Faculty of Engineering
COURSE OUTLINE

ELEC 574 - Practice of Information Security and Privacy

Term – SPRING 2016 (201601)

Instructor
Dr. Yanguo (Michael) Liu

Office Hours
Days: Friday
(After Class Or By appointment)

Phone: 778-997-9902
Time: 5:30 PM – 6:30 PM

E-mail: mliu@uvic.ca
Location: EOW419

Course Objectives
This course is designed to address important issues to implement security in the corporate environment and deals with advanced topics in information security management. The course is aimed to provide practical understanding of information security based on the theory and practice. It is assumed that students have fundamental knowledge of information security. The course consists of 10 topics well defined in information security industry.

Learning Outcomes
• Students will learn the common knowledge of the information security domains classified by major information security associations
• Students will understand information security requirements and practise in corporate environment
• Students will be able to apply information security theories, models and techniques in solving practical information security problems.

Syllabus

A-Section(s): A01 / CRN 21194
Days: Friday
Time: 2:30 PM – 5:20 PM
Location: Cornett Building A121

A02/CRN 21195
Days: Friday
Time: 2:30 PM – 5:20 PM
Location: Cornett Building A121
Required Text
Title: Information Security: Principles and Practices, 2/E
Author: Mark S. Merkow & Jim Breithaupt
Publisher: Pearson IT Certification
Year: 2014

Optional Text
N/A

References:
Lecture notes and article reprints available on CourseSpace
http://coursespaces.uvic.ca

Assessment:
Quizzes: 20%
Project: 10%
Mid-term: 20%
Final: 50%
Date: Friday, Feb 26th, 2016 (2:30 PM – 4:30 PM)

Note:
To complete the course, it is required to successfully complete all online quizzes and the project. Each lecture contains an online quiz in the field. Failure to complete all requirements will result in a grade of N being awarded for the course. Failure to pass the final exam will result in a failing grade for the course.

The final grade obtained from the above marking scheme for the purpose of GPA calculation will be based on the percentage-to-grade point conversion table as listed in the current Graduate Calendar.
http://web.uvic.ca/calendar/GRAD/FARe/Grad.html

Note to Students:
Students who have issues with the conduct of the course should discuss them with the instructor first. If these discussions do not resolve the issue, then students should feel free to contact the Chair of the Department by email or the Chair's Secretary to set up an appointment.

Accommodation of Religious Observance
http://web.uvic.ca/calendar/GI/GUPo.html

Policy on Inclusivity and Diversity
http://web.uvic.ca/calendar/GI/GUPo.html

Standards of Professional Behaviour
You are advised to read the Faculty of Engineering document Standards for Professional Behaviour, which contains important information regarding conduct in courses, labs, and in the general use of facilities.
http://www.uvic.ca/engineering/assets/docs/professional-behaviour.pdf
Cheating, plagiarism and other forms of academic fraud are taken very seriously by both the University and the Department. You should consult the entry in the current Graduate Calendar for the UVic policy on academic integrity.

http://web.uvic.ca/calendar/FACS/UnIn/UARE/PoAcI.html

Course Lecture Notes

Unless otherwise noted, all course materials supplied to students in this course have been prepared by the instructor and are intended for use in this course only. These materials are NOT to be re-circulated digitally, whether by email or by uploading or copying to websites, or to others not enrolled in this course. Violation of this policy may in some cases constitute a breach of academic integrity as defined in the UVic Calendar.