

San José State University
School of Science/Department of Computer Science
CS 258-01 Computer Communication System, Spring Semester, 2025

Course and Contact Information

Instructor:	Navrati Saxena
Office Location:	MH 214 MacQuarrie Hall
Telephone:	(408) (924-5121)
Email:	navrati.saxena@sjsu.edu
Office Hours:	Monday and Wednesday from 10:30AM to 11.30AM (hybrid, Zoom + MH 214) and on Tuesday from 9 to 11 AM (online only, for MSCS related issues only). If the office hours do not suit you, please email me and I will be happy to set up a zoom meeting with you.
Class Days/Time:	Monday/Wednesday; 9 AM ~ 10:15 AM
Classroom:	Duncan Hall 450
Prerequisites:	CS158A or instructor's consent.
Scholar Support Hours/Office Hours Zoom Link	https://sjsu.zoom.us/j/85434957977?pwd=djVZT1hsdjBnWXRuY2JySTJqRlhHdz09 Password: 564924

Course Description

Design, analysis, and survey of the advancements in network and Internet technologies, such as supporting TCP/IP over various network media, optical networks, software-defined networks, networks supporting cloud computing, peer-to-peer networking, and quality of services.

Course Format

Technology Intensive Course

1. For the quizzes, exams, projects etc. each student is required to have an internet-connected device (e.g. smartphone, tablet, laptop computer) to be used exclusively for learning-related

Required Texts/Readings

Textbook: No fixed textbooks. Study materials compiled using different sources will be provided on the Canvas site.

Suggested Reading:

1. Mukherjee, Biswanath; Optical WDM Networks, 3rd Edition. ISBN 978-0-387-29188-8. Springer Publications, 2006.
2. Stallings, William; Foundations of Modern Networking: SDN, NFV, QoE, IoT, and Cloud, 1st edition, ISBN-13: 9780134175393, 2015.

Library Liaison

Megwalu, Anamika

Phone: 408-808-2089

Email: anamika.megwalu@sjsu.edu

Important

Course materials such as syllabus, handouts, notes, assignment instructions, announcements etc. can be found here on the Canvas Learning Management System course login website.

All communications relevant to the course will be sent out using the Canvas messaging system (Canvas email and announcement board).

Students are responsible for regularly checking with the messaging system through Canvas to learn of any updates.

For help with using Canvas see Canvas Student Resources page (http://www.sjsu.edu/ecampus/teaching-tools/canvas/student_resources (Links to an external site.)) or reach out to Technical Support for Canvas: Email: ecampus@sjsu.edu; Phone: (408) 924-2337; <https://www.sjsu.edu/ecampus/support/> (Links to an external site.)

Course Requirements and Assignments

1. Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course-related activities.
2. This course requires students to go through the lecture materials in detail.
3. Students are expected to develop their skills and do similar problems and analyses on their own.
4. Attainment of the learning objectives (as listed above) will be assessed via in-class activities quizzes, projects, and final presentations.
5. Weights of these above-mentioned assessment activities are given below. Their tentative schedule could be found in the week-wise schedule of the course.

Assessment Type	Weightage
-----------------	-----------

Pre-requisite Assignment	N/A
Quizzes 1 ~ 3 (@ 20% each)	60%
Coding Assignment/Project	20%
End Term Presentation	20%

Grading Information

Determination of Grades

As mentioned in the **Course Requirements and Assignments**, this course will contain quizzes, Coding Assignment/Project, and Final Term. The individual weights of these are mentioned above under Course Requirements and Assignments.

mentioned above. The benchmarks of the grades are mentioned in the table below.

<i>Grade</i>	<i>Percentage</i>
<i>A plus</i>	<i>95% to 100%</i>
<i>A</i>	<i>90% to 94%</i>
<i>B plus</i>	<i>85% to 89 %</i>
<i>B</i>	<i>80% to 84%</i>
<i>C plus</i>	<i>75% to 79%</i>
<i>C</i>	<i>70% to 74%</i>
<i>D plus</i>	<i>65% to 69%</i>
<i>D</i>	<i>60% to 64%</i>
<i>F</i>	<i>< 60%</i>

Regrades

If you believe an error was made in the grading of your quiz or exam, you may request a regrade from me, Professor Saxena, either during my zoom office hours or by sending me an email. A request for a regrade must be made no more than a week after the quiz or exam is returned.

Classroom Protocol

Students are not

Students are expected to be set up for lecture by the time the class begins for sessions. Attendance in class is not mandatory and shall not be used per se as a criterion for grading. However, class attendance and participation are highly recommended.

Behavior

Students should remain respectful of each other at all times. Interruptive or disruptive attitudes are discouraged. During the sessions, the use of electronic devices (laptops, tablets, and smartphones) should be limited to activities closely related to the learning objectives. All cell phones must be silenced prior to entering the sessions.

Students are expected to respect a diversity of opinions, ethnicities, cultures, and religious backgrounds.

Safety

Students should familiarize themselves with all emergency exits and evacuation plans.

Communication with the instructor

Students are encouraged to approach the instructor, Prof. Navrati Saxena, in case of any doubts or issues. The best way to approach her is to meet her during her office hours or to mail her and request for a zoom meeting. She usually responds within 2 working days. In the subject of the mail, do gagagagagagagagaggf0.00000912 0 612 792 reW*nBT/F2 12 Tf1 0 0 1 72 424.96 Tm1g0.1720912 0

Student Accessibility Services, please communicate your approved accommodations to me at your earliest convenience so we can discuss your needs in this course.

<https://www.sjsu.edu/registrar/calendar/spring-2025.php>

<https://www.sjsu.edu/classes/final-exam-schedule/spring->

[2025.php](#)