

**San José State University**  
**Computer Science Department**  
**CS159, Advanced Parallel Processing, Section 1, Spring 2021**

*→Special Procedures and Protocols for Remote-learning during COVID will be discussed on first day of class.*

**Course and Contact Information**

<b>Instructor:</b>	Robert Chun
<b>Office Location:</b>	MH 413 (On-Line)
<b>Telephone:</b>	(408) 924-5137

## **Course Learning Outcomes (CLO)**

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

- Understand the Technical and Business motivation and need for current state-of-the-art computing systems to incorporate Parallel Processing into the Hardware and Software Subsystems.
- Explain the Micro-Hardware Architectural Evolutionary Trends leading to on-

## **Course Requirements and Assignments**

Assignments include two midterms, one final exam, a written and oral report, a set of projects (consisting of a combination of written problems and programming assignments), and active participation during student presentations, weighted as shown below. Grading is based on a class curve. All assignments (especially the oral presentation) must be completed by the student on the due date specified to receive credit for the class. Late assignments (including the scheduled oral presentations) or exams are not accepted. All students must uphold academic honesty, especially for the required term paper, per university policy detailed at <http://www.sjsu.edu/specialed/docs/current-forms/AcademicIntegrityPolicy.pdf>

## **Classroom Protocol**

Students are expected to attend all classes (On-Line), including all student presentations (On-Line).

## **University Policies**

Per University Policy S16-9, university-

# General University Policies

## DISABILITIES:

If you need course adaptations or accommodations because of a disability, or if you need special arrangements in case the building must be evacuated, please inform the instructor as soon as possible. Presidential Directive 97 -03 requires that students with disabilities register with DRC to establish a record of their disability.

## ACADEMIC INTEGRITY:

Academic integrity is essential to the mission of San José State University. As such, students are expected to perform their own work (except when collaboration is expressly permitted by the course instructor) without the use of any outside resources. Students are not permitted to use old tests or quizzes when preparing for exams, nor may they consult with students who have already taken the exam. When practiced, academic integrity ensures that all students are fairly graded.

We all share the obligation to maintain an environment which practices academic integrity. Violations to the Academic Integrity Policy undermine the educational process and will not be tolerated. It also demonstrates a lack of respect for oneself, fellow students and the course instructor, and can ruin the university's reputation and the value of the degrees it offers. Violators of the Academic Integrity Policy will be subject to failing this course and being reported to the Office of Judicial Affairs for disciplinary action which could result in suspension or expulsion from San José State University.

## CHEATING:

At SJSU, cheating is the act of obtaining or attempting to obtain credit for academic work through the use of any dishonest, deceptive, or fraudulent means. Cheating at SJSU includes but is not limited to:

Copying in part or in whole, from another's test or other evaluation instrument; Submitting work previously graded in another course unless this has been approved by the course instructor or by departmental policy. Submitting work simultaneously presented in two courses, unless this has been approved by both course instructors or by departmental policy. Altering or interfering with grading or grading instructions; Sitting for an examination by a surrogate, or as a surrogate; any other act committed by a student in the course of his or her academic work which defrauds or misrepresents, including aiding or abetting in any of the actions defined above.

## PLAGIARISM:

At SJSU plagiarism is the act of representing the work of another as one's own (without giving appropriate credit) regardless of how that work was obtained, and submitting it to fulfill academic requirements. Plagiarism at SJSU includes but is not limited to:

The act of incorporating the ideas, words, sentences, paragraphs, or parts thereof, or the specific substances of another's work, without giving appropriate credit, and representing the product as one's own work; and representing another's artistic/scholarly works such as musical compositions, computer programs, photographs, painting, drawing, sculptures, or similar works as one's own.

## Additional Information:

<http://www.cs.sjsu.edu/greensheetinfo/index.html>