
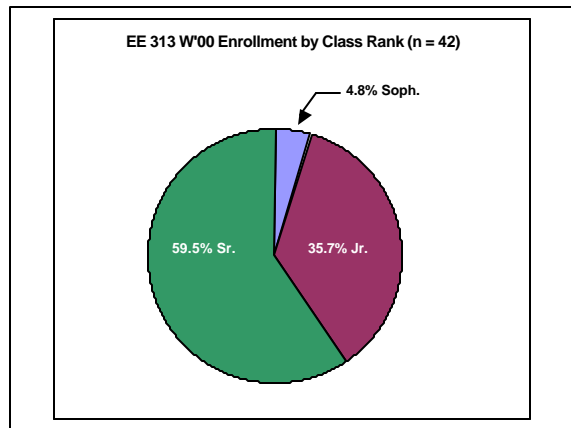
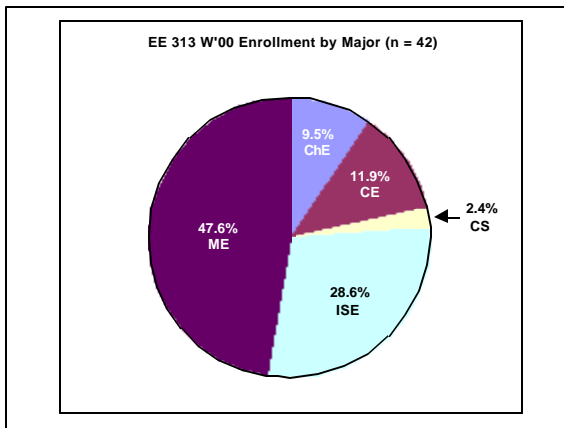

EE 313: Basic EE Introduction
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Stocker Center, Russ College of Engineering & Technology

**Welcome to
EE 313: Basic EE I**

**Winter Quarter 2000
Call # 01542**



ELECTRICAL ENGINEERING & COMPUTER SCIENCE
in the ATHENS campus
EE E 313 AOL
Winter Quarter 2000-2001 as of 12/17/2000 at 10:38:58 AM
Course Description

Field	Value	Unit	Time	Class Building
Unit Number	51542	Monday	1:00PM to 2:00PM	STOCKER ENGINEERING
Section Number	1	Wednesday	1:00PM to 2:00PM	EEEG
Prerequisites	ENGR 200	Friday	1:00PM to 2:00PM	STOCKER ENGINEERING
Classroom location	500			EEEG
College	ENGR			
Class Room (Bldg. / Room)	500			
Registration Dates	12/14/00 - 12/18/00			
Registration Dates	12/14/00 - 12/18/00			
Section of record	5154211 MANHIRE			
Registration Dates	12/14/00 - 12/18/00			
Special notes				
Other notes				

Time:
 2:10 p.m. - 3:00 p.m.; Monday, Wednesday and Friday

Venue:
 107 Stocker Center

Attendance:
 Attendance is not required.

Instructor:
 Prof. B. Manhire, 357 Stocker Center
 593-1579, manhire@ohio.edu

Office Hours:
 Noon till 2:00 p.m.; Monday, Wednesday and Friday


HYPERSTRUCTURE 708

ELECTRICAL ENGINEERING

SCHEDULE


Week	Topics	Text Sections (Pages)	Homework Problems
1 1/4-7	Circuit Elements and Laws	2.1-2.6 (1-31)	2.1-2.27 (Due 1/14)
2 1/10-14	Analytical Techniques for Resistive Circuits	2.7-3.2 (31-68)	2.29-3.17 (Due 1/21)
3 1/17-21	"	3.3-3.6 (69-103)	3.19-3.49 (Due 1/28)
<i>No Class Monday 1/17, Martin Luther King Day</i>			
4 1/24-1/28	First Exam (Friday, 1/28) Energy Storage Elements	4.1-4.3 (104-119)	4.1-4.21 (Due 2/7)
5 1/31-2/4	AC Circuits	4.4-5.2 (119-150)	4.23-5.5 (Due 2/14)
6 2/7-11	"	5.3-5.5 (151-172)	5.7-5.29 (Due 2/21)
7 2/14-18	"	5.6-5.7 (172-209)	5.31-5.47 (Due 2/25)
8 2/21-25	Second Exam (Friday, 2/25) Transients	6.1 (210-222)	6.1-6.9 (Due 3/3)
9 2/28-3/3	"	6.2-6.3 (222-235)	6.11-6.19 (Due 3/8)
10 3/6-10	" Review for Final Examination	6.4 (235-264)	6.21-6.35 (Due 3/10)
Final Examination: Wednesday, 3/15 at 2:30 p.m.			

