



THE UNIVERSITY OF WINNIPEG

APPLIED COMPUTER SCIENCE

ACS-2821-001

Information Security in Business Fall 2018

Assignment 1

Due Date: Oct 2nd, 2019

The assignment has a total of 80 marks. Please complete by due date and email the assignment on or before the due date to my University's email account p.pak@uwinnipeg.ca. No assignment will be accepted after the due date. Date/time stamp on the email will be used to determine if the assignment is on time or late. Please submit assignment in **PDF format**. Thank you.

- 1) List and briefly define using your own word what the information security objectives are including what some security specialist think we should include. (Marks 10)
- 2) What are the 12 principles of information security? List each one of them and using your own word briefly describes each principle with an example. (Marks 36)
- 3) Using the text book (Chapter 2), the lecture slide deck, and the Equifax Data Breach post mortem slide deck as a reference, list which of the 12 principles of information security were broken in the Equifax data breach. And use your own word to justify your answers. (Marks 20)
- 4) Why is Certification important? Why is Standard important? Using your own word tell me the why they are important. (Marks 14)