

San José State University

Course and Contact Information

Instructor:	Navrati Saxena
Office Location:	MH 214 MacQuarrie Hall
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Office Hours:	Tuesday, 9 AM ~ 11 PM PST (Days and time) [If the office hours does not suit you, please email me and I will be happy to set up a zoom meeting with you]
Class Days/Time:	CS 146-08 - Monday/Wednesday; 12:00 PM - 1:15 PM
Classroom:	Science Building 142

MATH 30, MATH 42, and (CS 46B in Java or (CS 49J and CS 46B))

Prerequisite Courses

You must show me that your prerequisite courses have been satisfied. If you do not show me by Friday, January 28, 2022, you might be dropped from the course, if other students are waiting for your space. If you don't show me prerequisites by drop date, you will be dropped. Further, I will not give out any add codes without first seeing prerequisite proof.

Prerequisites:

The prerequisite courses are: Math 30, Math 42, and (CS46B in Java or (CS49J and CS46B)). You should show me grades for CS46B, Math30, and Math42, or their equivalents on a San Jose departmental course equivalence form. You must have a C- or better in each course. If you took CS46B elsewhere, you should also show

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

1. Understand, use, and implement different types of data structures – trees, graphs, hash tables, red-black trees, B-trees, etc.
2. Design efficient algorithms using these data structures.

external site.)

Class Participation/In-class Activities

1. You will be presented with in-class exercises/activities in class sessions to be completed individually or in groups. These in-class exercises will be due at the end of class.
2. These exercises are intended to serve as a review to help you and the instructor assess learning in the class.

NOTE that [University policy F69-24 \(Links to an external site.\)](http://www.sjsu.edu/senate/docs/F69-24.pdf) at <http://www.sjsu.edu/senate/docs/F69-24.pdf> states that “Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading.”

Assignments, Examinations, or Evaluation

The course will have graded home-works, quizzes, mid-term examination, and final-term examination. Their percentage weightage are mentioned above. The syllabus and details of each of these will be posted in Canvas. The dates of the examinations and quizzes are indicated in the Lecture Schedule.

Make-up exams and quizzes will be granted only for extenuating circumstances. Contact the instructor as soon as possible during the semester if you have such a circumstance. Absence from examinations and quizzes without prior approval will result in a score of 0.

Grading Information: Determination of Grades

As mentioned in the **Course Requirements and Assignments**, this course will contain quizzes, homework, Mid-Term, and Final Term Exam. The individual weights of these are mentioned above under Course Requirements and Assignments.

Students’ grades will be determined based on the overall percentage obtained across all of the mentioned above. The benchmarks of the grades are mentioned in the table below.

Grade	Percentage
<i>A plus</i>	95% to 100%
<i>A</i>	90% to 94%
<i>B plus</i>	85% to 89 %
<i>B</i>	80% to 84%
<i>C plus</i>	75% to 79%
<i>C</i>	70% to 74%
<i>D plus</i>	65% to 69%
<i>D</i>	60% to 64%
<i>F</i>	50% to 59%
<i>W</i>	0%

Regrades

If you believe an error was made in the grading of your quiz or exam, you may request a regrade from me, Professor Saxena, either during my zoom office hours (preferred) or by sending me an email.

University Policies and Procedures

Per University Policy S16-9 (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant university policy concerning all courses, such as student responsibilities, academic integrity, accommodations, dropping and adding, consent for recording of class, etc. and available student services (e.g. learning assistance, counseling, and other resources) are listed on Syllabus Information web page (<http://www.sjsu.edu/gup/syllabusinfo>), which is hosted by the Office of Undergraduate Education. Make sure to visit this page to review and be aware of these university policies and resources

Academic Integrity

For this class, you should obviously not cheat on tests. For quizzes and exams, you should not discuss or share code or problem solutions between groups or friends! At a minimum a 0 on the quiz or exam will be given. A student caught using resources like Rent-a-coder will receive an F for the course. Faculty members are required to report all infractions to the Office of Student Conduct and Ethical Development. All quizzes and exams that a student submits will be checked by turn-it-in for plagiarism.

Accommodations

If you need a classroom accommodation for this class and have registered with the Accessible Education Center (<https://www.sjsu.edu/aec/> ([Links to an external site.](#))), please come see me