

EE 42 Grading Process Fall 2003

The numerical scores were computed using the procedure outlined below. The letter grade assignment was then made by human interpretation of the pattern that emerged including the trend in exam scores with time.

0) A Homework bonus was given on an individual student basis to make the worst problem set score perfect. The homework with the bonus was totaled and divided by 344 (80% of 430). This fraction clipped at unity was then multiplied by 100 to get the Homework Normalized (HWN).

1) Transient Problem Bonus: The worst score on either the First Midterm or Final was replaced with $(2/3 \text{ best} + 1/3 \text{ worst})$.

2) Ideal Op-Amp Problem Bonus: The worst score on either the Second Midterm or Final was replaced with $(2/3 \text{ best} + 1/3 \text{ worst})$.

New normalizations were developed for the 1st Midterm, 2nd Midterm and Final by plotting the adjusted scores. Something between a strict statistical processing and an absolute scale based on quality of work was developed. This results in M1N, M2N, and FTN.

Midterm Variation Bonus: After normalization the Composite Midterm Normalized (CMN) was computed as $2/3 \text{ best} + 1/3 \text{ worst}$.

This was combined with the FTN to obtain the Composite Exam Normalized (CEN).

Finally, $0.95 \text{ CEN} + 0.5 \text{ HWN}$ was added to get the Combined All Normalized (CAN).