Catalyst is our Syllabus

https://catalyst.deanza.edu

Data Communications and Networking

Instructor: Spera Georgiou

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Class meetings: ONLINE at catalyst.deanza.edu
Office Hours: M – TH 11:00 – 11:30 in classroom-labs & T/TH, 1:20 – 2:00PM online

SLOs
1 Describe the various components, protocols, architectures, and applications of current communication and networking technologies, which are used in LANs, WANs, and the Internet

2 Define the basic properties of the TCP/IP, local area, wide area, and fiber optic networks.

Course Description **Objectives**

- Identify protocols and standards in the Internet

- Describe TCP/IP protocol suite

- Understand Internet addressing

- Define subnetting and supernetting

- Explore routing and delivery of packets

- View error reporting and query mechanism in the Internet

- Learn about broadcasting mechanism in the Internet

- Describe routing protocols in the Internet

Text required: Data Communication and Networking: A Practical Approach, 1st Edition By Massoud Moussavi ISBN-10: 1-111-12504-X   ISBN-13: 978-1-111-12504-2

Attendance policy: This 4 Units course consists of 48 lecture hours in the quarter. You should plan on spending approximately another 10 hours per week doing homework problems, solving additional problems from the book assignments, and understanding the theory.

If you wish to drop the class, it is your responsibility to do so. An unauthorized withdrawal from class without following official procedures will result in your being assigned a grade of "F" (or "NC" if you have selected the Credit /No Credit option).

Scholarly conduct: Extra credit assignments may occasionally be given throughout the course. You are expected to do your own work. In programming classes, students often confer with one another on approaches to solving the problem: however, your solutions to lab problems must represent your own individual work. Any copied solutions will result in a zero grade for both parties. Copying or cheating during a test will result in a zero being assigned for that test grade.

Homework Exercises: 4 Homework assignments will need to be uploaded into Catalyst. The purpose of the homework is to help clarify the material for you as we proceed and to prepare you for the quizzes, and final exam, therefore, you are strongly encouraged to do these.

Tests: There will be <u>ten quizzes</u> (15 min.)a <u>midterm</u> and <u>a comprehensive final</u>. The quizzes will occur weekly on Catalyst. The final will be also on Catalyst.

Grading: 400 points are available. Your grade is based on the percentage you earn; however, if you fail the final exam, your final grade will be lowered by one letter grade.

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Quizzes               : 5 at 20pts(lowest dropped) 100 pts
Homework assignments: 5 at 20 pts                   100 pts
Midterm exam          : 1 at 100 pts                100 pts
Final exam            : 1 at 200 pts                200 pts
                                                   _____
      Total                                         500 pts
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GRADES

		B+ = 87-89%	**C+** = 77-79%	**D+** = 67-69%	**F** = 0-59%
A	= 93-100%	**B** = 83-86%	**C** = 70-76%	**D** = 63-66%	
A-	= 90 – 92%	**B-** = 80-82%		**D-** = 60-62%	

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Important – Catalyst dates are the ones that will be followed
This is just a rough schedule to give you an idea of the pace of the course
CATALYST is the syllabus.

		Monday	Tuesday	Wednesday	Thursday
Week1 and 2	**Reading list in Catalyst**		**Quiz 1** *(chapter 1)*	**Due: HW 1**	
Week 3 and 4	**Reading list in Catalyst**		**Quiz 2** *(ch. 2 and ch. 3)* **Quiz 3** *(chapter 4)*	**Due: HW 2**	
Week 5 and 6	**Reading list in Catalyst**		**MIDTERM ONLINE** *(ch. 5)*		
Week 7 and 8	**Reading list in Catalyst**		**Quiz 4** *(ch. 7)*	**Due: HW 3**	
Week 9 and 10	**Reading list in Catalyst**		**Quiz 5** *(ch. 9)* **Quiz 6** *(ch. 10,11)*	**Due: HW 4** **HW 5**	
Week 11 and FINALs	**Check the college calendar**		**FINAL ONLINE (Ch. 1-12)**		

Please check assignments in detail on Catalyst. Turn in all work only on Catalyst.
Catalyst is used for both regular classroom as well as ONLINE and Hybrid courses.