CSE3300/5299: Computer Networks and Data Communication

Fall 2025

August 25, 2025

- **Textbook**
  Computer Networking: A Top-Down Approach, 8th ed.

- **Objectives**
  In this course, we will study the fundamental principles in the design and implementation of computer communication networks, their protocols and applications. Topics to be covered include layered network architectures, network applications, transport services, data link protocols, local area networks, network routing, and basis of network security. Examples will be drawn primarily from the Internet TCP/IP protocol suite. Through homework assignments, quizzes, and course projects, the students will learn how the Internet works and how to design Internet applications.
  Upon successful completion of the course, you will have a good understanding of the layered network architecture, the fundamental design issues in each layer, and the solution approaches towards addressing these issues. Also, you will get well prepared for investigating advanced topics in the networking field for future study.

- **Meeting**
  This course is held **in person**, with class meetings at MCHU 305 from 11:15 am to 12:05 pm on Mondays, Wednesdays, and Fridays. Course information (lectures slides, assignments, announcements) will be posted on HuskyCT. We use Piazza for discussion. Please sign up in Piazza using the following link https://piazza.com/uconn/fall2025/cse3300002.
  Attendance. Attending class is the best way to improve your academic performance.

  Office hours:
  Minmei Wang (Instructor, *minmei DOT wang AT uconn DOT edu*): Monday 12:30 pm – 1:30 pm in ITE 257 (starting from week 2).
  TAs:
  - ❑ Jie Kong
    - ❖ jie.kong@uconn.edu
    - ❖ Tuesdays: 3pm- 4pm, ITE 214
  - ❑ Angela Bojarski
    - ❖ angela.bojarski@uconn.edu
    - ❖ Wednesdays: 3:30 pm – 4:30 pm, ITE 214
  - ❑ Md Mahbub Hasan
    - ❖ mahbub@uconn.edu
    - ❖ Thursdays: 2pm – 3pm, ITE 214
  - ❑ Veeksha Gangaraju

- veeksha.gangaraju@uconn.edu
- Fridays 12:30 pm – 1:30 pm, ITE 214

- **Grading**

  There will be six homework assignments, three projects, one in-class midterm exam, and one final exam, random in-class quizzes for extra 3 credits

  - Homework: 20%
  - Three individual projects: 25%
    - 10% for project 1 and project 2
    - 5% for project 3
  - Quizzes: extra 3%
  - Midterm Exam: 25%
  - Final Exam: 30%

  If you have any questions regarding the grading of your homework, projects, or exams, you MUST come to see either the instructor or the TA WITHIN ONE WEEK after the date your homework, projects, or exams have been returned to you.

  There is no makeup exam for the final exam.

- **For CSE5299 students**

  CSE5299 students have extra homework and project assignments, and answer extra questions in midterm and final exams.

- **Late policy**

  Each student will have a total of **six** late (calendar) days in total, which may be applied to homework and projects (if applicable). An assignment submitted late by any amount of time up to 24 hours will count as **one full late day**. Once all six late days are used, no further late submissions will be accepted under any circumstances. Students are strongly encouraged to reserve their late days for unavoidable situations such as illness, family emergencies, or planned travel. **If you use the late-days policy for a submission, you must clearly indicate this at the top of your homework/project files. Late submissions without this notification will not be accepted.**

  If you are unable to attend the midterm exam due to illness or similar reasons, please visit a physician and obtain documentation specifying the period during which you were medically unable to take the exam. You are required to notify the instructor by email **prior to the exam** if possible (unless medically impossible). Upon your return to class, contact your instructor immediately.

  Students are responsible for checking the information on the web page. At least once every week.

  Do not forget to submit assignments (e.g., homework, projects).

- **Academic Integrity**
  This course expects all enrolled students to act in accordance with the guidelines for Academic Integrity at the University of Connecticut (see link). Violations of this policy will be considered violations of the academic integrity policy and will be reported to the Academic Integrity Hearing Board. Consequences may include (but are not limited to) failure of the class. Example violations include jointly writing solutions, copying, or plagiarizing solutions from other sources and cheating on the exam (midterm and final).

- **Use of Generative AI tools**
  Students are allowed to use generative AI tools, such as ChatGPT for homework and projects. But directly copying AI-generated is not allowed. Students should first understand the material and then prepare the solutions in their own words and/or own codes. If any generative AI tool is used, this must be clearly acknowledged in the submission.

- **Student with Disabilities**
  The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is acceptable. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. Students who require accommodations should contact the Center for Students with Disabilities (CSD), Wilbur Cross Building Room 204, (860) 486-2020, or http://csd.uconn.edu/ . The CSD office hours are 8:00am – 5:00pm.