

Carnegie Mellon University
Department of Electrical and Computer Engineering
18-200 Emerging Trends in Electrical and Computer Engineering

Fall 2004 Course Syllabus

Web Site: <http://www.cmu.edu/blackboard>

Hosting Instructor

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Lectures:

Thursday 3:00 PM – 3:50 PM, DH 2210

Course Description

This class consists of a series of individual lectures given by different faculty members and distinguished alumni. The lectures are designed to serve the following purposes:

- 1) Provide students a good understanding of our curriculum structure and the courses in each of our five principle subject areas.
- 2) Introduce to students the emerging trends in electrical and computer engineering and the relevance of our courses.
- 3) Present to students our faculty's research fields.
- 4) Discuss basic learning and working ethics.
- 5) Prepare students career-making skills.
- 6) Introduce new undergraduate courses and research opportunities.

An award for the best lecturer, selected by students, will be given at the end of the semester.

Course Grading

Pass/Fail

Students are required to attend each lecture and to complete the quiz at the end of each lecture. If a student misses three or more lectures (or misses three or more quizzes) without any adequate reason or the overall grading on quiz is below 50%, he/she will receive a fail grade.

Schedule

	Date	Lecturer	Area/Content
L01	09/02	Prof. B. Krogh	Overall curriculum
L02	09/09	Prof. J. Bain	Student advising
L03	09/16	Prof. G. Ganger	Computer engineering
L04	09/23	Prof. G. Fedder	MEMS/applied physics
L05	09/30	Prof. R. Rajkumar	Computer engineering
L06	10/07	Prof. K. Gabriel	MEMS/entrepreneurship
L07	10/14	Prof. S. Blanton	Digital circuit
L08	10/21	Prof. T. Chen	Signal and systems
L09	10/28	Prof. B. Falsafi	Computer architecture
L10	11/04	Prof. P. Koopman	Computer software
L11	11/11	Dr. A.E. (Ned) Uber, III	How to be successful at work
L12	11/18	Prof. R. Rutenbar	Analog circuit
L13	12/02	Prof. E. Schlesinger	Devices/applied physics
L14	12/09	Prof. J. Hoburg	Ethics in learning