Course and Contact Information

Instructor:	Dr. Kong Li
Office Location:	Online (Zoom URL in Canvas → Syllabus)
Email:	kong.li@sjsu.edu (Email subject starts with CS149)
Office Hours:	Mon 1:30PM – 2:30PM or by appointment
Class Days/Time:	Mon and Wed 3:00PM – 4:15PM (8/19/2022 - 12/6/2022)
Classroom:	Duncan Hall 250
Prerequisites:	CS 47 or CMPE 102 (with a grade of "C-" or better), and CS 146 (with a grade of "C-" or better). Computer Science, Applied and Computational Math, Forensic Science: Digital Evidence, or Software Engineering Majors only; or Instructor Consent. Students who do not provide documentation of having satisfied the class prerequisite requirements by the second class meeting will be dropped from the class. Proficiency in C and Linux.

Course Description

Fundamentals: Contiguous and non-contiguous memory management; processor scheduling and interrupts; concurrent, mutually exclusive, synchronized and deadlocked processes; parallel computing; files. Substantial programming project required.

Catalog Course Description is available at
https://catalog.sjsu.edu/preview_course_nopop.php?catoid=13&coid=116275

Format

Course lectures are in-person. Office Hours are always online. Exams are online but is held in-person (in classroom). We ž ?س & ¬ Ï Ŧ ˘ ḥ œ

A	90-94.99
A-	85-89.99
B+	80-84.99
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Late Penalty

Based on the clock of Canvas, assignments submitted after the deadline earn no credit. However, many

The schedule is tentative and subject to change with fair notice. The final exam date is firm and cannot be changed. Any changes will be announced in due time in class and on the course's web site. The students are obliged to consult the most updated and detailed version of the reading material and syllabus, which will be posted on the course's web site.

Course Schedule

Week	Date	Topics	Textbook	HW
1	8/22	Course Logistics & Linux VM Environment		
1	8/24	Introduction	1	8/23 Prerequisite due
2	8/29	OS Structure	2	8/28 Honesty pledge due
2	8/31	OS Structure (cont'd)	2	
3	9/5	(no class – Labor Day)		
3	9/7	Processes	3	

Week	Date	Topics	Textbook	HW
11	11/2	Memory	9	
12	11/7	Memory (cont'd)	9	
12	11/9	Virtual Memory	10	
13	11/14	Virtual Memory (cont'd)	10	
13	11/16	Mass storage	11	11/17 HW5 due
14	11/21	Mass storage (cont'd)	11	
14	11/23	(no class – non-instructional day)		
15	11/28	Virtual Machine	18	
15	11/30	Virtual Machine (cont'd)	18	
16	12/5	HW4, HW5 Discussion		12/5 Last office hours
16	12/7	(no class – last day of instruction 12/6)		
Final Exam	12/8	**FINAL EXAM Thu, Dec 8, 2022, 12:15-2:30 PM (close book, close notes, no calculator). Bring student ID, Computer, and power adaptor.**	5, 6, 7, 8 ~ 11, 18	

http://www.sjsu.edu/up/docs/holiday-calendar.pdf

https://www.sjsu.edu/classes/final-exam-schedule/fall-2022.php

Available rooms on campus for study, taking online courses, or taking exams:

https://library.sjsu.edu/spaces-technology

https://www.sjsu.edu/learnanywhere/campus-resources/study-resources.php