29:128 Electronics   Grading   2013

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)

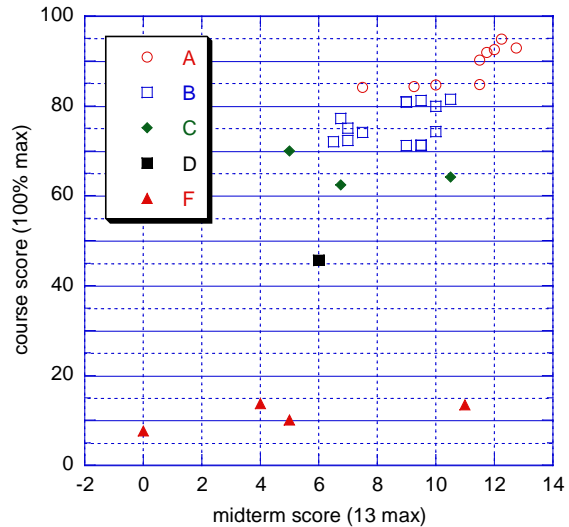A rough guide to interpret your exam scores
        Midterm: average score is typically 75%
        Final: average score is typically 55% (it's harder than the midterm)

Fixed scale for course grade

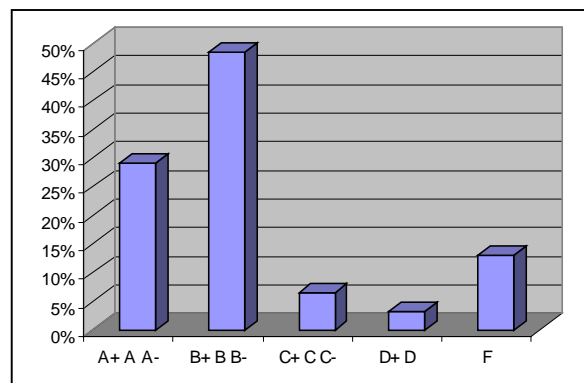|	
A+	96-100%
A	89-95
A-	83-88
B+	78-82
B	73-77
B-	68-72
C+	64-67
C	60-63
C-	55-59
D+	49-54
D	40-48
F	<40

Midterm as a predictor of course score (2007-2008)

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

A histogram of course grades is shown in the chart on the right. 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 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 *on time* 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:
- 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.**

When computing course grades, the instructor will weight the lab grades so that longer labs count more and shorter labs count less.

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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:

grading factor	prototype	hardwired
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

* 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.