



**COURSE OUTLINE**  
**SENG 460 – Practice of Information Security**  
**Fall 2011**

**Instructor:**

Dr. Henry Lee  
Phone:  
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**Office Hours:**

Days: Fridays  
Time: 11:00am – noon  
Location: EOW 309

**Lectures:**

A-sections: A01 / CRN 16622	A02 / CRN 16623
Days: Fridays	
Time: 1:30pm – 4:20pm	
Location: Clearihue Building (CLE) A308	

**Required Text:**

Title: Practice of Information Security  
Author: Henry Lee *et al.*, Information Security Branch, BC Ministry of Citizens' Services  
Available at the Bookstore  
Year: 2011

**References:**

Provided in the text material in every chapter  
Lecture material will be available after each lecture at <http://www.ece.uvic.ca/~henrylee/>.

**Assessment:**

Assignments:	30%	
Mid-term	20%	Date: Friday, Oct. 21 <sup>st</sup> (1:30 – 3:30 p.m.)
Final	50%	Date: December (TBD)

Note: To complete the course, it is required to successfully complete all assignments. Each lecture contains a case study chosen from examples in the field. In the case study, a problem is described and students are asked to create solutions to the problem either cooperatively or individually. The result of the case study should be summarized individually and submitted to Dr. Lee as an assignment. *It is encouraged to develop the case study further and incorporate further findings into the assignment.*

**Due dates for assignments:**

Assignments will be due one week after they are assigned. All assignment deliverables must be submitted to Dr. Lee's ECE Dept. mailbox in EOW 448 by 4:30 p.m. on the due date (next Friday after each lecture). A 1% deduction in the overall assignment mark will be made for each day a given deliverable is late.

The final grade obtained from the above marking scheme will be based on the following percentage-to-grade point conversion:

90 ≤	A+ ≤	100	
85 ≤	A <	90	
80 ≤	A- <	85	
75 ≤	B+ <	80	
70 ≤	B <	75	
65 ≤	B- <	70	
60 ≤	C+ <	65	
55 ≤	C <	60	
50 ≤	D <	55	
35 ≤	E <	50	Fail, conditional supplemental exam* - <u>for undergraduate courses only.</u>
	F <	35	Fail, no supplemental exam.
	N		Fail, did not write examination or otherwise complete course requirements by the end of the term or session; no supplemental exam.

\* The rules for supplemental examinations are found on pages 79-80 of the current 2011/12 Undergraduate Calendar.

<b>Term in which E Grade was obtained:</b>	<b>Application Deadline for Supplemental Exam</b>	<b>Supplemental Exam Date</b>
First term of Winter Session (Sept – Dec)	Following February 28	First week of following May
Second term of Winter Session (Jan – Apr)	Following June 30	First week of following September
Summer Session (May – Aug)	Following October 31	First week of following January

Deferred exams will normally be written at the start of the student's next academic term; i.e., approximately 4 months following the deferral of the exam.

## Syllabus

Enterprise Security Architecture. Information Security Policy and International Standards. Security Threat and Risk Assessment. Monitoring. Investigations. Forensics. Application Security. Privacy. Media Handling, Intellectual Property and Asset Disposal. Ethical Hacking. Business Continuity Management. Physical and Environmental Security. Certificates in Information Security.

## Guidelines on Religious Observances

1. Where classes or examinations are scheduled on the holy days of a religion, students may notify their instructors, at least two weeks in advance, of their intention to observe the holy day(s) by absenting themselves from classes or examinations.
2. Instructors will provide reasonable opportunities for such students to make up work or missed examinations.
3. Students will cooperate by accepting the provision of reasonable opportunities for making up work or missed examinations.
4. The University Secretary's Office will distribute a multi-faith calendar to each academic unit annually.

## Commitment to Inclusivity and Diversity

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

## **Standards of Professional Behaviour**

You are advised to read the Faculty of Engineering document Standards for Professional Behaviour at <http://www.uvic.ca/engineering/current/faculty/#section0-13> which contains important information regarding conduct in courses, labs, and in the general use of facilities.

Cheating, plagiarism and other forms of academic fraud are taken very seriously by both the University and the Department. You should consult

<http://web.uvic.ca/calendar2011/FACS/UnIn/UARe/PoAcI.html> for the UVic policy on academic integrity.