

Course Learning Objectives (CLO)

Course Learning Outcomes (CLO)

Upon successful completion of this course, students will be able to:

- Understand the role that the operating system software plays in the management of the various hardware subsystems of the computer system.
- Understand locality of memory reference and how it is used to perform effective memory hierarchy management.
- Understand the various mapping, replacement, and dynamic allocation algorithms for cache and virtual memory management.
- Understand the alternative CPU scheduling schemes, their tradeoffs, and their applications to other queue processing situations.
- Appreciate the difficult tradeoffs faced when attempting to deal with the resource deadlock problem and distinguish between the different deadlock prevention and avoidance schemes and understand why

because active participation is frequently essential to insure maximum benefit for all members of the class.
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Grading

Homework, Weekly Quiz, discussion and project	25%
Exam-1	25%
Exam-2	25%
Comprehensive Final Exam	25%

The final and exams have fixed dates and can only be taken in the classroom during class time. Makeup exams will only be given in cases of illness (with signed documentation from a medical facility ó original copy). Exams are closed book, closed notes, closed neighbor and comprehensive. The final exam is cumulative.

Course Grading Standards

A+	98 ó 100%
A	93 ó 97%
A-	90 ó 92%
B+	88 ó 89%
B	83 ó 87%
B-	80 ó 82%

Technical difficulties Internet connection issues

Canvas AutoSaves

The current add/drop deadlines can be found on the [Catalog Policies](http://info.sjsu.edu/static/catalog/policies.html) section at <http://info.sjsu.edu/static/catalog/policies.html>. Add/drop deadlines can be found on the current academic year calendars document on the [Academic Calendars webpage](http://www.sjsu.edu/provost/services/academic_calendars/) at http://www.sjsu.edu/provost/services/academic_calendars/. The [Late Drop Policy](http://www.sjsu.edu/aars/policies/latedrops/policy/) is available at <http://www.sjsu.edu/aars/policies/latedrops/policy/>. Students should be aware of the current deadlines and penalties for dropping classes.

Information about the latest changes and news is available at the [Advising Hub](http://www.sjsu.edu/advising/) at <http://www.sjsu.edu/advising/>.

Consent for Recording of Class and Public Sharing of Instructor Material

[University Policy S12-7](http://www.sjsu.edu/senate/docs/S12-7), <http://www.sjsu.edu/senate/docs/S12-7> requires that you record the course and the following items to be included in the syllabus:

- ◁ Your behavior dictate that you notify someone when you are recording him/her. You may use recordings to be used for your private, study purposes only. The recordings are the intellectual property of the instructor; you may not record the course or any part of it for the purpose of recording, or orally and whether for the whole semester or on a class by class basis. In classes where active participation of students or guests may be on the recording, permission of those students or guests should be obtained as well.
- ◁ Content developed by the instructor is the intellectual property of the instructor and cannot be shared publicly without his/her approval. You may not publicly share or upload instructor generated material for this course such as exam questions, lecture notes, or any other material.

Academic integrity

Your commitment, as a student, to learning is evidenced by your enrollment at San Jose State University. The [University Academic Integrity Policy S07-2](http://www.sjsu.edu/senate/docs/S07-2) at <http://www.sjsu.edu/senate/docs/S07-2> requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the office of Student Conduct and Ethical Development. The [Student Conduct and Ethical Development website](http://www.sjsu.edu/studentconduct/) is available at <http://www.sjsu.edu/studentconduct/>.

Campus Policy in Compliance with the American Disabilities Act

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. [Presidential Directive 97-03](http://www.sjsu.edu/president/docs/directives/PD_1997-03) at http://www.sjsu.edu/president/docs/directives/PD_1997-03 requires that students with disabilities requesting accommodations must register with the [Accessible Education Center](http://www.sjsu.edu/aec) (AEC) at <http://www.sjsu.edu/aec> to establish a record of their disability.

