

San José State University
Computer Science Department
Course Syllabus - Summer 2026
CS190-80 (1-unit) and CS190i-80 (3-units) Internship Class

Course and Contact Information

Instructor:	Robert Chun
Office Location:	MH 413
Telephone:	(408) 924-5137
Email:	Robert.Chun@sjsu.edu
Office Hours:	Monday and Wednesday 8:00pm-9:00pm (on-line)
Class Days/Time:	MW 6:00pm – 7:00pm (CS190); 6:00pm – 8:00pm (CS190i)
Classroom:	On-line
Prerequisites:	Internship Position in Industry related to CS/DS/AI/SW/CMPE

Course Description

A peer-learning course for students who have internship positions in industry related to Computer Science, Data Science, Artificial Intelligence, Software Engineering or Computer Engineering. In addition to career and job preparation guidelines, including soft skills development from the instructor, students will share their related experience with each other for peer learning purposes. Weekly interactions related to career development and a term project by the student discussing lessons learned while on their internship will be required.

Course Learning Outcomes (CLO)

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

- Analyze a complex computing or data science problem and to apply principles of computing and data analysis from potentially other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing or data science requirements in the context of the internship program's discipline.
- Communicate effectively in a variety of professional contexts including oral and written.
- Recognize professional responsibilities and make informed judgments in computing and data science practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the internship program's discipline.

Required Texts/Readings

No textbook is required. All course materials, which may include readings, relevant web-pages and/or videos, will be distributed (without charge) to the student throughout the semester.

Course Requirements and Assignments

Short written exercises will be regularly distributed on-line (each of which will be graded, and in sum, will count towards the computation of the overall course grade at the end of the semester). Students will be required to turn in these written exercises at specified due dates in order to obtain credit for that topic. Late assignments will not be accepted, and lack of feedback from the student on a particular assignment will result in a Zero (0) score being recorded for that topic's written exercise.

The primary motivation behind this course is to share and learn about "the real world". Often, these 'lessons' are not purely technical in nature, but fall into the broad category of "soft skills". This course is rather unique in that the focus is not so much on the technical knowledge needed to be successful in your career life, but the intangible soft skills, which can be just as important (or even more so) than technical skills and knowledge. As such, this course will include components and aspects of soft skills acquisition and development through exercises such as:

- Oral and Written Presentations: Students will be invited to share their experiences with:
 - Questions from your interviews.
 - Students will share their best practices in preparing for Interview Questions and will provide constructive feedback to other students for future improvement.
 - Detailed Technical Task Assignment Description
 - Describe what you do on your internship. This includes processes, procedures and plans undertaken, software tools used, what you have accomplished and delivered by the end of the semester/internship, and a reflection on what you could have been done better. All students are encouraged to learn about a variety of processes and procedures, as well as the technical tools (especially those that leverage AI) that can optimize these workflows.
 - Challenges experienced on the Job
 - Technical Challenges
 - Challenges with Management / Co-Workers / Company Bureaucracy / Office Politics
 - Challenges with Work/Life/School Balance
- Insights and "Words of Wisdom" from successful Tech Leaders
 - TED talks
 - Commencement Speeches
- Articles and Books on Career Choice, Development and Resilience
 - Long-term career planning
 - Work-Life Balance
- Responsible and Ethical Usage of AI
 - Describe your company's policy on AI usage (if there is such a policy)
 - Is the policy effective, enforced, and (in your opinion) fair, responsible, ethical?
- All students must uphold academic honesty, especially for the required written paper(s), per university policy detailed at:
<http://www.sjsu.edu/specialed/docs/current-forms/AcademicIntegrityPolicy.pdf>

Final Examination

The culminating final exam will be based on your final report at the end of the semester.

Students not completing the final report(s) by the announced deadline at the end of the semester will receive an "I" (Incomplete grade for the course).

Classroom Protocol

For the Summer, all classes will meet on-line. Please be sure to check email regularly during the summer session to stay timely informed about assignments and due dates. Because of the short, concentrated duration of the summer session, missed or late assignments will be recorded as 0. No make-ups can be allowed.

Grading Information

Grading consists of weekly exercises, and written reports due at the end of the semester. Final course grades will be assigned using the table below. The "points" in the table should be construed as "percentages". Note that the 3-unit CS190i class requires everything from the CS190 class plus additional assignment(s).

- For the 1-unit CS190 class, the total amount of points possible for the course is 100.
- For the 3-unit CS190i class, the total number of points possible for the course is 300.

All assignments are all required and all must be completed by the student on the due date specified in order to successfully complete this course. Late assignments or late written reports will not be accepted. All students must uphold academic honesty, especially for the required term paper, per university policy detailed at the following SJSU webpage: <http://www.sjsu.edu/specialed/docs/current-forms/AcademicIntegrityPolicy.pdf>

CS190 (1-unit class) 100 points max:

50 points: Weekly Exercises
50 points: Written Internship Report

CS190i (3-unit class) 300 points max:

50 points: Weekly Exercises
50 points: Written Internship Report
200 points: Book Report

The Table Below is for 100 point course total (CS190); Scale appropriately for 300 point CS190i Course

A plus = 100 to 97.0 points
A = 96.9 to 93 points
A minus = 92.9 to 90.0 points
B plus = 89.9 to 87.0 points
B = 86.9 to 82.0 points
B minus = 81.9 to 80.0 points
C plus = 79.9 to 77.0 points
C = 76.9 to 72.0 points
C minus = 71.9 to 70.0 points
D plus = 69.9 to 67.0 points
D = 66.9 to 62.0 points
D minus = 61.9 to 60.0 points
F = 59.9 points or lower

University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' Syllabus Information web page at <http://www.sjsu.edu/gup/syllabusinfo/>

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>