



**COURSE OUTLINE**  
**CENG 496/SENG 480A – Advanced Topics in Information Security**  
**Fall 2008**

**Instructor:**

Dr. Henry Lee *et al.*  
Phone: 721 8613  
E-mail: henrylee@ece.uvic.ca

**Office Hours:**

Days: Fridays  
Time: 11:00 a.m. – 12:00 p.m.  
Location: EOW 441

**Lectures:**

Days: Fridays  
Time: 1:30 – 4:20 p.m.  
Location: ECS 116

**Required Text:**

Title: Advanced topics in information security  
Author: Office of the Chief Information Officer, Province of British Columbia  
Available in the Bookstore  
Year: 2008

**References:**

Provided in the text material in every chapter

**Assessment:**

Assignments:	30%	
Mid-term	20%	Date: Friday, Nov. 14 <sup>th</sup> (1:30 – 2:30 p.m.)
Final	50%	

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 page 79 of the current 2007/08 Undergraduate Calendar.

Term in which E Grade was obtained:	Application Deadline for Supplemental Exam	Supplemental Exam Date
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. International Standards and Best Practices. Security Threat and Risk Assessment. Security Education and Awareness. Monitoring. Investigations. Forensics. Application Security. Privacy. Media Handling, Intellectual Property and Asset Disposal. Business Continuity Planning. Physical and Environmental Security. Certificates in Information Security.

## Posting of Grades

The Department of Electrical and Computer Engineering will no longer post grades. Students may access their grades via the Internet at <http://www.uvic.ca/reco/> and selecting WebView (Student Records On-Line).

## 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.engr.uvic.ca/policy/professional-behaviour.php> 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/calendar2007/FACS/UnIn/UARe/PoAcI.html> for the UVic policy on academic integrity.