SENG 460 – Practice of Information Security and Privacy
Term – Spring 2019 (201901)

Instructor	**Office Hours**
Gary Perkins, MBA, CISSP	Days: Friday (after class)
Phone: 250-387-7590	Time: 18:30 – 19:30
E-mail: garyperkins@uvic.ca	Location: EOW 419

Course Objectives

This course is designed to familiarize students with key security concepts and principles. The course will reinforce ideas through examples and case studies. Students will understand the importance of information security and privacy and balancing the needs for security with usability.

Learning Outcomes

- Students will learn the common language of information security domains

- Students will understand information security requirements and implementation in corporate environment

- Students will be able to apply information security theories, models and techniques in solving practical information security problems

Syllabus

Topics include education and awareness, consulting, vulnerability management, security threat and risk assessment investigations and forensics, identity management, security operations, and privacy. Also introduces information security-related certification and relevant professional associations. Students are required to complete a project.

A-Section(s): A01 /CRN 20935; A02 / CRN 20936
Days: Friday
Time: 15:30 – 18:20
Location: ECS 116

Teaching Assistants:

Linlin Zhang (linlinzhang1015@gmail.com)
Marina Ibrishimova ((marinaibrishimova@uvic.ca)

Required Text	**Optional Text**
Title: Navigating the Digital Age	Title: Cyber Threats to Canada's Democratic Process
Author: New York Stock Exchange	Author: Communications Security Establishment
Publisher: Caxton Business & Legal, Inc	Publisher: Government of Canada
Year: 2015	Year: 2017
Link: https://www.nyse.com/publicdocs/Navigating_The_Digital_Age.pdf	Link: https://cyber.gc.ca/sites/default/files/publications/cse-cyber-threat-assessment-e.pdf

Assessment:

Quizzes: 20%   Jan 25, Mar 15, Apr 5
Mid-term   40%   Date: Friday, Feb 15th, 2019 (15:30 – 17:30)
Final Exam   40%

Note: 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 Undergraduate Calendar.

https://web.uvic.ca/calendar2019-01/undergrad/info/regulations/grading.html

There will be no supplemental examination for this course.

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 Assistant to set up an appointment.

Accommodation of Religious Observance:
https://web.uvic.ca/calendar2019-01/undergrad/info/regulations/religious-observanc.html

Policy on Inclusivity and Diversity:
https://web.uvic.ca/calendar2019-01/general/policies.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.
https://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 Undergraduate Calendar for the UVic policy on academic integrity.
https://web.uvic.ca/calendar2019-01/undergrad/info/regulations/academic-integrity.html

Equality: This course aims to provide equal opportunities and access for all students to enjoy the benefits and privileges of the class and its curriculum and to meet the syllabus requirements. Reasonable and appropriate accommodation will be made available to students with documented disabilities (physical, mental, learning) in order to give them the opportunity to successfully meet the essential requirements of the course. The accommodation will not alter academic standards or learning outcomes, although the student may be allowed to demonstrate knowledge and skills in a different way. It is not necessary for you to reveal your disability and/or confidential medical information to the course instructor. If you believe that you may require accommodation, the course instructor can provide you with information about confidential resources on campus that can assist you in arranging for appropriate accommodation. Alternatively, you may want to contact the Resource Centre for Students with a Disability located in the Campus Services Building.

The University of Victoria is committed to promoting, providing, and protecting a positive, and supportive and safe learning and working environment for all its members.

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.

Sexualized Violence Prevention and Response at UVic

UVic takes sexualized violence seriously, and has raised the bar for what is considered acceptable behaviour. We encourage students to learn more about how the university defines sexualized violence and its overall approach by visiting www.uvic.ca/svp. If you or someone you know has been impacted by sexualized violence and needs information, advice, and/or support please contact the sexualized violence resource office in Equity and Human Rights (EQHR). Whether or not you have been directly impacted, if you want to take part in the important prevention work taking place on campus, you can also reach out:

      Where: Sexualized violence resource office in EQHR; Sedgewick C119
      Phone: 250.721.8021
      Email: svpcoordinator@uvic.ca
      Web: www.uvic.ca/svp