

## MATH 260 – Discrete Mathematics

Instructor: Patrick Staley  
Office: 390D  
Office hours: 11:00-11:50am Mon Wed Fri; 9:00-9:50 Tue Thur  
Website: [www.mr-ideahamster.com](http://www.mr-ideahamster.com)  
Email: [pstaley@swc.cc.ca.us](mailto:pstaley@swc.cc.ca.us)  
Telephone: 421-6700, ext 5521

Text: Discrete Mathematics with Applications Third Edition, by Susanna Epp.

Prerequisites: Math 251 or Math 122 (second semester Calculus) with grade of C or better.

Class Hours: 9:00-9:50am Mon Wed Fri in room 397

Course Description: This is a transferable course that is a prerequisite for most upper division Mathematics and Computer Science classes. The core topics are logic, methods of proof, mathematical induction, set theory, counting, general functions, and relations. Applications will be drawn from number theory, probability, computer science, and other sciences.

Attendance Policy: Students are expected to attend all lectures. If a student misses excessive class time, he/she may be dropped. Attendance is taken with a seating chart. Choose your seat at the second class meeting.

Electronic Devices: During lecture please turn off all phones, pagers, music devices, tape recorders, etc. Electronic devices may be activated during lab time so long as they do not disturb classmates.

Special Accommodations: Southwestern College recommends that students with disabilities discuss academic accommodations with their professors during the first two weeks of class. An alternate form of this syllabus is available upon request.

Homework: There will be homework due nearly every class period. Repeated failure to complete homework assignments will result in the student being dropped for non-performance.

Grading Policy: Your final grade will be a composite of several chapter tests and a Final Exam. The Final Exam is weighted as two chapter tests. Letter grades of A,B,C,D, or F are assigned to each chapter test and Final Exam. These are incorporated into the final grade based on the weight assignments A=4, B=3, C=2, D=1, and F=0. Excessive F scores (two) will result in a lower class grade regardless of the weighted average score. The final exam is comprehensive. There will be no make up tests.

Knowing the correct answer to an exam question is insufficient—the correct answer must be written on the answer sheet. Exam answers that confuse the grader will be marked wrong.

Website: [www.mr-ideahamster.com/classes/classes.htm](http://www.mr-ideahamster.com/classes/classes.htm) contains current notes to students including information on exams, an updated syllabus, the current grade sheet (password protected), power point slides, and other relevant information.

Example of Grading Algorithm: Assume chapter test grades of B,D,B,C,B,A, and final exam grade of A. Then Class Grade =  $(3+1+3+2+3+4+4*2)/8 = 3.0 = B$  (note that for the class grade A is 3.5 to 4.0, B is 2.5 to 3.5, C is 1.5 to 2.5, D is 1. to 1.5, and F is 0 to .99)

Exclusion Policy: A student may be dropped from the class for excessive absences, non-performance, cheating, or disruptive behavior.

Cheating: Behavior indicative of cheating will be handled by an oral exam, the outcome of which will be one of: F grade on the exam, F grade for the semester, dropping the class, or reinstatement of the score. This penalty also applies to any accomplice.

Final Exam time: Wednesday December 21 8:00-10:00AM

Initial Assignment: Buy the textbook and read section 1.1.