

# INSE 6150 Security Evaluation Methodologies (4 credits)

## 1. General Information

- INSE 6150: Security Evaluation Methodologies (4 credits)
- Friday: 5:45pm-8:15pm, H-431
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- E-mail: [fung@ciise.concordia.ca](mailto:fung@ciise.concordia.ca)
- Office: EV7.628
- Office hour: Monday 10:00am-11:00am & Friday 4:30pm-5:25pm
- Course website: <http://www.ciise.concordia.ca/~fung/INSE6150/>. The webpage will contain announcements related to the class, pointers to documents, class notes, project description, etc. The username and password required to access this page will be provided in class.

## 2. Course Description

- The course has two parts. Part I is on cyber forensics, including digital forensics processes, windows forensics, e-mail forensics, network forensics, PDA and cell phone forensics. Part II is on security evaluations methods, including formal analysis and vulnerability analysis.
- Prerequisites: None

## 3. Tentative Schedule

- See course website.

## 4. Course Materials

- Textbook: **None**
- Lecture notes: Powerpoint slides provided by the instructor.

## 5. Assignments and Grading

- **Assignments:**

1. Midterm Exam: 25%
2. Final Exam: 40%
3. Team Project: 30%
4. Participation: 5%

- **Details:**

1. Midterm Exam: will focus on cyber forensics
2. Final Exam: will take place during the examination period at the end of the semester. Students should not make any specific arrangements to leave the city until the final exam date is posted.
3. Team Project: must be done in a team of 4 to 5 members (no more than 5 members). Every member should sign the [Expectations of Originality form](#).
4. Participation: attend all lectures.

- **Final Grade:**

Important: There is no substitution to a missing midterm, so make sure that you write the midterm at the scheduled time. There are no pre-set cutoff points for the final grades; the cutoff points will be decided based on an assessment of difficulty level, class performance, and fairness. That is, there is no definite rule for translation of number grades to letter grades.

Plagiarism, absenteeism, lack of preparation, and lack of effort will result in a failing grade.

In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.

## 6. Academic Code of Conduct

### Academic Integrity

Any form of cheating, plagiarism, personation, falsification of a document as well as any other form of dishonest behaviour related to the obtention of academic gain or the avoidance of evaluative exercises committed by a student is an academic offence under the Academic Code of Conduct and **may lead to severe penalties up to and including suspension and expulsion.**

As examples only, you are not permitted to:

- Copy from anywhere without indicating where it came from
- Let another student copy your work and then submit it as his/her own
- Hand in the same assignment in more than one class
- Have unauthorized material or devices in an exam. Note that you do not have to be caught using them – just having them is an offence
- Copy from someone's else exam
- Communicate with another student during an exam
- Add or remove pages from an examination booklet or take the booklet out of an exam room
- Acquire exam or assignment answers or questions
- Write an exam for someone else or have someone write an exam for you
- Submit false documents such as medical notes or student records
- Falsify data or research results

You are subject to the Academic Code of Conduct. Take the time to learn more at <http://provost.concordia.ca/academicintegrity/>

## 7. Student's Responsibilities

- Students are expected to attend every class. Some material may only be covered in class and not made available on the course website. Students are expected to read the assigned materials and to actively participate in class discussions.
- Students are expected to be respectful of other people's opinions and to express their own views in a calm and reasonable way. Disruptive behaviour will not be tolerated.
- Students are expected to be familiar with the Code of Rights and Responsibilities:  
<http://rights.concordia.ca>
- If you cannot attend class for any reason, unforeseen or not, you should talk or write to me as soon as possible.

## 8. Student Services

- **Concordia Counselling and Development** offers career services, psychological services, student learning services, etc.  
<http://cdev.concordia.ca>
- **The Concordia Library Citation and Cycle Guides:**  
<http://library.concordia.ca/help/howto/citations.html>
- **Advocacy and Support Services:**  
<http://supportservices.concordia.ca>
- **Student Transition Centre:**  
<http://stc.concordia.ca>
- **New Student Program:**  
<http://newstudent.concordia.ca>
- **Office for Students with Disabilities:**  
<http://supportservices.concordia.ca/disabilities/>
- **The Academic Integrity Website:**  
<http://provost.concordia.ca/academicintegrity/>