Cyber Security: Fundamental Business Risk Syllabus

Massive Online Open Course

# Instructor Information

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| --- | --- | --- |
| Instructors | Email | Office Location & Hours |
| **Dr. Hayden Wimmer**  **Terrence Donerson (Co)** | Use System Email  <donerson.terrence@gmail.com> | n/a  n/a |

# General Information

## Description

Understanding Cyber Security as a critical business function.

## Expectations and Goals

# Objective 1: Identify the impact of cyber security and understand how employees create gaps in security when they bring their own devices to work.

Objective 2: Identify and understand why Privacy, quality and security all need to be applied in the design phase.

Objective 3: In this unit students will come to understand that while weaknesses in security can be discovered, it is still important to know what to do when (not if) hacking take place.

Objective 4: Identify and understand how to uses the confluence of technological change to drive security outcomes

# Course Materials

## Required Hardware/Software

* Computer: Personal computer with Windows 7or higher, or a Macintosh with OS
* Monitor: An LCD (or equivalent) or better monitor.
* Internet Access
* Google Chrome Web Browser

## Required Text

**Staying Ahead in the Cyber Security Game: What Matters Now** eBook, Erik van, Ommeren Martin Borrett, Marinus Kuivenhoven

# Course Schedule

| Week | Reading | Exercises |
| --- | --- | --- |
| Unit 1 | Chap. 1,2, and 3 | Quizzes and Memorandum |
| Unit 2 | Chap. 4,5,6, and 7 | Quizzes and Memorandum |
| Midterm | Attached Articles | Discussion Summaries |
| Unit 3 | Chap. 8,9, and 10 | Quizzes and Memorandum |
| Unit 4 | Chap. 11,12,13 and 14 | Quizzes and Memorandum |
| Final |  | Reflective Paper |
| Cap Stone Project | Research a topic | Annotated research bibliography |

# Additional Information and Resources

## Assessment Policies/ and Overview of Grading/Grading Scale

## Your course grade will be calculated as follow:

Syllabus Quiz 100 Points

14 Expand Your Learning Quizzes, 25 Points each for a potential total of 350 Points

14 Chapter Quizzes, 100 Points each for a potential total of 1400 points

4 Unit Assessments, 200 Points each for a potential total of 800 points

Midterm 300 Points

Final 300 Points

Cap Stone 1000 Points

**Total Points a student can earn 4,250**

**Minimum number of points to pass this course 2975 (this is equivalent to a 70.)**

## Academic Honesty

Unless otherwise indicated, all assignments, projects, examinations, etc. are individual assessments and evidence of excessive collaboration between students will be treated as cheating. Note that representing the work of another is considered cheating. The usual penalty for cheating is an 'F' in the course.

**Policy on Changes to the Syllabus**

The instructor reserves the right to change the syllabus and class schedule, including assignments and exams, only with prior notice given to the class.