CS150 - Computer Security  
Department of Computer Science  
Tufts University  
Spring 2005

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Office Hours/Location: TBA  

Text: Handouts in class  
Homepage: http://www.cs.tufts.edu/comp/150ics

Description:
Prerequisites: CS 40  
Prerequisites by Topic: Knowledge of basic probability, data structures and the ability to write large, complex programs in C.

Course Description: This course will introduce the student to a systems perspective on host-based and network-based computer security. The course will introduce the student to current vulnerabilities and measures for protecting hosts and networks. A large multi-part programming project will provide the student with a comprehensive introduction to firewalls and intrusion detection systems.

Course Requirements:
Assignments (20%): There will be a written assignment approximately every week requiring you to do research on vulnerabilities and defenses using the security and cracker sites on the Web to extend the ideas presented in class.

Projects (45%): There will be several programming projects.

Exams (35%): There will be one in-class midterm (15%) and a final exam (20%)

Additional Information:

• All assignments are due at 11:59pm the night before the specified due date (you will turn them in online). Assignments turned in after the due date/time, but within 24 hours will be penalized 10%. Assignments turned in more than 24 hours after the due date/time are unacceptable unless other arrangements have been made before the
due date or extenuating circumstances exist. (I do not consider interview trips an extenuating circumstance.) Written assignments can be html, ascii, pdf or postscript files. MSWord files are NOT acceptable.

- You are responsible for all information given in class verbally and/or in writing. All information about the course (including but not limited to exam dates, office hours and course schedule) may be superseded by information given in class at any time.

- Cooperative efforts for understanding the course material are encouraged. **Programming projects and written assignments must be done individually.** If you need help see the instructor or the TA. Submitting any work that is not a student’s own is considered cheating. As per Department policy, cheating will result in a failure in the course, as well as any other applicable measures. This also applies to exams. Note that I will be extremely harsh if a student is caught cheating in a computer security course, as it implies a lack of personal integrity I would be loath to have in someone working in the area of security.

- You may request *in writing* to have an assignment or exam re-graded, the result of which may be an increase or a decrease in your grade. To have an assignment or a test re-graded, you must submit a request via email to the TA *within two days* after receiving the graded assignment or exam. Requests for re-grades after two days will not be honored.

- If you need to meet with me, speak with me after class, visit me during office hours or send me an email to set up an appointment.