

# Logistics

ENEE 457

**Computer Systems Security**

Fall 2020

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# People

- Me: Dana Dachman-Soled  
([danadach@umd.edu](mailto:danadach@umd.edu))
- TA: Aria Shahverdi  
([ariash@umd.edu](mailto:ariash@umd.edu))

# Structure

- Pre-recorded lectures posted on Canvas
- Discussion sessions on Zoom at our class time
  - May include an approx 30-minute class exercise that we complete together
  - Remaining time is open for questions
- Virtual instructor office hours by appointment only
  - ~45 minutes twice a week for questions during the discussion session
- Virtual TA Office hours
  - Thursday from 11am-noon
- Expected to spend ~1hr 15 minutes on lectures/class-exercises per week.

# Resources

- Make sure to regularly check the class **website**:
  - [http://www.ece.umd.edu/~danadach/Security\\_Fall\\_20/](http://www.ece.umd.edu/~danadach/Security_Fall_20/)
  - Announcements, assignments, lecture notes, readings
- We will be using the **Canvas** page for the class
  - Recorded lectures, tutorials and discussion sessions
  - Announcements, grades, Project/HW submission, solutions
  - Posted exams and submission
- Exams
  - Midterm exam will be held during a discussion session
  - Final exam will be held at regularly scheduled time
  - Download exam from Canvas
  - Extra 30 minutes to submit responses
  - Instructor will be available for questions on Zoom
- We will also use **Piazza**
  - Discussion on class material, questions
  - You should have received an email invite

# Reading

- No required textbook
- Recommended: textbooks, outside resources
  - Listed on website and syllabus
  - Share your recommendations on Piazza

# Prerequisite knowledge

- Reasonably proficient in **C and Unix**
  - Refresher on C pointers/memory allocation in Lecture 1
  - Experience in programming an end-to-end application
- Creative and resourceful
- No prior knowledge in networking, crypto

# Grading

- Projects: 35%
  - Projects: 7%, 7%, 7%, 7%, 7%
- Homeworks: 6%
  - Will have either 2 or 3, if 3 then lowest grade dropped
- In-Class Labs 9%
  - Will have either 3 or 4, if 4 then lowest grade dropped
  - Tutorials will replace the pre-recorded lectures
  - Expect to take about 1 hour 15 min to complete
- Midterm: 25%
  - Tentative date: Wednesday October 21
- Final: 25%
  - Friday, December 18, 8-10am

# Ethics and legality

- You will learn about, implement attacks
- ***Do not use them without explicit written consent from everyone involved!***
  - Make sure you know who is involved
- If you want to try something, tell me and I will try to help set up a test environment
- Don't violate: Ethics, UMD policies, state and national laws



# Read the syllabus

- In general, no late projects/homework accepted.
  - The instructor may allow late homework submission under extenuating circumstances.
  - In this case documentation such as a doctor's note will be requested.
- Excused absences for exams
- Contesting project/exam grade
- Academic integrity
- Extra Credit opportunities

# Action Items

- If you registered late, you may not have gotten an invite to Piazza
  - Please email me to let me know
- Check out the course webpage
  - [https://user.eng.umd.edu/~danadach/Security\\_Fall\\_20/](https://user.eng.umd.edu/~danadach/Security_Fall_20/)
- Make sure you can find recorded lectures and tutorials on Canvas
  - View Lecture 1 by the discussion session on Wednesday 9/2
- Project 1 is already posted on the course webpage
  - We haven't yet covered the background needed to complete it (Lecture 2)
  - You can get started by installing Virtual Box and setting up the Virtual Machine