Fall 2025 CIS 3362 Homework #4 Grading Criteria

1) 30 pts – 5 pts to follow the function prototype, 5 pts to be trying something reasonable inside the code that uses bitwise operations, 20 execution points (20 random cases will be checked).

2) 6 pts – 1 pt per pair

3) 8 pts - 1 pt per output of each S box

4) 12 pts – 3 pts to follow the function prototype, 9 pts for the 63 test cases given (I mostly expect this to be all or nothing),

5) 8 pts – ½ pt each entry, round down

6) 4 pts – 1 pt per row, row has to be perfectly correct to get it

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

8) 12 pts – 4 pts for 4 x E6, 6 pts for 10 x E6, 2 pts to XOR it together, give partial as you see fit

9) 10 pts – 3 pts for 2 times, 4 pts for 3 times, 3 pts for final XOR, give partial as needed. Only give partial if the correct sum of products is written out so automatic 0/10 if the wrong sum of products is written.