



<http://www.cs.fsu.edu/~tvhoang/classes/cnt4406.html>

Class Meetings

TuThu 1:20 pm - 2:35 pm, at Love 101.

Staff



Instructor: Viet Tung Hoang

Email: tvhoang@cs.fsu.edu

Office hours: MF 2:30pm-3:30pm, virtual



Grader: Khaled Alharbi

Email: ka19m@fsu.edu

Office hours: W 11am-12pm, Love 409A

Prerequisites

The official corequisite is Data Structure, but if you want to do well in this class, you need to have strong mathematical maturity and a reasonable understanding of probability theory and computer network.

Textbooks

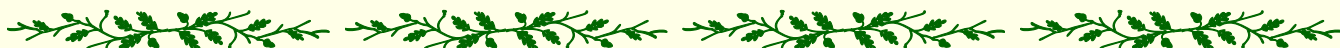
There is no textbook for the class. In the course website, I list some online lecture notes that you can use for the cryptography material.

What Is This Course About?



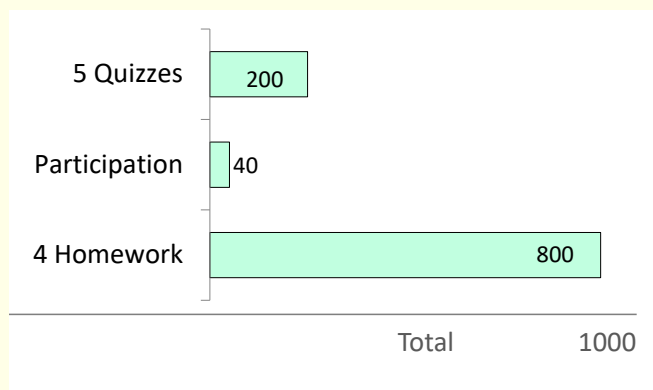
In this class, we learn about how to use applied cryptography to provide security for network applications. In particular, you'll learn about security issues of TCP/IP and how to partially fix them via security protocols like SSH, TLS, VPN, and Tor. Yet these solutions aren't perfect, and we'll break some version of them.





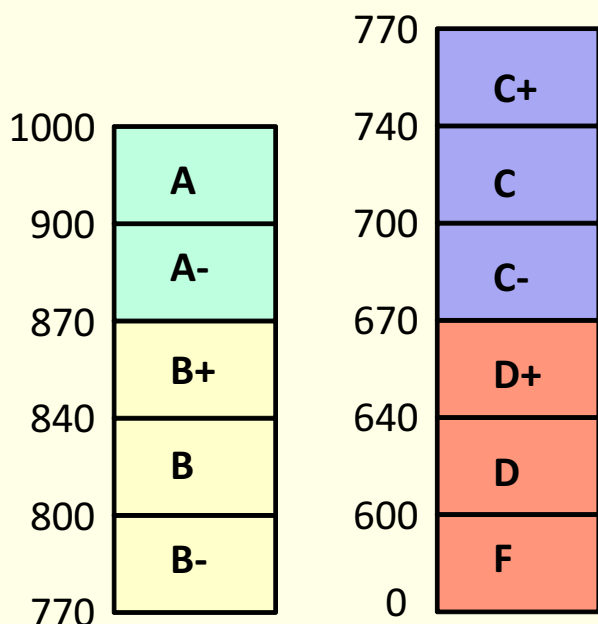
How Will You Be Evaluated?

SCORES. The maximum total score is 1000 and its breakdown is shown below. There is no exam in this class.



Actually, the total score is 1,040 points. That is, you have 40 bonus points.

GRADING. Your total score will be converted to letter grade as shown below.



Skip Class? You Won't Pass

Attendance is required in this class. If your score is just a bit below the cutoff line (within 5 points), I'll use your attendance to move you to the better grade.

Participation Matters, But How?

MID-SEMESTER SURVEY. You'll complete an (anonymized) survey to provide feedback to my teaching. This is worth 10 points.

IN-CLASS EXERCISES. In some lectures, we will have (unannounced) exercises to help you review the material. The exercises are not graded, but count towards your participation. I plan to have 6 exercises, each of 5 points.

Homework Policy

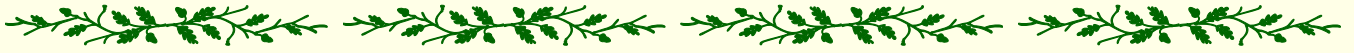
NO LATE SUBMISSION. In order to provide timely solutions to assignments, I do not accept late homework submissions.

TYPESETTING. Please typeset your homework solutions via Latex. See the course website for Latex resources, as well as a template for homework.

WRITING MATTERS. In your homework, 10% of the points will be reserved for the exposition. Please do not provide "first draft" writing; nobody can write good technical prose in a single draft

RE-GRADING. You can request a regrade within a week of when grades are posted. Please limit the regrading to cases when you believe that an actual error was made, not on the distribution of partial credits.

CHEATING. On homeworks, you may not consult any problem set solution for any similar problem, regardless of institution. It is **not** appropriate to work on assignments with other students or to give or receive solutions to or from anyone before an assignment is due and handed in (by all parties).



University Attendance Policy

Excused absences include documented illness, deaths in the immediate family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. Accommodations for these excused absences will be made and will do so in a way that does not penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

Academic Honor Policy

FSU Academic Honor Policy (found at <http://fda.fsu.edu/Academics/Academic-Honor-Policy>):

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to "... be honest and truthful and ... [to] strive for personal and institutional integrity at Florida State University."

Americans With Disabilities Act

Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center; and (2) bring a letter to the instructor indicating the need for accommodation and what type.

This syllabus and other class materials are available in alternative format upon request. For more information about services available to FSU students with disabilities, contact:

Student Disability Resource Center

874 Traditions Way

108 Student Services Building

Florida State University

Tallahassee, FL 32306-4167

(850) 644-9566 (voice)

(850) 644-8504 (TDD)

sdrc@admin.fsu.edu

<http://www.disabilitycenter.fsu.edu>

Syllabus Change Policy

This syllabus is a guide for the course and is subject to change with advanced notice.

