

## **14:332:223 Principles of Electrical Engineering I Lab**

All lab sections start on September 8th. Note that although September 8th is a Wednesday, it follows Monday schedule. During the first three weeks of each lab section, students are exposed to Multisim and Pspice. Experiments begin from then onwards. Sections 1 and 3 have high enrollment.

Consequently, these sections are divided into two subgroups. Each subgroup attends the lab in alternate weeks. Sections 2, 4, and 5 have low enrollments. Each of these sections attends the lab in alternate weeks. November 22nd which is a Monday but follows Wednesday classes. Also, Thanksgiving recess starts on Wednesday Nov 24th and ends on Sunday November 28th.

The exact lab schedules are clearly indicated in 223-lab-info-schedules.pdf. which can be found at [www.ece.rutgers.edu/~psannuti](http://www.ece.rutgers.edu/~psannuti) and at the 221 course ecompanion. It is also attached to this page.

There are only five lab Experiments to be conducted. There used to be Experiment 6, but it is omitted and some aspects of it are added to Experiment 5. All lab experiments are some what revised.

223 Class Schedule  
Fall 2010

Date	Day	223 lab	Remark
Wednesday Sept 8th follows Monday classes			
8-Sep	Monday class	Section 1	PSPICE & Multisim
13-Sep	Monday	Section 1	PSPICE & Multisim
20-Sep	Monday	Section 1	PSPICE & Multisim
27-Sep	Monday	Section 1A	Expt 1
4-Oct	Monday	Section 1B	Expt 1
11-Oct	Monday	Section 1A	Expt 2
18-Oct	Monday	Section 1B	Expt 2
25-Oct	Monday	Section 1A	Expt 3
1-Nov	Monday	Section 1B	Expt 3
8-Nov	Monday	Section 1A	Expt 4
15-Nov	Monday	Section 1B	Expt 4
29-Nov	Monday	Section 1B	Expt 5
6-Dec	Monday	Section 1B	Expt 5
14-Sep	Tuesday	Section 2	PSPICE & Multisim
21-Sep	Tuesday	Section 2	PSPICE & Multisim
28-Sep	Tuesday	Section 2	PSPICE & Multisim
5-Oct	Tuesday	Section 2	Expt 1
12-Oct	Tuesday	Section 2	No lab
19-Oct	Tuesday	Section 2	Expt 2
26-Oct	Tuesday	Section 2	No lab
2-Nov	Tuesday	Section 2	Expt 3
9-Nov	Tuesday	Section 2	No lab
16-Nov	Tuesday	Section 2	Expt 4
23-Nov	Tuesday	Section 2	No lab
30-Nov	Tuesday	Section 2	Expt 5
7-Dec	Tuesday	Section 2	No lab
14-Sep	Tuesday	Section 3	PSPICE & Multisim
21-Sep	Tuesday	Section 3	PSPICE & Multisim
28-Sep	Tuesday	Section 3	PSPICE & Multisim
5-Oct	Tuesday	Section 3A	Expt 1
12-Oct	Tuesday	Section 3B	Expt 1
19-Oct	Tuesday	Section 3A	Expt 2
26-Oct	Tuesday	Section 3B	Expt 2
2-Nov	Tuesday	Section 3A	Expt 3
9-Nov	Tuesday	Section 3B	Expt 3
16-Nov	Tuesday	Section 3A	Expt 4
23-Nov	Tuesday	Section 3B	Expt 4
30-Nov	Tuesday	Section 3A	Expt 5
7-Dec	Tuesday	Section 3B	Expt 5

223 Class Schedule  
Fall 2010

Date	Day	223 lab	Remark
Monday November 22nd follows Wednesday classes			
15-Sep	Wednesday	Section 4	PSPICE & Multisim
22-Sep	Wednesday	Section 4	PSPICE & Multisim
29-Sep	Wednesday	Section 4	PSPICE & Multisim
6-Oct	Wednesday	Section 4	Expt 1
13-Oct	Wednesday	Section 4	No lab
20-Oct	Wednesday	Section 4	Expt 2
27-Oct	Wednesday	Section 4	No lab
3-Nov	Wednesday	Section 4	Expt 3
10-Nov	Wednesday	Section 4	No lab
17-Nov	Wednesday	Section 4	Expt 4
22-Nov	Wednesday class	Section 4	No lab
1-Dec	Wednesday	Section 4	Expt 5
8-Dec	Wednesday	Section 4	No lab
9-Sep	Thursday	Section 5	PSPICE & Multisim
16-Sep	Thursday	Section 5	PSPICE & Multisim
23-Sep	Thursday	Section 5	PSPICE & Multisim
30-Sep	Thursday	Section 5	Expt 1
7-Oct	Thursday	Section 5	No lab
14-Oct	Thursday	Section 5	Expt 2
21-Oct	Thursday	Section 5	No lab
28-Oct	Thursday	Section 5	Expt 3
4-Nov	Thursday	Section 5	No lab
11-Nov	Thursday	Section 5	Expt 4
18-Nov	Thursday	Section 5	No lab
2-Dec	Thursday	Section 5	Expt 5
9-Dec	Thursday	Section 5	No lab

Sections 1 and 3 are divided into two sub-groups each; 1A, 1B and 3A, 3B

Section	Day of lab	Time period
1A	Monday	12 to 3 PM
1B	Monday	12 to 3 PM
2	Tuesday	8:40 to 11:40AM
3A	Tuesday	1:40 to 4:40PM
3B	Tuesday	1:40 to 4:40PM
4	Wednesday	12 to 3 PM
5	Thursday	3:20 to 6:20PM