

**ELECTRICAL ENGINEERING LAB-II (1227 Mudd, ELEN EE3042)
INFORMATION AND SCHEDULE**

Instructor:	László Tóth Office hours: Monday 1PM-2PM, Thursday 5PM-6PM Room: 817 CEPSR (Schapiro) Email: toth@cisl.columbia.edu Voice: (212) 854 6414
Teaching Assistant:	Sarvanan Rajapandian Office hours: Time: to be announced Room: 422 CEPSR(CISL) Email: sara@cisl.columbia.edu Mailbox: to be announced
Helpers(s):	to be announced
Recitations:	To be announced by the TA.
Text:	L. Tóth: EE Lab II manuals (2 volumes)
Circuit-related experiments:	The lab contains six circuit-related experiments. These experiments have preparation and measurement parts. The preparation assignments are due 1-2 days before the measurements. The TA will let you know the exact details. The graded preparations will be distributed before starting the lab sessions.
MATLAB-related experiments:	The lab contains five MATLAB-related experiments. These experiments have fixed due dates similarly to homework assignments. The TA will let you know the grades via email.
Final reports:	The final reports contain preparation and measurement parts, and postlab assignments. Since Lab II is still in experimental stage, the final reports are not handed back to the students. If needed, please make copies before submitting the final report.
Final grade:	Members of the same group get the same grades. In the final grade the circuit and MATLAB-related experiments will count 60% and 40%, respectively.
Website:	http://www.cisl.columbia.edu/courses/ee3042/

Experiment	Preparation due	Lab sessions	Final report due
Circuit experiment 1	1-2 days before the lab session	Feb. 11-15	Feb. 18 until midnight
MATLAB experiment 1	No preparation	No lab session	Feb. 22 until midnight
Circuit experiment 2	1-2 days before the lab session	Feb. 25-March 1	March 4 until midnight
MATLAB experiment 2	No preparation	No lab session	March 8 until midnight
Circuit experiment 3	1-2 days before the lab session	March 11-15	March 25 until midnight
Circuit experiment 4	1-2 days before the lab session	March 25-29	April 1 until midnight
MATLAB experiment 3	No preparation	No lab session	April 5 until midnight
Circuit experiment 5	1-2 days before the lab session	April 8-12	April 15 until midnight
MATLAB experiment 4	No preparation	No lab session	April 19 until midnight
Circuit experiment 6	1-2 days before the lab session	April 22 - April 26	May 6 until midnight
MATLAB experiment 5	No preparation	No lab session	May 3 until midnight
Circuit experiment 6 continued and/or catch up	No preparation	April 29 - May 3	

COMMENTS:

- MATLAB-related experiments are welcome to submit earlier. The due dates at Friday midnight merely denote the last days of submission.
- In exceptional cases delays can be accepted. The TA has full authority in this matter. Contact him directly in time.
- Each student has the right to see the graded final reports in the TA's presence. The TA will have the related previous lab reports during the lab sessions. So, you can discuss the grading personally with him. In addition, you can also use the TA's office hours for this matter.
- For the MATLAB-related experiments the Columbia network can be used directly, for example in Engineering Terrace (Mudd). No special registration process is necessary.
- For the circuit-related experiments you need special registration to use the circuit simulator HSPICE. Also, since you are using HSPICE remotely, you need to set up the appropriate environment. Hopefully, this process is familiar to most of you from Lab I in the Fall of 2001. New students (if any) should contact the TA as soon as possible.