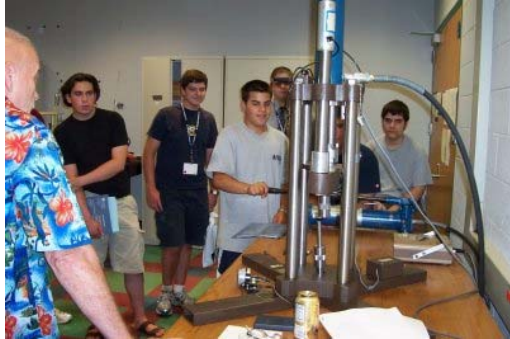




UNIVERSITY OF CONNECTICUT



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## Engineering 2000

### A learning experience in :

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

Telephone: 860-486-5466

### How can I become involved in the Engineering 2000 Program?

E2K participants are nominated by their high school math, science, or technology teachers. Enrollment is limited to 80 students. These students receive:

- Exposure to 12 Engineering Programs
- Free room and board
- 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

There is a \$400 fee to attend this program, which covers project materials and supplies.

If you decide to attend UConn's School of Engineering, the \$400 will be returned to you as a scholarship during your first semester.

For an online application for the 2006 workshop, please visit our web site at: <http://www.engr.uconn.edu/soe.php?pld=enr2k>

The application deadline is, **March 24, 2006**, please be punctual. Sending late applications will affect your chances of admission. E2K 2006 dates are June 25 through June 30.

### What has been said about the Engineering 2000 Program?

"I found the ENGINEERING 2000 program to be incredibly helpful. It really showed me the different types of engineering and gave me a chance to talk to professors and students about engineering."

-David Rounce, July 1, 2005



"My son Matthew just completed the one week program and loved it. It is an absolutely wonderful program and he learned so much. I would highly recommend it to anyone in a heartbeat. He was all excited and discussed it all on the car trip home. The program allowed him to narrow down a bit more what type of engineering he'd like to get into."

-Elizabeth Syska, July 9, 2004

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# Engineering 2000

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 professions from fields such as medicine to law. 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 **Engineering 2000** Program will introduce you to the many opportunities waiting for you 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. Six academic departments are waiting to show you the endless possibilities!



## About E2K

For one week the School of Engineering introduces top juniors and seniors in high school 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 and the German Language and Physics Departments in the College of Liberal Arts & Sciences.

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

- Polymer Demonstrations
- Biochemical Engineering
- Fuel Cells
- Robo-lab Introductions/Challenge
- Ultrasound/imaging lab
- Make and Destructively test Composite Structures

