team won the Excellence Award. Having served the community in more ways than one (ABCUSD Unite Show, Halloween Festival, and more) and having held RoboCamp for more than 8 years, WHS Robotics is more than qualified to teach students the fundamentals of robotics.



Students will work with the VEX Robotics system to build robots from metal. They will learn advanced engineering concepts, autonomous programming for competition, and develop techniques and strategies for manual, human-controlled operation. Students do not need prior experience, but they should have basic scientific knowledge as this camp will seek to take the classroom topics and standards and apply them in a fun, engaging, and hands-on way.