Course:	INFO-6001 – 23W
Project:	Lab Assignment #3
Due Date:	**Please see the instructions at the bottom of the page.**
Submitting:	
Professor:	
Student Name/No:	_____ _____

How is this assignment graded?

Total marks: 10

Instructions

On a new Word document, answer the following:

1) Describe in detail the differences between a MAC, HMAC, and SHA1?
2) ~~Review the Public Key Infrastructure and detail the limitations and the effect this can have on those using this method?~~
3) Describe how elliptic curve works and a current implementation?
4) What are some threats associated with Digital Signatures?
5) Calculate following GCD (589432167, 3498762) Show all of the reductive steps in your work (prime factors or Euclidian)

Mandatory

1) This is an individual assignment

2) All work must be submitted in Word format with a cover page showing you Name, student Number, course number, and submission date.

3) Any assignments submitted in compressed format (.zip, rar, 7z, etc.) will not be marked and receive a grade of zero (0).

4) All plagiarized assignments will receive an academic offence.

How should I submit my Assignment?

Electronic Submission (<u>mandatory</u>):

This is an independent assignment. You will submit a MS-Word file with the responses to the questions and embed any Excel or Visio objects you used for drawing into the same file. Upload it to the Submission box.