

CSE 3300/5299

Computer Networks and Data Communication

# Syllabus - Fall 2023

## Course and Instructor Information

**Course Title:** CSE 3300/5299 (Computer Networks and Data Communication)

**Credits:** 3

**Prerequisites:**  CSE 3100

**Meeting time:** TuTh 3:30pm - 4:45pm

**Classroom:** ROWE 122

**Official Announcements and Grades:** We use the HuskyCT system available at learn.uconn.edu.

**Class discussion and participation:** in class, assisted using iClicker.

**Instructor:** Bing Wang, Professor

**Email:** bing@uconn.edu

**Office**: [ITE](http://maps.uconn.edu/m/info/ITE) 367

**Office Hours:** 2-3pm Thursday in ITEB 367

**TA:**

Harsh Patel [harsh.n.patel@uconn.edu](mailto:harsh.n.patel@uconn.edu)

James Miele james.miele@uconn.edu

Jie Kong jie.kong@uconn.edu

**TA Office Hours (in ITEB 114)**:

Jie: 2-3pm Tuesday

James: 10:30-11:30am Wednesday

Harsh: 9-10am Friday

## Course Materials

|  |
| --- |
| **Required Text:**  [Computer Networking: A Top-Down Approach, 8th Edition](https://www.pearson.com/store/p/computer-networking/P100002980218/9780136681557)  by James Kurose, Keith Ross  ISBN-13: ‎ 9780136681557.  Bookstore’s least expensive option: a rentable ebook for less than $50. |

## Course Description

Introduction to computer networks and data communications. Network types, components and topology, protocol architecture, routing algorithms, and performance. Case studies including LAN and other architectures.

## Course Workload

**Homework and programming assignments:**

There will be 7-8 written homework, and 2-3 programming assignments.

## Course Requirements and Grading

**Summary of Course Grading:**

|  |  |
| --- | --- |
| Course Components | Weight |
| Written Homework | 30% |
| Programming Assignment | 20% |
| Midterm Exam | 20% |
| Final Exam | 30% |

**Note: Random quizzes will be given in class and will add up to 3 extra points.**

**Grading Scale:**

|  |  |  |
| --- | --- | --- |
| Grade | Letter Grade | GPA |
| 93-100 | A | 4.0 |
| 90-92 | A- | 3.7 |
| 87-89 | B+ | 3.3 |
| 83-86 | B | 3.0 |
| 80-82 | B- | 2.7 |
| 77-79 | C+ | 2.3 |
| 73-76 | C | 2.0 |
| 70-72 | C- | 1.7 |
| 67-69 | D+ | 1.3 |
| 63-66 | D | 1.0 |
| 60-62 | D- | 0.7 |
| <60 | F | 0.0 |

**Due Dates and Late Policy**

All course due dates are identified in the (choose appropriate location). Deadlines are based on Eastern Standard Time; if you are in a different time zone, please adjust your submittal times accordingly. *The instructor reserves the right to change dates accordingly as the semester progresses. All changes will be communicated in an appropriate manner.*

**No late homework or programing assignments accepted unless there are justifiable reasons.**

**Feedback and Grades**

All your grade except for iClicker grade will be posted in HuskyCT. For iClicker grade, please refer to iClicker website.

## Student Responsibilities and Resources

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. Review these important [standards, policies and resources](http://ecampus.uconn.edu/policies.html), which include:

* The Student Code
  + Academic Integrity
  + Resources on Avoiding Cheating and Plagiarism
* Copyrighted Materials
* Netiquette and Communication
* Adding or Dropping a Course
* Academic Calendar
* Policy Against Discrimination, Harassment and Inappropriate Romantic Relationships
* Sexual Assault Reporting Policy

## Students with Disabilities

Students needing special accommodations should work with the University's [Center for Students with Disabilities (CSD)](http://csd.uconn.edu/). You may contact CSD by calling (860) 486-2020 or by emailing csd@uconn.edu. If your request for accommodation is approved, CSD will send an accommodation letter directly to your instructor(s) so that special arrangements can be made. (Note: Student requests for accommodation must be filed each semester.)

Blackboard measures and evaluates accessibility using two sets of standards: the WCAG 2.0 standards issued by the World Wide Web Consortium (W3C) and Section 508 of the Rehabilitation Act issued in the United States federal government.” (Retrieved March 24, 2013 from [Blackboard's website](http://www.blackboard.com/platforms/learn/resources/accessibility.aspx))

## Software Requirements

The technical requirements for this course include:

* Word processing software
* [Adobe Acrobat Reader](http://www.adobe.com/products/acrobat/readstep2.html)
* Reliable Internet access

## Help

[Technical and Academic Help](http://ecampus.uconn.edu/help.html) provides a guide to technical and academic assistance.

This course is facilitated online using the learning management platform, [HuskyCT](http://huskyct.uconn.edu/). If you have difficulty accessing HuskyCT, you have access to the in person/live person support options available during regular business hours through the [Help Center](http://helpcenter.uconn.edu/). You also have [24x7 Course Support](http://www.ecampus24x7.uconn.edu/) including access to live chat, phone, and support documents.

## Minimum Technical Skills

To be successful in this course, you will need the following technical skills:

* Use electronic mail with attachments.
* Save files in commonly used word processing program formats.
* Copy and paste text, graphics or hyperlinks.
* Work within two or more browser windows simultaneously.
* Open and access PDF files.
* Proficient in one programming language.

University students are expected to demonstrate competency in Computer Technology. Explore the [Computer Technology Competencies](http://geoc.uconn.edu/computer-technology-competency/) page for more information.

## Evaluation of the Course

Students will be provided an opportunity to evaluate instruction in this course using the University's standard procedures, which are administered by the[Office of Institutional Research and Effectiveness](http://www.oire.uconn.edu/) (OIRE).

Additional informal formative surveys may also be administered within the course as an optional evaluation tool.