Discrete Models
Math 332, Winter 2008
10:00-10:50 a.m. MTWF, Bouillon 106

Instructor: Dr. Fassett
Office: Bouillon 108C
Phone: 963-2401
Email: fassett@cwu.edu
Web: www.cwu.edu/~fassett/
Office Hours: TBA
Text: <u>Discrete Mathematics with Applications</u>, 3rd edition by Susanna Epp.
Course Description: In this course we will study mathematical models that are discrete in nature; that is, models that are functions or relations of discrete sets, such as the natural numbers or integers. Because of these relationships, mathematical induction will often be relied upon. Specific topics will include sequences, functions and relations, countable and uncountable sets, fractals, and Markov chains
Course Goals: Upon successful completion of the course, the student will be able to:
- analyze situations that lend themselves to discrete mathematical modeling;
- design and find solutions to discrete models;
- communicate verbally and in writing so that their work and reasoning can be understood by others.

Course Policies:

    Attendance: Daily attendance is expected and considered necessary for success. Please bring the text, a writing utensil, and paper to each class meeting. We will spend time working in groups and sharing our findings with the class. You are expected to participate in these activities (see below). You are responsible for any announcements made during class regarding homework and exams.

    Homework: Homework will be assigned and selected problems will be turned in for grading. You are encouraged to work together on homework but each student must turn in his or her own write-up. Problems turned in for grading will be organized and neatly presented or they will not be graded.

    Class Participation: Participation in classroom activities is expected. This will take the form of a group presentation of findings or presenting solutions to assigned homework. Poor attendance will hurt your participation score.

    Exams: There will be a midterm exam.

    Course Project: Each student will complete a written project relating a course topic to the art of teaching.

    Course Grades: Course grades will be based upon the following distribution

Homework	40%
Class participation	10%
Exam	30%
Course Project	20%

Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office as soon as possible. Students without this form should contact the Disability Support Services Office, Bouillon 205 or dssrecept@cwu.edu or 963-2171.