

SERIOUS FUN

KU ENGINEERING SUMMER CAMPS 2012



KU SCHOOL OF
ENGINEERING

The University of Kansas

Office of the Dean
1520 W. 15th St., Room 1
Eaton Hall
Lawrence, KS 66045



Need-based financial aid

Financial assistance may be available for qualified students on a first-come, first-served basis. To be eligible for assistance, students must qualify for the federal school lunch program and have a 3.25 or higher GPA. Parents also are encouraged to seek financial support through outside sources such as school district foundations, corporate foundations, employers, and regional philanthropic organizations.



How do we sign up?

Register for either camp session online. Starting March 1, go to www.engr.ku.edu/seriousfun and click on the registration link for Summer Engineering Camp - Project Discovery. Fill out the form and click submit to reserve a spot in the camp. KU Engineering staff members follow up with confirmation and other essential information. **Camp size is limited so sign up early.**

Questions?

Contact Jacquelyn Pedigo, outreach coordinator, at (785) 864-3622, or studyengineering@ku.edu.

www.engr.ku.edu

The University of Kansas School of Engineering offers undergraduate degrees in 11 disciplines. All engineering undergraduate degree programs are accredited by the Engineering Accreditation Commission of ABET (ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, 410-347-7700). The computer science undergraduate degree program is accredited by the Computing Accreditation Commission of ABET.

SERIOUS FUN



KU Engineering camp for teens

You love science and technology. Now live it.

Summer Engineering Camp - Project Discovery at the University of Kansas School of Engineering is the perfect way to blend your curiosity, your sense of adventure and your ability in math and science.

KU Engineering offers two residential camps for high school students entering ninth through 12th grade in 2012:

Summer Engineering Camp - Project Discovery June 17-22 or July 15-20

Each session is an intensive-learning camp that introduces students to engineering principles, career opportunities and world-class research as well as faculty and researchers on the KU campus.



What do campers learn?

Curriculum: Summer Engineering Camp - Project Discovery participants follow an actual engineering curriculum specific to each interest area, so they can ask about high school courses that will best prepare them to study engineering or computing.

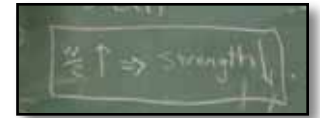
Campers spend most of their time working in a particular area of engineering or computing.

- Computer Science
- Aerospace Engineering
- Mechanical Engineering - bio emphasis
- Chemical Engineering
- Civil Engineering & Architectural Engineering
- Electrical Engineering
- Additional areas may be added later.

Through “academic spotlight” sessions, students get to experience all areas of engineering and computing offered at KU.

Lab work: Campers use several labs in Learned and Eaton Halls for hands-on lab sessions. Working with KU faculty members and researchers, students use fundamental concepts in mathematics, chemistry and physics to solve open-ended engineering design problems. The instructors answer

questions and help students strengthen their problem-solving skills.



Real applications:

Students visit area engineering firms and facilities. They learn that a career in engineering doesn't mean life in a lab. Participants see engineers at work to get a feel for the variety of interesting career opportunities.

Engineering ethics: Students learn the importance of ethics in engineering. They also learn how engineers improve their work by studying past failures.

Team building: Campers take part in team-building exercises to develop skills they'll need to work closely with other engineers.

Fun time: Movie night, pool time, Jaybowl and more help rejuvenate the brain synapses before the next cool lesson.

What is the cost?

Summer Engineering Camp - Project Discovery costs \$500 per person and includes meals, lodging, and lab supplies. **Camp size is limited.**

Participants will stay on campus with current KU engineering and computing students.

