Students going into grades 4-8, have we got a summer adventure for you! The Power Robotics Summer Camp lets you work with robots just like NASA scientists do. You’ll build a LEGO robot and then program it to solve the same kinds of missions NASA does on Mars with its exploration rovers! It doesn’t matter if you’ve never worked with robots before. Just bring your curiosity and enthusiasm!

**Monday:** Pair up with a partner to build your robot. Learn how to control it using a picture-based program you’ll design on the computer you’ll use all week. You’ll fly a simulated spaceflight in the afternoon.

**Tuesday:** Spend the day solving robotics challenges with your teammate. You’ll demonstrate your swimming skills before lunch. A lifeguard will be on duty. *Bring your swimsuit, towel, comb, soap, shampoo, and flip flops!*

**Wednesday afternoon:** Pretend you’re an astronaut in the microgravity of space when you head to the Wheeling Jesuit University swimming pool for an underwater mission. Nonswimmers are welcome to stay shallow. A lifeguard will be on duty. *Bring your swimsuit, towel, comb, soap, shampoo, and flip-flops!*

**Wednesday through Friday:** Continue to build robot arms and create programs to solve the power robotics challenges.

**Friday afternoon:** Share what you’ve learned in a robotics exhibition. Family members are welcome from 1 to 3 p.m.

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**Monday-Friday, June 20-24, 2011**

9:30 a.m. – 3 p.m.

(extended drop-off/pickup times available for $25)

21st Century Classroom (room 113)

Center for Educational Technologies

Wheeling Jesuit University

[www6.cet.edu/cet/robotics](http://www6.cet.edu/cet/robotics)

Call or e-mail Meri Cummings (304-243-2499, meri@cet.edu) for more info. Lunches are provided daily in the university cafeteria.

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**ROBOTICS CAMP RESERVATION FORM**

Mail Reservation, Health, and Release Forms and check for $250 (made out to Center for Educational Technologies) or credit card info to Robotics Summer Camp, WJU-CET, 316 Washington Ave., Wheeling, WV 26003.

**Credit Card Info:**

Select One: MasterCard Visa Discover

Card No.__________________________________________

Exp. Date:_________ Security Code (last 3-4 digits on back):_________ Name on Card:__________________________

Cardholder Signature:__________________________________________ Date:________________________

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Camp Participant Name:__________________________Street Address:__________________________

City:__________________________________________ State:__________________________ ZIP:__________________________

Home Phone:__________________________ E-mail:__________________________

Swimming Level (1-5*):______ Entering Grade:______ Entering School:__________________________

Parent/Guardian Name:__________________________Signature:__________________________

Emergency Contact Name:__________________________Signature:__________________________ Emergency Contact Phone:__________________________

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Note: One space mission T-shirt will be provided free in adult sizes (select one): S, M, L, XL

Extra shirts may also be ordered at $13 each. Please give size and quantity and include payment. Size:____ Quantity____

*Swimming Levels: 1 = can’t swim, 2 = swims less than 1 lap, 3 = can swim across pool above or under water, 4 = can swim several laps, 5 = lifeguard