# EECS 42 - Introduction to Electronics for Computer Science 

Fall 2001, Dept. EECS, UC Berkeley

Tentative OH M, Tu, W, (Th), F 11 Course Web Site http://www-inst.EECS.Berkeley.EDU/~ee42/

## Results Midterm \#2 November 7th, 2001

| Problem | Possible | Ave | Stdev |
| :---: | :---: | :---: | :---: |
| I | 30 | 22.6 | 5.9 |
| II | 25 | 18.4 | 4.0 |
| III | 22 | 15.2 | 7.4 |
| IV | 23 | 14.0 | 5.6 |
| Total | 100 | 70.1 | 16.3 |

Again impressive results: 14 achieved 90 or above and only 14 people were below 50. These good scores were achieved even though the exam was a bit long and some of the questions were asked from a different point of view.

| Approx. | Grade | Number |
| :--- | :--- | :--- |
| A+ | $\mathbf{9 5}$ |  |
| A | $\mathbf{9 0}$ |  |
| A- | $\mathbf{8 5}$ |  |
| B+ | $\mathbf{7 9}$ |  |
| B | $\mathbf{7 4}$ |  |
| B- | $\mathbf{6 8}$ |  |
| C+ | $\mathbf{6 1}$ |  |
| C | $\mathbf{5 5}$ |  |
| C- | $\mathbf{4 7}$ |  |
| D+ | $\mathbf{4 0}$ |  |
| D | $\mathbf{3 3}$ |  |
| D- | $\mathbf{2 7}$ |  |
| $<$ D- | $<\mathbf{2 7}$ |  |

The grade scale above is approximate.
It is based on a Standard Normal Distribution (SND) in which a grade of $B$ - is average. The scale below 68, however, has been expanded.

## Notes:

Partial credit was given provided you showed intermediate results that were on track.
Only problem IV had an average significantly below 70\% and by design this problem was intended to be harder.
Problem III had the largest standard deviation and was probably the hardest to grade. The ordering of the curves was reversed on purpose to test your understanding of the conceptual approach.