Modus Operandi



PowerPoint® Briefings in Class
PowerPoint® Lectures on Web
Homework Tutorials in Class (OTs & Blackboard)

K R O W N



E X A M P A Y O F F

105 Problems ∴ ≈ 11 per week

Teamwork!

(Work Together & Exploit Tutorials)

HW Tutorials

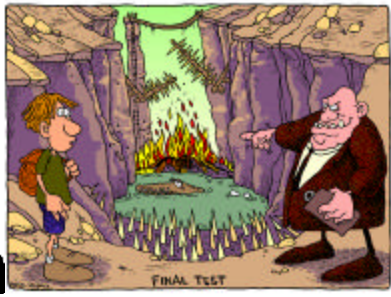
- Two Methods: OT vs. “Chalk & Talk”
- Overhead Transparencies (OT)
 - **Pro:** Set-piece solutions, all steps are *written out* (professor responsible for solutions’ documentation)— very organized, walk-through *after* copying, high production rate (per-unit time)
 - **Con:** Not spontaneous, not very interactive, tedious (copying)

HW Tutorials

- Chalk & Talk (Blackboard)
 - **Pro:** More spontaneous, more interactive
 - **Con:** Less organized, some steps discussed but not explicitly written (students responsible for solutions’ documentation), low production rate (time intensive)

Those nominating tutorial problems will choose the tutorial methodology

E X A M S



B R E E D O N H O M E W O R K

Open Book, Open Notes
Choice of Problems

Exams

BRAD ON HOMEWORK

**A Way to Prepare for Exams:
Employ Rote Learning Via**

Course Grades

GRADING

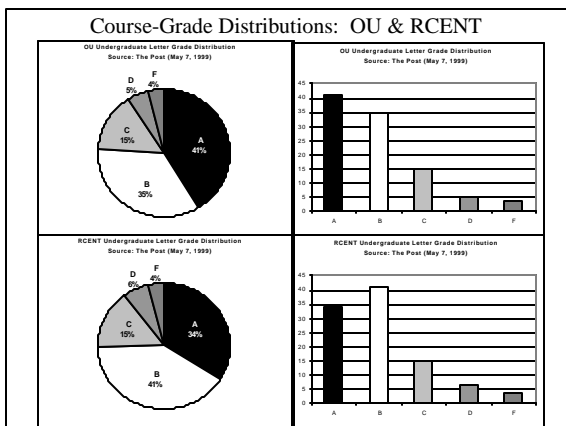
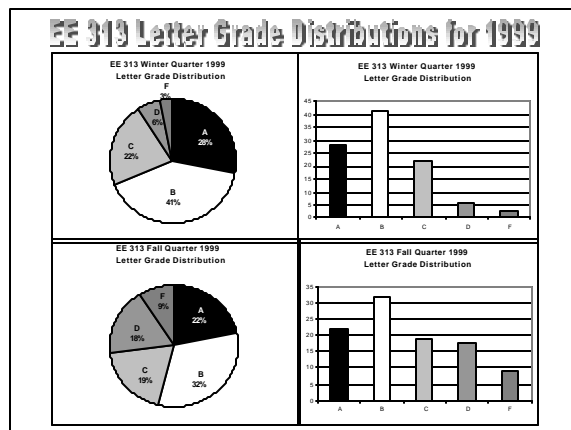
Per-Unit Grading Scheme

Raw Scores	Scores + Constant	% Increase	Per-Unit Scores	% Increase
RS	$RS + (100 - RS_{max})$	(Scores + Const.)	$RS/RS_{max} * 100\%$	(Per-Unit)
$RS_{max} = 95$	100	5%	100	5%
85	90	6%	89	5%
75	80	7%	79	5%
65	70	8%	68	5%
55	60	9%	58	5%
45	50	11%	47	5%
35	40	14%	37	5%
25	30	20%	26	5%
15	20	33%	16	5%
5	10	100%	5	5%
Averages → 50	55	10%	53	5%
Std.Devs. → 29	29	0%	30	5%

(N.B.: All figures are rounded to the nearest whole number.)

Letter-Grade Template

A = 95-100%,	A- = 90-94%	B = 80-83%,
B+ = 87-89%,	B = 84-86%,	C = 70-73%,
C+ = 77-79%,	C = 74-76%,	D- = 60-63%,
D+ = 67-69%,	D = 64-66%,	
Below 60% = F.		



We welcome your questions with Enthusiasm!!

Brian Manhire, Ph.D.
Professor of Electrical Engineering

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Athens OH 43102-2170

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