

# ETHS8130 – Ethics and Security

## Assignment 2

### 1. Submission Guidelines

All assignments must be submitted via the econestoga course website before the due date in to the assignment folder.

You may make multiple submissions, but only the most current submission will be graded.

Submissions should include be in MS WORD format. This will allow me to make comments directly on your assignment if needed.

**All quotations and sources must be properly acknowledged using Conestoga College's citation standards.**

### 2. Grading

This assignment will be worth 15% of your total grade in the course.

Assignments submitted after the due date will receive a 20% penalty.

Assignments submitted after 8am the day following the due date will receive a mark of 0.

### 3. Background

This assignment covers the first few Lectures in the course. Please consult the lecture slides as well as your personal notes on our in-class discussions

### 4. Assignment Tasks

#### a. Question 1 – 10 marks

Find an example of a security breach from a news report from the past three months. Please do not use any examples that have been given in class.

Describe the breach in your own words and identify the elements and categories of the breach as discussed in class. Additionally, identify the attack vectors used. Recall the differences between elements, categories and vectors all discussed in class.

#### b. Question 2 – 10 marks

Choose a tech related company and research their impact (positive, negative, or both) on the environment. Include at least two suggestions of ways they could sustainably improve their environmental impact. Remember to provide full and proper citations.

c. Question 3 – 10 marks

You are consulting for a financial institution that wants you to put together a training session for their employees on security. Research three instances (these should not be ones shared in class or used elsewhere in this assignment) in which attackers used social engineering to attempt to gain access to a system. Describe the approach they used.



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