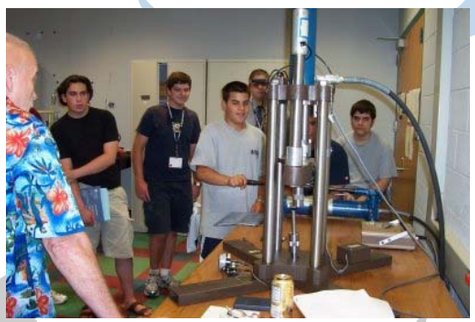

UConn's School of Engineering

Explore Engineering E^2

A learning experience in :

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Computer Science & Engineering
- Electrical Engineering
- Engineering Physics
- Environmental Engineering
- Management & Engineering for Manufacturing
- Mechanical Engineering
- Materials Science & Engineering

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How can I become involved in this Program?

E^2 participants are nominated by their high school math, science, or technology teachers. Each student receives:

- Exposure to 12 Engineering Programs
- Housing and meals
- Instruction from full-time faculty
- Mentoring and coaching from enrolled engineering students
- Access to state-of-the-art research areas
- Access to our Engineering Learning Center and associated software
- Participate in the Young Engineering Science Scholars (YESS) Program

There is a **$500 fee** to attend this program.

For an online application for the 2009 workshop, please visit our web site at: http://www.engr.uconn.edu/engineering2000.php

The application deadline is, **April 24, 2009**, please be punctual. Sending late applications will affect your chances of admission. E^2 2009 dates are June 28 through July 2. Enrollment is limited to approximately 100 students. Please note that we try to select at least 1 student from each high school that applies and select no more than 2 per high school.

What has been said about Past Summers

"This program was extremely helpful, it helped me decide that I am going to definitely pursue engineering as a major."

- *Summer 2006*

"(E2K) made me realize that all engineering is connected. It gave me a clear idea of what each discipline does and what career you could pursue within those fields"

- Summer 2008

"The session I enjoyed most were the YESS sessions. The professors and graduate students were optimistic, knowledgeable and ready to teach."

- *Summer 2007*

Explore *Engineering*

Have you ever ask the question, who came up with that? Even if you haven't, I bet you are thinking of it right now. Well, the answer is Engineers. Engineers are designing and building the world we inhabit in the 21st century. Answering society's needs for computer systems and software, information and communications technologies, medicine and pharmaceuticals, renewable energy, a clean environment, manufacturing and transportation – engineers shape our world in ways few others do. The engineering field demands critical thinkers, creative problem solvers and enthusiastic individuals. Becoming an engineer would enter you into an elite club which makes the world go round. The University of Connecticut's School of Engineering would like to show you, first hand what it means to be an engineer.

Engineering leads to a tremendous selection of career options and flexibility in the job market. Undergraduate degrees in engineering have led people to other professions from fields such as medicine, law, education and entrepreneurs. While studying engineering you will develop skills in problem analysis, discipline and logic, and other skills that will aid you throughout your life both professionally and personally.

The **Explore Engineering Program** will introduce you to the many opportunities in engineering. You will experience five days of testing your math and science skills and be able to apply them in fun and exciting areas. Five academic departments are waiting to show you the endless possibilities!

About E^2

For one week the School of Engineering introduces 10th and 11th graders to engineering concepts and stimulating hands on experiments pertaining to

engineering. Students are introduced to twelve exciting engineering curriculums offered as majors at UConn's School of Engineering. Faculty members from our departments lead the students in hands on experiments that will highlight just a few of the problems engineers will encounter. Additionally, you will learn about our joint programs with the School of Business, the German Language and Physics Departments in the College of Liberal Arts & Sciences.

In the evening you will explore a specific engineering field in depth during the Young Engineering Science Scholars (YESS) Program activities. A few of the evening projects have included:

- Polymer Demonstrations
- Biochemical Engineering
- Fuel Cells
- Robo-lab Introductions/Challenge
- Ultrasound/imaging lab
- Fabricate and Destructively test Composite Structures
- Building EKG device and an O-Scope