

DE ANZA COLLEGE  
Operating Systems Concepts

COURSE# : CIS D31.63Z SESSION: Winter, 2015  
INSTRUCTOR: Art Linn (linnjrarthur@fhda.edu) ROOM# : MLC260 (1 Day)  
CATALYST : ON-LINE DAYS : Tuesday/Thursday  
ON-LINE TIMES : 6:00- 7:30 PM

COURSE OBJECTIVE: Introduce the concepts of an operating system, and its major components and functions.

COURSE GOALS :

1. To develop an overview knowledge of what an operating system is and how it functions.
2. To develop an understanding of the various operating systems being used today.
3. To demonstrate how an operating system performs its various functions on a contemporary O/S.

EVALUATION: Strict percentage of total points earned.

Points->Grade:	The following determines points:		
A = 360 - 400+	3 Tests (45 points each)	135	Note 1
B = 320 - 359	1 Final Exam	44	Note 2
C = 280 - 319	1 Special Team Project:		
D = 240 - 279	Written Document	35	
F = 0 - 239	12 of 14 Home-works (8 points each)	96	Note 3
	4 Topics for Discussion (10 pts ea)	40	Note 5
	10 cccConfer Lecture (5 pts each)	50	Note 6
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		400	Note 4

NOTES:

- (1) Each Test will contain one optional problem worth up to 5 extra credit points. Final Exam must be completed at De Anza! Test 1, 2, and 3 must be completed on-line. No make-ups! Dates and times are on the schedule.
- (2) Most of the Final Exam questions are generated and shared by class. Final exam will be on campus, Wednesday, 3/25/2015 6:00pm - 10:00pm Room MLC260. **You must attend this class to take the Final Exam.**
- (3) Home-works are worth 8 points each. Home-works are due the Sunday of that WEEK! No make-up allowed!!! Last 2 are optional. Only 12 of the 14 home-works are required. These are done all on-line. Therefore, you may earn +16 points if you do the 2 additional ones.
- (4) Last day to turn in any on-line work is **Sunday, 3/22/2015.**
- (5) Must start at least 2 "Topics For Discussion" and must reply to 2 other Students "Topics For Discussion".
- (6) Must participate or review the cccConfer lectures archive to answer the question for each weeks lecture. (Due Sunday each week)

ATTENDANCE: Your attendance is expected at both in-class sessions. If you do miss one of these, you will not be able to make up the test. YOU are responsible for dropping yourself. I will not drop you!

CHEATING: Anyone found cheating on tests or duplicating home-works will be automatically expelled from this class.

TEXTS:

REQUIRED: Operating Systems Concepts, Silberschatz, Galvin, Gagne  
Wiley 9<sup>th</sup> Edition PDF Ok

o eText: ISBN-10 1-118-55959-2, ISBN-13 978-1-118-55959-8
Print: ISBN-10 1-118-06333-3, ISBN-13 978-1-118-06333-0
Author(s): Silberschatz, Abraham; Galvin, Peter B. ; Gagne, Greg

DE ANZA COLLEGE  
Operating Systems Concepts

OPTIONAL: Operating Systems Internals and Design Principles  
By William Stallings Pearson 7<sup>th</sup> Edition

