**Principles of Cryptography (CIS-405)**

**Homework Assignment 2.**

**Question 1**

Complete Exercise 1 of Module 7: Transposition Ciphers Discussion Activity. For part 14 answer questions a through d

**Points: 4** (1 point each for steps a through d).

**Question 2**

Complete Exercise 1 of Module 8: Polyalphabetic Ciphers Discussion Activity.

(**Points: 4** (2 point each for parts a and b).

**Question 3**

Complete Exercise 3 of Module 8: Polyalphabetic Ciphers Discussion Activity.

(**Points: 4** (2 point each for stating the key and the plaintext).

**Question 4**

Complete Exercise 2 of Module 9: One Time Pad Discussion Activity. You must provide a screenshot of the code and console window as evidence that you programmatically arrived at the right solution.

(**Points: 4** (2 points for screenshot of code and console displaying the answer to the riddle).

**Question 5**

Complete Exercise 3 of Module 9: One Time Pad Discussion Activity.

(**Points: 2** (2 points for providing an answer to the riddle).

**Question 6**

Attempt steps 1 through 8 of Module 10: Electromechanical Cipher Machines Discussion activity. There has been a discussion board created for this part of the homework. Post your answer to parts a and b on the discussion board.

**Points: 2** (1 point for correctly encrypting a message and posting the relevant information on the discussion board.  1 points for correctly decoding a classmate's encrypted message.)