

# EE3283 ELECTRONICS

## Section 01, Fall 1998

### Instructor:

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### Hours:

*Class Hours:* Tue, Thu 12:30 pm — 1:45 pm, Simrall 104

*Office Hours:* Tue, Thu 3:00 pm — 5:00 pm, Simrall 429 / 432

### Text:

Giorgio Rizzoni, *Principles and Applications of Electrical Engineering (2nd Edition)*.

### Course Requirements and Grading:

*Prerequisites:* Credit or registration in one of

- EE 3113 (Networks I)
- EE 3183 (Electrical Engineering Systems)

*Grading:*

- |                            |   |     |
|----------------------------|---|-----|
| • In-class quizzes         | 3 | 60% |
| • Final comprehensive exam | 1 | 25% |
| • Homework assignments     |   | 15% |

*Attendance:* Regular attendance is expected and will be a factor when assigning final grades in borderline cases.

*Super-audits:* Super-audits are not permitted.

### Makeup Policy:

- No makeup quizzes / exams are allowed.
- If you miss only one quiz, you may substitute your final exam grade for it.

### Homework Assignments:

- Weekly homework assignments are specified in syllabus.
- Homework will be due on the next Tuesday at the beginning of class.
- No late assignments will be accepted except in extremely deserving cases.
- Copying is not allowed and will be severely penalized. However, students are encouraged to discuss and work on the homework assignments together.

**Course Schedule:**

<u>Week</u>	<u>Dates</u>	<u>Material</u>	<u>Homework</u>
1.	08/25, 08/27	Introduction, Ch. 7.1, Ch. 7.2	
2.	09/01, 09/03	Ch. 7.3, Ch. 7.4, Ch. 8.1	7.1, 7.4, 7.6, 7.7, 7.8, 7.9, 7.11, 7.15, 7.24, 7.36*, 7.39
3.	09/08, 09/10	Ch. 8.2, Ch. 8.3, Ch. 9.1	8.1, 8.3, 8.4, 8.5, 8.9, 8.16, 8.20
4.	09/15, 09/17	Ch. 9.2	9.7, 9.8, 9.15
5.	09/22	Ch. 11.1, Ch. 11.2	
6.	09/29 <b>10/01</b>	Ch. 11.3, Review <b>Quiz #1 — Ch. 7, 8, 9</b>	11.2, 11.3, 11.6, 11.7, 11.10, 11.12
7.	10/06, 10/08	Ch. 11.4, Ch. 11.5, Ch. 11.6, Ch. 12.1, Ch. 12.2	11.17, 11.19, 11.22, 11.24, 11.26, 11.28, 11.30, 11.32, 11.34, 11.39, 11.42, 11.45, 11.49, 11.50, 11.53, 12.1, 12.4
8.	10/13, 10/15	Ch. 12.2, Ch. 12.3, Ch. 12.4	12.9, 12.11, 12.15, 12.17, 12.20
9.	10/20, 10/22	Ch. 12.4, Ch. 12.5, Ch. 13.1	12.23, 12.25, 12.28, 12.30, 12.33, 12.36, 12.46, 12.49
10.	10/27 <b>10/29</b>	Ch. 13.2, Review <b>Quiz #2 — Ch. 11, 12</b>	
11.	11/03, 11/05	Ch. 13.3, Ch. 13.4, Ch. 13.5	13.1, 13.3, 13.4, 13.8, 13.17, 13.18, 13.19, 13.22
12.	11/10, 11/12	Ch. 14.1, Ch. 14.2, Ch. 14.3	14.5, 14.8, 14.10, 14.11, 14.17, 14.32, 14.34, 14.36
13.	11/17, 11/19	Ch. 14.4, Ch. 14.5	14.42, 14.44, 14.46, 14.49, 14.52, 14.56, 14.64, 14.70
14.	11/24	Ch. 14.6	
15.	12/01 <b>12/03</b>	Review <b>Quiz #3 — Ch. 13, 14</b>	
16.	12/08, 12/10	Review, Problem sessions	
17.	<b>12/16</b>	<b>Final Comprehensive Exam</b>	