Operating Systems  
Winter 2015 Schedule

WEEK	DATES	MAJOR TOPIC	SPECIFIC ACTIVITY/ CHAPTER COVERED	HOMEWORK PROBLEMS	NOTES
1	1/6	Intro	Read All on Catalyst		
1	1/8	Overview	Chapter 1	3, 8, 13, 22	
2	1/13		Chapter 2	2, 5, 12, 23	
2	1/15	Processes	Chapter 3	1, 6, 9, 11	
3	1/20	Mgmt	Chapter 4	2, 4, 10, 12	
<b>3</b>	<b>1/22</b>		<b>Test #1 (1-2)</b>	<b>ON-LINE</b>	<b>*</b>
4	1/27		Chapter 5	1, 3, 4, 18	
4	1/29		Chapter 6	1, 6, 11, 26	
5	2/03		Chapter 7	2, 6, 10, 15	
<b>5</b>	<b>2/05</b>		<b>Test #2 (3-7)</b>	<b>ON-LINE</b>	
6	2/10	Storage	Chapter 8	1, 4, 9, 22	1
6	2/12	Mgmt	Chapter 9	1, 4, 8, 33	
7	2/17		Chapter 10	3, 5, 11, 15	
7	2/19		Chapter 11	1, 3, 11, 20	
8	2/24		Chapter 12	1, 3, 16, 24	2
8	2/26	Protection	Chapter 14	1, 5, 12, 16	
9	3/03		Review for Test 3		
<b>9</b>	<b>3/05</b>		<b>Test #3 (8-12)</b>	<b>ON-LINE</b>	
10	3/10	Security	Chapter 15	2, 4, 9, 14	
10	3/12		Submit Final Exam Questions		3
11	3/17		Work on Project		
11	3/19		Work on Project		
11	3/22		Submit Final Projects		4
11	3/22		Last day to submit any online work!		5
<b>12</b>	<b>3/25</b>	<b>Final</b>	<b>Final Exam</b>	<b>AT CAMPUS MLC260*</b>	<b>6</b>

NOTES:

\*)

**IN-CLASS DAYS:**

**3/25/15 6:00 till 10:00pm ROOM: MLC260**

**All homeworks are due Sunday on-line that week!!**

**Note: ON Catalyst Homeworks are Quizzes.**

- 1) 2/10 Instructor choose project group members
- 2) 2/24 Instructor assigns chapter to students for Final Questions
- 3) 3/12 Submit your Final Questions
- 4) 3/22 Turn in projects.
- 5) 3/22 Last day to do any work on-line
- 6) 3/25 Final Exam.

All other key De Anza dates can be found via Link on Catalyst.

## RECURRING TEACH & CONFER STUDENT INVITATION

### Meeting Details

Status: Active

Title: RECURRING Art Linn - CIS31

College: De Anza College

SubTitle: Winter-2015

Closed Caption: No

### Date Start time End time Duration Subtitle Closed Caption

1/6/2015	6:00 PM	7:30 PM	90	Winter-2015	No
1/8/2015	6:00 PM	7:30 PM	90	Winter-2015	No
1/13/2015	6:00 PM	7:30 PM	90	Winter-2015	No
1/15/2015	6:00 PM	7:30 PM	90	Winter-2015	No
1/20/2015	6:00 PM	7:30 PM	90	Winter-2015	No
1/22/2015	6:00 PM	7:30 PM	90	Winter-2015	No
1/27/2015	6:00 PM	7:30 PM	90	Winter-2015	No
1/29/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/3/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/5/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/10/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/12/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/17/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/19/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/24/2015	6:00 PM	7:30 PM	90	Winter-2015	No
2/26/2015	6:00 PM	7:30 PM	90	Winter-2015	No
3/3/2015	6:00 PM	7:30 PM	90	Winter-2015	No
3/5/2015	6:00 PM	7:30 PM	90	Winter-2015	No
3/10/2015	6:00 PM	7:30 PM	90	Winter-2015	No
3/12/2015	6:00 PM	7:30 PM	90	Winter-2015	No
3/17/2015	6:00 PM	7:30 PM	90	Winter-2015	No
3/19/2015	6:00 PM	7:30 PM	90	Winter-2015	No

Is Your Computer Ready?

How to Connect with Your Mobile Device

### Student Details

Telephone conference line: 1-913-312-3202\*

Participant passcode: 617960

\*Toll free number: 1-888-886-3951

Go to [www.cccconfer.org](http://www.cccconfer.org)

Click Teach & Confer Student Log In

Locate your meeting and click Go

Passcode: 617960

Telephone Conference Feature

\*6 - Mute/unmute your individual line

FOR ASSISTANCE

CCC Confer Client Services - Monday - Friday between 8:00 am - 4:00 pm

Phone: 1-760-744-1150 ext 1537 or 1554

Email: [clientservices@cccconfer.org](mailto:clientservices@cccconfer.org)