EE3713 DIGITAL DEVICES & LOGIC DESIGN
SECTION 03, FALL 1997

Instructor:

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Hours:

Class Hours:	Tue, Thu 9:30 am — 10:45 am, Simrall 104
Office Hours:	Tue, Thu 1:00 pm — 3:00 pm, Simrall 434 / 432

Text:

Charles H. Roth, Jr., *Fundamentals of Logic Design (4th Edition).*

Course Requirements and Grading:

Prerequisites: Credit or registration in
- CS 1253 (Computer Programming with Pascal)
- CS 1314 (Intermediate Programming)

Grading:
- In-class quizzes   4   60%
- Final 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 no longer permitted.

Makeup Policy:
- No makeup exams are allowed.
- If you miss only one quiz, you may substitute your final exam grade for it.
- If you take all four quizzes, you may substitute your final exam grade for the lowest quiz grade.

Homework Assignments:
- Weekly homework assignments are specified in syllabus.
- Homework will be due on Tuesdays before beginning of class.
- No late assignments will be accepted except in extremely deserving cases.
- Copying is not allowed and will be severely penalized. Students are however encouraged to discuss and work on the assignments together.

Course Schedule:

Week	Dates	Material	Homework
1.	8/19, 8/21	Introduction, Syllabus Ch. 1, Ch. 20.1	1.1 (a, b), 1.2 (a, d), 1.3 (c), 1.9, 1.11 (b), 1.14, 20.2 (a, b), 20.5
2.	8/26, 8/28	Ch. 2, Ch. 3	2.1 (a, d), 2.3 (a, b, d), 2.4 (a, c), 2.5 (b, d), 3.4, 3.6, 3.9 (a), 3.12 (a), 3.13 (d), 3.15, 3.20, 3.25
3.	9/02, 9/04	Ch. 4, Ch. 5	4.4, 4.14, 4.20, 5.2 (a, c), 5.7, 5.18, 5.21, 5.25
4.	9/09	Ch. 6.1 - 6.3	6.4, 6.5, 6.8, 6.11, 6.14
	9/11	**Quiz #1 — Ch. 1 - 5, 20.1**	
5.	9/16, 9/18	Ch. 6.4 - 6.6, Ch. 7	6.18, 6.20, 6.31, 7.2 (a, c), 7.4 (b, d), 7.8, 7.10, 7.13 (a, c)
6.	9/23, 9/25	Ch. 8	8.2, 8.5, 8.7, 8.12(b), 8.15, 8.16, 8.24, 8.26, 8.27
7.	9/30, 10/02	Ch. 9	9.1(b), 9.4, 9.7, 9.14, 9.19 - 9.22, 9.27
8.	10/07	Ch. 11.1 - 11.4	11.2, 11.3, 11.8
	10/09	**Quiz #2 — Ch. 6 - 9**	
9.	10/14, 10/16	Ch. 11.5 - 11.9, Ch. 12	11.10. 11.13, 12.3, 12.5, 12.10, 12.11 (c, d), 12.13
10.	10/21, 10/23	Ch. 13, Ch. 14	13.2, 13.3, 13.6, 13.9, 13.11, 14.4, 14.6, 14.7, 14.11, 14.17, 14.18, 14.25
11.	10/28	Ch. 15.1 - 15.3	15.2, 15.4, 15.5, 15.7, 15.9
	10/30	**Quiz #3 — Ch. 11 - 14**	
12.	11/04, 11/06	Ch. 15.4 - 15.8, Ch. 17	15.13, 15.17, 15.18, 17.1, 17.3, 17.6, 17.12
13.	11/11, 11/13	Ch. 18, Ch. 20.2 - 20.3	18.1, 18.3, 18.5, 18.6, 18.8, 20.6, 20.9, 20.11
14.	11/18, 11/20	Ch. 21, Ch. 22	21.4, 21.5, 22.2, 22.4, 22.13, 22.16
	11/25	**Quiz #4 — Ch. 15, 17, 18, 20.2, 20.3, 21**	
15.	12/02, 12/04	Design examples, Problem session, Course review	
	12/08	**Final — 3:00 pm - 6:00 pm**	