intellectual property of the instructor; you have not been given any rights to reproduce or distribute the material. Course material cannot be shared publicly without his/her approval. **You are not allowed to publicly share or upload instructor generated material for this course such as exam questions, lecture notes, or homework solutions without instructor consent.**

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/" Make sure to review these policies and resources.

Data Structures and Algorithms, CS146-S4, Spring 2020, Course Schedule

Tentative Course Schedule (This schedule is subject to change with fair notice.)

Week	Date	Topics, Readings, Assignments, Deadlines
1	1/23	Motivation, Orientation/Syllabus, Introduction. (Student's Information Due) Algorithms & Computers (Ch 1 & Appendix A)
2	1/28	Java Evaluation Review Data Structures (lists, stacks, queues, trees), Recursion, Basic Algorithms (Ch 10)
2	1/30	Growth of Fu87.76 cm BT 50 0 0 50 148 -343 .24 0 0 0.24 18 5T 5T 50 0 0 8 587.7' 0 00 5(

Week	Date	Topics, Readings, Assignments, Deadlines
11	4/9	**Midterm 2** Programming Assignment 2 (Out)
12	4/14	Midterm 2 solutions Graph Algorithms(Ch22), BFS (Ch 22.2), DFS (Ch 22.3) (Appendix B.1, B.4-5)
12	4/16	Single Source Shortest Paths: Dijkstra's Algorithm (Ch 24) Programming Assignment 2 (Due)
13	4/21	Dynamic Programming Technique (Ch 15)
13	4/23	Dynamic Programming Technique (Ch 15), Greedy Technique (Ch 16) HW Assignment 3 (Out)
14	4/28	Greedy Technique (Ch 16), Minimum Spanning Tree(Ch23)
14	4/30	All-Pairs Shortest Paths: Floyd-Warshall (Ch 25.1-2) HW Assignment 3 Due Programming Assignment 3 (Out)
15	5/5	HW3 Solutions NP-completeness, Reductions (Ch. 34.1-4)
15	5/7	NP-complete Problems (Ch. 34.5) Programming Assignment 3 Due Final Review
Final Exam	5/13	Wednesday, May 13 | 9:45am – 12:00pm