Grading information:

I will determine letter grades for the course, including +/- grades based on

Percentage	Grade
92 and above	*A*
90 - 91	*A-*
88 - 89	*B+*
82 - 87	*B*
80 - 81	*B-*
78 - 79	*C+*
72 - 77	*C*
70 - 71	*C-*
60 - 69	*D*
59 and below	*F*

List of the percentage weight [or point value] assigned to various class assignments
- o *Homework: 20%*
- o *In-Person Midterm I (Wednesday, March 12): 25%*
- o *Project: 30%*
- o *In-Person Midterm II (Monday, May 5): 25%*

NO make-up exams will be given and NO late homework will be accepted.

Classroom Protocol

Always start your email subject with [CS274] to get my attention.

Wireless laptop is required. *Your laptop must remain closed (preferably in your backpack and, in any case, not on your desk) until I inform you that it is needed for a particular activity.*

Cheating *will not be tolerated, but working together is encouraged*

Student must be respectful of the instructor and other students. For example, but not limited
- o *Turn off cell phones*

To encourage participation from students, NO recording is allowed.

University Policies

Per University Policy S16-9 *(http://www.sjsu.edu/senate/docs/S16-9.pdf)*, relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for recording of class, etc. is available on Syllabus Information web page at http://www.sjsu.edu/gup/syllabusinfo/ . Make sure to visit this page, review and be familiar with these university policies and resources.

The schedule is subject to change with fair notice and the notice will be made available in class.

Course Schedule

Week	Topics, Readings, Assignments, Deadlines
1	Overview of Web Intelligence
2	Shingling & Min-Hashing
3	Locality-Sensitive Hashing & Sampling a Fixed-Size Sample
4	Queries Over a Sliding Window & DGIM Method
5	Web Search & PageRank
6	Block-Based Update Algorithm & Frequent Itemset Mining
7	Association Rules & A-Priori Algorithm
8	Multistage Algorithm & Performance-Based Advertising
9	BALANCE Algorithm & Content-based Recommender Systems
10	*Spring Recess*
11	Collaborative Filtering
12	Community Detection & Spectral Clustering
13	Dimensionality Reduction
14	Applications of Mining Data Streams & Link Analysis
15	Applications of Frequent Itemsets & Advertising on the Web
16	Applications of Recommendation Systems & Mining Social-Network Graphs