To: EECS undergraduates and freshmen interested in EECS
From: Hal Abelson and Gerry Sussman

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SPRING EXPERIMENTAL OFFERING OF 6.002

The EECS Department will be once again offering a spring experimental version of 6.002 ("6.002x") in addition to the regular 6.002 version.

To request a place to be reserved for you in the class, please send email to both Hal Abelson <hal@mit.edu> and Gerry Sussman <gjs@mit.edu>. Include in the message your name, your email address, your year at MIT, and the name of your academic advisor. You must send this request before November 1 in order to be considered for a place.

You should be interested in taking 6.002x if you like

- small classes
- learning in small, self-directed groups
- getting a hands-on feeling for introductory electrical engineering
  (you get to build your own radio receiver)

This will be the second offering of 6.002x. Last spring's offering was very successful: you can find news articles on it in the Tech at

http://www-tech.mit.edu/V123/N26/26six002x.26n.html

and in Tech Talk at

http://web.mit.edu/newsoffice/nt/2003/may21/ed-computer.html

Unlike the mainstream 6.002, 6.002x is organized in terms of case studies. Course material is presented in the context of studying complete applications such as X-10 home signalling, power converters, radio receivers, and control systems. Much of the work will be done in small group tutorials of about seven students led by a professional engineer. This approach to education is based on the case-based tutorial method pioneered at Harvard Medical School.
6.002x covers the same material as the regular 6.002, and in the same order of presentation. The workload and level of difficulty is the same for the two versions, although the weekly schedule of course meetings is different: 6.002x has two lectures (MW 11-12) and one recitation (F 11-12) per week. There will also a 2-hour tutorial once a week on Thursday, where students meet to explore a case.

6.002x has 8.02 as a prerequisite and either 18.03 or 18.06 as a co-requisite.

Due to the small size of the tutorials, and the need to staff them, there will be room in 6.002x for only a small number of students, and enrollment will be by permission of instructor only. To request a place to be reserved for you in the class, please send email to both Hal Abelson <hal@mit.edu> and Gerry Sussman <gjs@mit.edu>. Include in the message your name, your email address, your year at MIT, and the name of your academic advisor. You must send this request before November 1 in order to be considered for a place.