MASSACHVSETTS INSTITVTE OF TECHNOLOGY
Department of Electrical Engineering and Computer Science

6.002 – Electronic Circuits
Fall 2001

Information

6.002 Web Site: http://web.mit.edu/6.002/www/fall01

Lecturers: Prof. Gerald Jay Sussman, Room NE43-428, Extension 3-5874, gjs@mit.edu
Prof. Ron Parker, Room NW17-288, Extension 8-6662, parker@psfc.mit.edu.

Instructors: Prof. Leslie Kolodziejski, Room 13-3065, Extension 3-6868, leskolo@mit.edu;
Prof. Vahid Tarokh, Room 35-416, Extension 2-2941, vahid@mit.edu;
Prof. David Perreault, Room 10-039, Extension 8-6038, djperrea@mit.edu;
Prof. Donald Troxel, Room 36-287, Extension 3-2570, troxel@mit.edu;
Prof. John Kassakian, Room 10-172, Extension 3-3448, jgk@mit.edu;
Dr. Chathan M. Cooke, Room N10-201, Extension 3-2591, cmcooke@mit.edu.

TAs: Jose Oscar Mur-Miranda (Head TA), jomur@mit.edu;
Shome S. Basu, ssb@mit.edu;
Xuemin Chi, xuemin@mit.edu;
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Jaydeep Bardhan, jbardhan@mit.edu;
Euclid Moon, euclid@mit.edu;
Sergei Lubensky, sluben@mit.edu.

The TA offices are in the Lab, Room 38-500.

Course Admin: Jessica Strong, Room NE43-431, Extension 2-2857, strong@mit.edu.

Lectures: One-hour lectures will be held on Tuesdays and Thursdays at 11:00 AM in Room 10-250.

Recitations: One-hour recitations will be held on Wednesdays and Fridays. Available time slots are listed below.

Rec	Hour	Location
R1	9	26-210
R2	10	36-144
R3	10	36-153
R4	11	36-153
R5	11	36-155
R10	11	26-204
R6	12	36-155
R9	12	26-302
R7	2	34-302
R8	3	34-302

Recitation assignments will be posted on the 6.002 web site by 5:00 PM on Friday 9/7. You should attend your assigned recitation throughout the entire term. If you want to change your recitation assignment you must negotiate the change with the head TA.

Tutorials: Tutorials will be held in the TA offices within the Lab, Room 38-500, on Mondays, Tuesdays, and Wednesdays. Tutorial hours will be assigned and posted on the 6.002 web site by 5:00 PM on Wednesday 9/12. Tutorials canceled due to holidays will be rescheduled by your TA.

Text: The course notes may be purchased at the Cashier's Office in Room 10-180, and picked up at the EECS Instrument Room Desk in the Lab, Room 38-500.

Homework: Homework will be issued on Thursdays in lecture and collected a week later in Friday recitation. Corrected homework with solutions will be returned in tutorials the week after it is collected. You are welcome and encouraged to discuss the homework among your colleagues. However, the final formulation and write up of your homework answers must be your own. Submitting homework copied from someone else is a breach of ethics. More importantly, homeworks are critical to learning the material and to doing well on the quizzes and final exam. Homework questions may also appear in the tests, and homework performance will be taken into account during grade assignment.

Late homework will not be accepted for grading. Homework #11 will be a two-week design assignment that will also serve as the pre-lab exercises for Lab #4.

Handouts: Extra handouts from lecture and recitation can generally be found on the 6.002 web site. For those handouts that can not be put on the web, extra copies may be found in the 6.002 drawer of the file cabinet in the SW corner of the Lab, Room 38-500. If you find that there are no extra copies of such a handout in the drawer, please contact a TA or lecturer.

Labs: Labs will be conducted during the weeks shown in the "At a Glance" handout. TAs will be available for help and lab check-off between 1:00 PM and 5:00 PM during those weeks in which a lab is in progress. Written lab work for labs 1 through 3, which is to be completed in a lab notebook, will be due in recitation on the Friday following the week of the lab. No written work will be due for the last lab. You are welcome and encouraged to discuss the labs among your colleagues. You are also welcome to team up to work on a lab. However, the write up of your lab must be done on your own. Skipping the lab and submitting work copied from someone else is a serious breach of ethics.

Lab Kits: Lab kits may be purchased at the Cashier's Office in Room 10-180, and picked up at the EECS Instrument Desk in the Lab, Room 38-500.

Lab Books: You must obtain a thin square-ruled hard-cover notebook for recording measurements, observations and graphs of data taken during the in-lab exercises. Written pre-lab and post-lab exercises are also to be completed in your lab notebook. Your lab notebook must be turned in for grading during recitation on the Friday following the lab week; it will be returned before the next lab.

Quizzes: Two evening quizzes will be given. The first quiz will be on Wednesday, October 10 and the second quiz will be on Wednesday, November 14. The quizzes will be two hours long, but we intend that you will be able to finish in much less time than that. The quizzes will be held between 7:30PM and 9:30PM in the Walker Memorial Gymnasium (50-340). The exact date and location for the final will be announced later. There will be no recitation on the day of the quiz. Obviously, the quizzes must be worked on your own.

Final Exam: A three-hour final exam will be given during the end-of-term exam week. Timing and room assignments will be announced later. Obviously, the final exam must be worked on your own.

Grading: We will assign grades based on your performance in all required exercises: homework, quizzes, and final exam. The algorithm is not simple, because there will be considerable discussion among the entire teaching staff to factor in your diligence on the homeworks, performance on the labs, and your participation in class and tutorials. Furthermore, failure to complete the labs in this subject will result in a grade of F.

This subject has been designed so that lectures, recitations, tutorials, homework and labs are integral and essential parts of the learning process. Although there is no specific reward for participation, there is a clearly defined penalty for not participating. Students who consistently miss recitations, tutorials, homework or labs will be sure to get low grades. Violations of ethics will be referred to the Committee on Discipline.