

CS 585 Syllabus Spring 2006

Instructor: Dr. Delbert Hart

Office: TH N345

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Class: MW 19:05 - 20:25

Location: TH N308

Text: Computer Security by Matt Bishop

Opt Text: Practical Unix & Internet Security

www: <http://www.cs.uah.edu/~dhart/cs585/>

news: <news://news.uah.edu/uah.cs.security>

Office Hours: T 10:00-12:00 W 15:00-17:00

Final: Monday May 1st 18:30 - 21:00

Objectives

This course will examine both the theoretical and practical aspects of computer and network security. Including:

- Understand what security means in the context of software systems.
- Understand different models of security that can be used in software.
- Understand the use and limitations of cryptographic functions and hashes.
- Understand the basics of network security.
- Learn about best practices with respect to creating software systems.

Grading

Grading Scale:

A: 90+ **B:** 80-89 **C:** 70-79 **D:** 65-69 **F:** < 65

If you are concerned about your grade contact me as early as possible.

Point Breakdown

Exams	60%
Paper	25%
Discussion	10%
Presentation	5%

There will be between four and six noncumulative in class exams, including the final. The highest grade will replace the lowest grade. Make-up exams will not be given unless I have prior email notification about the absence.

Schedule

In general, the course will cover the chapters in the required text in order through Chapter 17, and the selected topics for the remainder of the semester.

Newsgroup

Course announcements will be made on the newsgroup. To access the newsgroup from off campus you can use the username/password of csuser/p9211. For the discussion portion of the grade students are expected to post one original message by Friday of each week, and post a reply to someone else's message by Sunday of each week.

Academic Integrity

The computer science department requires compliance with an examination policy for all tests, including midterms and final exams. A copy of the policy is included with this syllabus. UAH requires students comply with a code of conduct that can be found in the student handbook. You are responsible for being familiar with both policies.

Always give credits to your sources. If you have any doubts ask the instructor before you submit your work, it is too late after it has been submitted.

Students are required to follow all applicable acceptable use and other computer policies. Failure to do so will result in failing grade for the course in addition to other penalties.