

DE ANZA COLLEGE

CIS-75A-63Z - TCP/IP  
Syllabus

**Instructor:** Spera Georgiou

***CATALYST is the Actual Syllabus. Please, only use Catalyst as a guide. This syllabus is just a rough-estimate, the actual syllabus is the live Catalyst shell dedicated to our course. Only Catalyst is to be used after the first day of the quarter. Catalyst only will contain exact assignments and due for everything.***

**Phone** : (408) 864-8803  
**Email** : georgiouspera@fhda.edu  
**WEB** : <http://puma.atc.fhda.edu/distribute/Georgiou/CIS75A>

**Class meetings:** ONLINE at [catalyst.deanza.edu](http://catalyst.deanza.edu)

**Office Hrs** Tu and Th 10- 11:30AM in AT205 , W 11 – 11:30AM, in AT311

## 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:** Guide to TCP/IP, 4th Edition By Jeffrey L. Carrell, Laura Chappell, Ed Tittel, James Pyles ISBN-10: 1-133-01986-2 ISBN-13: 978-1-133-01986-2

**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. Worthwhile contribution and regular attendance can positively affect the grades. You are

**CIS-75A-63Z - TCP/IP  
Syllabus**

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:** 10 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 ten quizzes (15 min.) a midterm and a comprehensive final. 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.

Quizzes	: 10 at 10	100 pts
Homework assignments	: 10 at 10	100 pts
Midterm exam	: 1 at 100	100 pts
Final exam	: 1 at 200 pts	200 pts
Total		500 pts

## GRADES

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

**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
Week 1 and 2	Reading list in Catalyst		Quiz 1 (chapter 1)	<u>Due:</u> HW 1,2	
Week 3 and 4	Reading list in Catalyst		Quiz 2 (ch. 2 and ch. 3)  Quiz 3 (chapter 4)	<u>Due:</u> HW 3,4	
Week 5 and 6	Reading list in Catalyst		Quiz 4 (ch. 5)  Quiz 5 (chapter 6)	<u>Due:</u> HW 5,6	
Week 7 and 8	Reading list in Catalyst		Quiz 6 (ch. 7)  Quiz 7 (ch. 8)	<u>Due:</u> HW 7,8	
Week 9 and 10	Reading list in Catalyst		Quiz 8 (ch. 9)  Quiz 9 (ch. 10,11)	<u>Due:</u> HW 9,10	
Week 11 and FINALS	Check the college calendar	Final	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.**