

1. Course grade

Weighting:	Midterm Exam	8 %	
	Lecture Attendance & quizzes	5%	
	Final Exam	17 %	
	Homework	10 %	
	Lab Reports	35 %	(for details, see lab grading policy, next page)
	Lab Project	25 %	(for details, see lab grading policy, next page)

A rough guide to interpret your exam scores:

- Midterm: Average score is typically 65%
A midterm score below 35% predicts a course grade of D or F.
- Final: Average score is typically 55%

“Fixed scale” for course grade

A+	96-100%
A	90-95
A-	85-89
B+	81-84
B	77-80
B-	72-76
C+	68-71
C	63-67
C-	58-62
D+	53-57
D	48-52
D-	45-47
F	<45

Your letter grade will be determined by your total score in the course and the “fixed scale” shown in the table on the left.

A typical distribution of course grades is: 20% A, 41% B, 27% C, 12% D and F combined. This is not a grading curve; it is intended only as an illustration. The distribution will vary each year because your grade will be assigned using the “fixed scale” above.

Students receiving course grades of C or lower usually have poor attendance at lecture or lab, missing homework, and late or missing lab reports.

2. Lab reports grade

points item

5	attendance: points received for showing up <i>on time</i> at the beginning of lab period
5	turn in a report containing all required sections
5	write in complete sentences
15	schematics, showing all instruments and labels for pins on IC's
10	explanation of procedures used
60	results, including the following: <ul style="list-style-type: none">• units (Hz, mV, etc.) on all data values including graphs & tables• sketch or printout of scope display, if used, including labels for V & t scales• graphs, if used, that include: smooth theoretical curves, measured values with error bars, axis labels and title• error values on analog measurements (where specified) with an explanation of where these errors came from propagation of errors for computed quantities

Penalty for late lab reports:

- Hand in your work in your lab session on the week indicated in the schedule.
- **A penalty of 5 points per day is applied to all lab reports that are handed in late.**

For the course grade, longer labs count more, and shorter labs count less.

3. Project Grade

At the end of the course, you will do a project, which will be a circuit of your own design. You may construct it either on a prototype board (recommended) or hardwired. Your project will be graded as follows:

<u>grading factor</u>	<u>prototype</u>	<u>hardwired</u>
design	80 %	60 %
cleverness of idea #		
how well it works		
how ambitious it is *		
schematic diagram	10	10
specifications	10	10
quality of construction	-	15
safety	-	5

See the end of the lab manual for important information regarding:

- a required *disclosure* of elements of your design that are not your creative idea
- *plagiarism*.

* Discuss your plans with Prof. Goree to get an idea of whether your idea is too ambitious or to unambitious. Also see example projects on the course website.