Instructor: Dr. Daniel Freeman
E-mail: freeman@math.utexas.edu
Office: RLM 11.108
Office hours: Tue 2:30-4:00, Thu 3:00-4:30 or by appointment
Class time: TTh 9:30-10:45a RLM 6.120
Class webpage: www.ma.utexas.edu/users/freeman/325Kspring12.html
Textbook: *Discrete Mathematics with Applications*, fourth edition, by Susanna S. Epp

**Course description:** This course serves as a transition from the problem-solving approach of early computational courses, such as calculus, to the entirely rigorous approach of advanced courses. Successful students will leave this course with an understanding of discrete techniques, as well as having become familiar with the language and techniques of proof writing in a discrete context. Topics will include an introduction to formal logic, an introduction to set theory, functions and relations, and basic combinatorial principles.

**Grading:** Grades will be based on the best two out of three in-class exams (worth 50% total), a cumulative final exam (35%), and homework, class work, attendance and class participation (15%).

**Exam Dates:**
- Exam 1: Tuesday Feb 7 in class
- Exam 2: Thursday Mar 22 in class
- Exam 3: Thursday Apr 26 in class
- Final: Thursday May 10 2:00-5:00pm

**Calculator Policy:** Calculators will NOT be allowed on exams.

**Make-up policy:** Make-ups for missed exams will only be allowed for serious reason, and the instructor must be notified in advance.

**Deadlines for dropping the course:** If you drop a class on or before February 1, the class will not show up on your transcripts. If you drop a class after that date, the course will show up on the transcript with a Q grade. After April 2, it is not possible to drop a course except for extenuating circumstances.

**Support services:** Upon request, the University of Texas at Austin provides appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259 or 471-6441 TTY. If you have need for special accommodation, you must notify the instructor at the start of the semester.

**Academic integrity:** No cheating! If you are caught cheating, you will be penalized as harshly as possible under the rules of UT.