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Course Syllabus

San Jose State University
Department of Computer Science
CS 166, Information Security, Fall 2022

(In-Person)

Note:

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Thursday: 12:00 --- 1:15 PM

- **Office Hours:**

Thursdays: 8:00---9:00 PM

Online:

Zoom:

Course Description

This course covers fundamental security topics including cryptography, protocols, passwords, access control, software security, and network security. Additional topics selected from multilevel security, biometrics, tamper-resistant hardware, information warfare, e-

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Note. You are responsible for regularly checking with the messaging system through Canvas including [The Course Announcement](#) to learn of any updates, and actions to preform.

Required Texts/Readings

Textbook

Required:

Information Security: Principles and Practice, 2nd/3rd edition, Mark Stamp, (Wiley, May 2011, ISBN-10: 0470626399, ISBN-13: 978-0470626399).

Recommend

Principles of Information Security by Michael E. Whitman, Herbert J. Mattord.

Other Readings

Other readings will be listed on the class schedule (in Canvas Modules).

Course Requirements and Assignments

Purpose of the assignments is two fold: 1)

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The midterm exam will take place in the classroom during class time during regular class hours.

Final Exam:

The final exam will be comprehensive, i.e. can ask any question from the scope of the entire course, and will also take place in class.

Note: Assignments are due by 11:59 PM Pacific Time on the specified day.

Late homework assignments will NOT be accepted

Grading Information

This course uses the clear grading criteria as described in this and following section.

The final grade in the course will be calculated based on the following percentages:

1. Homework Assignments: 30%
2. Quizzes: 20%
3. Midterm: 20%
4. Final Exam: 25%
5. Participation online discussion forum, CS166 Forum Interact and Pop Quizzes: 5%

Grading Scale

Nominal grading scale:

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7E!C!7F! @C!

GH!C!G7! 8A!

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2) The *feedback about student work* is provided by various means: 1) course announcements (collective students feedback), 2) Individual feedback as comments in the student's Grade Book, 3) Personal feedback provoked by students' question or query using Canvas Inbox, 4) Unprovoked personal feedback initiating from me using Canvas Inbox, if deemed necessary by the instructor.

Classroom Protocol

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Keys to success:

- Do the readings and assignments, and attend class.
- Regular attendance is an integral part of the learning process. Please arrive on time for the classes.

- **Laptop or desktop with Internet connection is required.** During the online Zoom class, I will be sharing my **PowerPoint Presentation** with the class. You can get more from the lecture by following the pointer on the PowerPoint just like room class presentation, but this time it would be on your computer screen instead of Overhead Projector screen.
- In Many aspects, Zoom class is like Room class; so:
 - Please, reveal your identity, e.g. use video with live you, not your static picture.
 - Be on your laptop (not phone), and at a safe place, not on the run.

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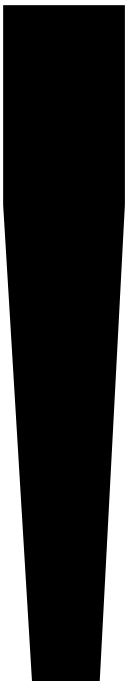
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Course Schedule

Note: This is static schedule. To check out the running schedule, please consult the weekly modules on **Canvas**.

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