Course Overview and Syllabus

Tuesday, January 6th, 2009.

Course Info

Website: http://www-cse.ucsd.edu/classes/wi09/cse227

Lectures: Tuesday and Thursday, 5:00–6:20 PM, WLH 2208

Final exam: Thursday, March 19th, 7:00–9:59 PM, room TBA.

Staff

Instructor: Hovav Shacham
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Readings

There is no textbook for the class. Instead, we will read research papers. These will be posted to the course Website ahead of each lecture.

Discussing the research papers — the problems they address, their techniques, how they evaluate their contributions, their limitations, and directions they point towards for future work — is the major component of the class. Please make sure you have read and understood the assigned readings before each class. (Those papers marked “optional” are recommended but not required.)

Research Project

The major graded component of the class is a research project, in any area of computer security, including those not covered in the syllabus. The project will consist of original research.

You will give a short (10–15 minute) presentation on the last day of class about your project, and submit a short (6–8 page) writeup.

The goal is to have the resulting writeup be of sufficient quality and novelty to submit to a conference in computer security. There is precedent for this. For example, one of the CSE 227 projects from last year appeared at CCS 2008.

For the project, you will form teams of two. A Team of one or three students may be required depending on class size but they are strongly discouraged.
Once you have picked a team, you will write a short project proposal. We will have additional project milestones throughout the quarter.

**Grading**

In addition to the project, there will be an in-class, closed-book, comprehensive final exam.

The research project will count for 50% of the final grade. Participation in class discussions will count for 20% of the final grade. The final will count for the remaining 30%.

**Collaboration Policy**

You may work in your assigned project team on the project. It is expected that both students in a pair contribute to all parts of the project, including giving the final presentation.

No collaboration whatsoever is allowed on exams. You must not look at exam solutions from previous years.

**Late Policy**

The deadlines for the project presentation and writeup are hard deadline; no late assignments will be accepted. For other project milestones, late assignments will be accepted but assessed a 25% penalty per day (or fraction of a day) late.

**Academic Integrity**

Students are expected to do their own work, as outlined in the UCSD Policy on Integrity of Scholarship: [http://www-senate.ucsd.edu/manual/Appendices/app2.htm](http://www-senate.ucsd.edu/manual/Appendices/app2.htm).

Cheating will not be tolerated, and any student who engages in forbidden conduct will be subjected to the disciplinary process. Cheaters will receive a failing grade on the assignment, the exam, or in the entire course. They may also be suspended from UCSD.