

CIS 3362 Current Grade Calculation and Approximate Grade Lines

$$\text{GRADE} = (\text{SUM}(\text{H1} - \text{H5})/25 + \text{SUM}(\text{Q1} - \text{Q5})/5)/.66$$

Each point on homework is .04% of the class, each point on a quiz is .2% of the class. So far 66% of the course assignments are graded (homeworks 1 through 5 and quizzes 1 through 5).

Here are current approximate grade lines:

$$A = 75$$

$$B = 60$$

$$C = 45$$

Quiz 4 Feedback

Here are the average scores on each question:

Question	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Q4-8	Q4-T
Perc	94.67	71.5	85.5	80	96.38	10.2	33.57	100	63.96

Really good: prime factorization, Fermat's Theorem, Fermat Factoring

Good: Phi calculation, Euler's Theorem

Not Good (but okay since challenging): Conceptual question about order, code

In general I was pleased with the outcome of this quiz. The only question I think the class could really improve on is the coding question. I believe understanding and coding the square root idea for divisors isn't too difficult and that it's key to avoid doubles when possible.

$$\sqrt{i} \leq n$$

Quiz 5 Feedback

Here are the average scores on each question:

Question	Q5-1	Q5-2	Q5-3	Q5-4	Q5-5	Q5-6	Q5-T
Perc	72.33	84.8	53.6	77.8	21.2	100	58.62

Good: RSA

Pretty Good: Diffie-Hellman, ECC Addition

Average: El Gamal

Not Good: ECC conceptual question

In general, I was pleased with these results. Questions 1, 2 and 4 had really high averages and are all quite detailed questions. Maybe question 3 could see a bit of improvement but I intentionally asked it in a non-traditional way. Also question 5, tests for conceptual understanding. I do think this average could get better.

Figure out
mod exp via
calc showing
steps