



RIVER CITY ROBOTICS

Summer Day Camp 2009

"You have teenagers thinking they're going to make millions as NBA stars when that's not realistic for even 1 percent of them. Becoming a scientist or engineer is." ~Dean Kamen

River City Robotics is offering two week-long day camp sessions this summer. Each will expose students to the basics of robotics operation and design, while building fundamental skills that can be applied to all aspects of their lives.

All students with an interest in math, science, and/or engineering are encouraged to enroll.

Students **ages 13-17** will engage in hands-on activities and classroom exercises geared toward a competitive challenge at the end of each week.

Both sessions will be held at **VCU West School of Engineering** at 601 W. Main St. in Richmond, Virginia.

*Registration for each session is **\$250** if postmarked by **June 30th** and includes lunch and the use of all materials necessary. **After June 30th**, registration will **increase to \$300**. Space is limited to **30 students** each week, so register early!

Kids should be dropped off between 8:30 and 9:00 in the morning and picked up promptly at 4:00 in the afternoon. If you need to make an earlier drop-off or a later pick-up, please contact us ahead of time to make arrangements

Info you need to know...	
SESSION 1	July 27th-31st
What's Covered	basic robotics concepts and simple programming in Labview
Cost to Attend	\$250*
Experience Needed	None preferred
SESSION 2	August 3rd-7th
What's Covered	advanced robotics concepts and autonomous programming in Labview
Cost to Attend	\$250*
Experience Needed	Past experience with Vex, Tetrix, and/or programming

Through this program, students will learn...

- Time Management
- Teamwork
- Communication
- Critical thinking
- Leadership
- Problem solving

In addition, students will gain experience with...

- Robot structure and design
- Centers of gravity
- Simple & compound gear ratios
- Speed/torque relationships
- Analog & digital signals and sensors
- Programming
- Autonomous control



For more information or to request a registration form, send an email to RiverCityRobotics@gmail.com