

0510-7409: Topics in Information Security

Instructor: Prof. Avishai Wool

Goal

The seminar has several purposes. First, the students will learn something about state-of-the-art research in computer and network security, thus gaining perspective on the particular area covered. It is also the purpose of the seminar to get students to know how to read, present, criticize -- and hopefully write -- research papers.

Course structure

There will be 13 meetings altogether. In the first meeting, the instructor will describe the various topics, and the students will be assigned to topics and dates. During each meeting (except the first), two research papers will be presented.

Registration is limited to **2*(#lectures - 1)** students (24 in 2025).

Preparation of the presentations: each presentation will be in the form of a powerpoint presentation. Please make sure you limit the presentation to **20** (twenty) slides, to allow time for questions and discussion. You must send your powrepoint slides to the instructor at least **24 hours** before class so they can be placed on the web page.

There is **mandatory attendance**. You need to attend **80%** of the lectures for a full grade.

Homework: In addition to your own presentation,

1. you will prepare **homework** questions for the whole class based on the paper you presented
2. you will **grade** the answers of your classmates.

You must submit the homework questions, as a **pdf** file, to the instructor, at least **24 hours** before class so they can be placed on the web page.

Make sure your **email address** appears inside the homework document so your colleagues can contact you!

Answers to the homework questions are due at the next lecture (one week after they are given). The student who wrote the questions shall grade them, and submit the grades to the instructor one week later. If you get questions set by 2 students on separate papers - submit your homework on 2 separate sheets so it can be graded in parallel.

You need to hand in **67%** of the possible homework assignments for a full grade on homework (**16** assignments, assuming all 24 lecture slots are filled).

Grading:

- 65% - clarity of your slides, quality of oral presentation, ability to answer questions
- 35% - average grade in homework set by classmates