Fall 2026 CIS 3362 Homework #4 Grading Criteria

1) 10 pts - If the answer's correct just give full credit. If they made a systemic error in their process, give 4/10, if they used the right process but just made a couple of binary to hex errors or something of that nature, then take off 1 pt per error (only if there are 2-3 errors max), if you can't figure out the system they used or there are quite a few errors, just 0/10

2) 10 pts - If the answer's correct just give full credit. If they made a systemic error in their process, give 4/10, if they used the right process but just made a couple of binary to hex errors or something of that nature, then take off 1 pt per error (only if there are 2-3 errors max), if you can't figure out the system they used or there are quite a few errors, just 0/10 (so same as #1 since this task is a pretty similar task.)

3) 10 pts – 1 pt for getting the correct hex character for each block, 2 pts total for converting from hex to binary. If they have the wrong hex it's 1 point off...

4) 20 pts – 7 pts for the answer, 1 point her block, block has to be correct, 13 points for the process, grader decides partial credit as needed.

5) 8 pts – 1/2 pt per byte, round down (floor function) and record an integer

6) 4 pts = 1 pt for each row, row has to be fully correct to get the point

7) 10 pts – 2 pts for each box. May award 1 pt for a box if you think it deserves it

8) 12 pts – 2 pts to get polynomial without mod (so $x^{10}+x^7+x^6+x^5+x^4$)
6 pts to reduce x^{10} to $x^6+x^5+x^3+x^2$
2 pts to get to $x^7+x^4+x^3+x^2$
1 pt to get to binary 1001 1100
1 pt to convert to hex

Note: some of the steps listed above are ones that students can do in their head, if they go straight to the hex from the polynomial you can give them full credit.

9) 16 pts – 8 points for each one break up points as follows for each computation:

3 pts – for 02 mult
3 pts – for 03 mult
2 pts – for final XOR