MATH 260 – Discrete Mathematics

Instructor:  Patrick Staley
       Office:  390D
       Office hours: 10:00-10:50am Mon-Fri
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Text:  Discrete Mathematics with Applications Second Edition, by Susanna Epp.

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

Class Hours:  11:00-11:50am Mon Wed Fri in room 332

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 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 May 25 10:30am-12:30pm

Initial Assignment:  Buy the textbook and read section 1.1.