

Course: DISCRETE MATHEMATICS CSC 230.01

Instructor: Daniel Tomasevich

Online office hours: Tue, Thur. 11:00 – 11:45 h or by appointment

E-mail: dtomas@sfsu.edu

Textbook: Kenneth Rosen, Discrete Mathematics and its applications
(7th or 8th edition), McGraw Hill

Prerequisite: CSC 210, MATH 227 with grade C or better

Syllabus: Introduction to discrete mathematics and mathematical tools
used in computer science

- *set theory, operations with sets, set equalities,*
- *predicate logic, truth tables, rules of inference,*
- *proof methods,*
- *functions, relations,*
- *growth of functions, introduction to analysis of algorithms,*
- *counting,*
- *graph theory,*
- *trees,*
- *combinatorics, probability,*
- *recursion,*

**Course
information:** <http://ilearn.sfsu.edu>

Grading: homework 15%; each midterm 20%; final exam 45%

Policy: The final grade will be based on the cumulative points obtained from all coursework. Midterm dates will be announced in class. No makeup tests when midterms, final exam are not taken on specified dates.

Homework that is illegible, submitted on torn out notebook pages will not be accepted.

Most likely the grading scale will be

95-100% A; 90-94% A-
86-89% B+; 83-85% B; 80-82% B-
76-79% C+; 73-75% C; 70-72% C-
66-69% D+; 63-65% D; 60-62% D-
Less than 60% F

The final exam date is already scheduled, no exceptions.

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(<http://its.sfsu.edu/guides/copyright-law>)

Disability access

Students with disabilities who need reasonable accommodations are encouraged to contact the instructor. The Disability Programs and Resource Center (DPRC) is available to facilitate the reasonable accommodations process. The DPRC is located in the Student Service Building and can be reached by telephone (voice/TTY 415-338-2472) or by email (dprc@sfsu.edu)

Cheating and Plagiarism

Cheating and plagiarism are serious violations of academic conduct. Please read the Computer Science Dept cheating policy
<https://cs.sfsu.edu/cheating-plagiarism-policy>

and

SF State University Plagiarism Policy
<https://conduct.sfsu.edu/plagiarism>

Student disclosures of sexual violence

SF State fosters a campus free of sexual violence including sexual harassment, domestic violence, dating violence, stalking, and/or any form of sex or gender discrimination. If you disclose a personal experience as an SF State student, the course instructor is required to notify the Title IX Coordinator by completing the report form available at <http://titleix.sfsu.edu>, emailing vpsaem@sfsu.edu or calling 338-2032.