

2016 Summer Camps

Robotics Camps for students in 3rd-9th



The World of LEGO Engineering

Using creativity, imagination and Legos, you will apply beginning and advanced engineering techniques to build complex Lego structures. Learn to brace Lego structures for strength and function, understand gear ratios and build solid, working creations that can do amazing things! This Robotic Engineering course is the first step in preparing students for participation in FIRST youth robotics competitions, and provides a great opportunity to enhance building and engineering abilities. This camp will engage students in 3rd-5th grades in a fun and interactive learning experience that will help develop the engineers of tomorrow!

Tuesday-Thursday * July 5-July 7 * 8:30 am-12:00 pm * \$69

LEGO Robotics: The Obstacle Course Challenge

Are you up for a challenge? In this camp, you will learn the basic design concepts required to create functioning robots. We'll explore different types of robots and where they are used in the real world. As part of this fun camp, we'll introduce you to LEGO Mindstorm sets and you will have the opportunity to design and build robots that can perform the tasks required to complete an obstacle course that we've designed just for you!

The camp will end with an obstacle course challenge, where everyone will compete to see which robot can complete challenges the fastest and earn the most points!

Monday - Thursday * July 11-July 14 * 8:30 am-12:30 pm * \$99

Introduction to VEX Robotics

In this new camp, you will be introduced to Vex IQ Robotics Systems to create robots that can grasp, lift, climb and pull. You will create robots that are driver controlled, plus robots that operate autonomously with the use of sensors. Just like a real engineer, campers will utilize the engineering design process of "Think-Do-Test" to create and program functioning robots that do amazing things. If you join us for this afternoon camp, you will be engaged in an exciting learning experience and focus on the critical technology and design principles that lead to the careers of tomorrow!

Monday - Thursday * July 11-July 14 * 1:00 - 5:00 pm * \$99

BEST DEAL! LEGO Robotics & Introduction to VEX Robotics

Monday - Thursday * July 11-July 14 * 8:30 am-5:00 pm * \$175



2016 Summer Camps Registration Form

Please complete this registration form and return to the Lifelong Learning Office with payment.

MAIL: LLL, 450 North Ave, Battle Creek, MI 49017

FAX: 269.565.2129

PHONE: Call 269.965.4134

IN PERSON: LLL Office, KCC Main Campus, Ohm Building, Room 102

STUDENT NAME _____ DATE OF BIRTH _____

SCHOOL _____ GRADE _____

ADDRESS _____

CITY/ST/ZIP _____

PARENT/GUARDIAN EMAIL(S) _____

- The World of LEGO Engineering (\$69)
- LEGO Robotics: The Obstacle Course Challenge (\$99)
- Introduction to VEX Robotics (\$99)
- BEST DEAL! Both LEGO Robotics & Introduction to VEX Robotics (\$175)

PAYMENT _____ Cash _____ Check (made out to Kellogg Community College) _____ Credit

CREDIT CARD NUMBER _____ EXP DATE ____/____

EMERGENCY CONTACT 1 _____

PHONE 1 _____ PHONE 2 _____

EMERGENCY CONTACT 2 _____

PHONE 1 _____ PHONE 2 _____

Release and Waiver of Liability - Please read carefully before signing.

The undersigned hereby acknowledges that participation in this program and related activities involves an inherent risk of physical injury, and the undersigned, on behalf of the registrant, hereby assumes all such risk and does hereby release and forever discharge the program and the college, and all employees and agents thereof from any and all liability of whatever kind of nature, arising from and by reason of any and all known and unknown injuries, damage to property, and the consequences thereof, resulting from the registrant's participation in or involvement with this program, including failure of equipment or defect in premises.

Child's Name _____

I hereby state that I am the legal guardian of said child and agree to the above statement:

Printed Name

Signature

Date

Photo Release - Please initial

_____ I authorize KCC to use images, videos and audio of my child (or minor for whom I am legally responsible) captured during college-sponsored activities for use in promotion, publications and materials. I understand that all images, videos and audio will be used solely for college purposes and that I will not be compensated for any image, voice or comments. I also understand that KCC owns all images and recordings.