Mathematics 266 Principles of Mathematics  
Fall 2014 Section 01

Instructor: Daniel Freeman  
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Office hours: MWF 1:00-2:00pm or by appointment  
Class time and place: MWF 2:10-3:00pm RTH 223  
Class webpage: mathcs.slu.edu/~freeman/266Fall14.html  
Textbook: Mathematical Proofs, 3rd edition, by Chartrand

Course description: Introduction to the basic techniques of writing proofs and to fundamental ideas used throughout mathematics. Topics covered include formal logic, proof by contradiction, set theory, mathematical induction and recursion, relations and congruence, functions.

Prerequisite: MATH 142

Grading: Grades will be based on three in-class exams (worth 20% each), a cumulative final exam (30%), and homework and class work/in-class quizzes (10%).

Calculator Policy: Calculators will NOT be allowed on exams.

Make-up policy: Makeup exams will only be allowed in extreme circumstances.

Support Services: Students who believe that, due to a disability, they could benefit from academic accommodations are encouraged to contact Disability Services (314.977.3484 or disability_services@slu.edu) or visit the Student Success Center (BSC 331, www.slu.edu/success). Accommodation requests will be supported when I have received confirmation from Disability Services and when the student has discussed these accommodations with me after I have received that confirmation. If the accommodation involves extra time on a quiz or test, you must make arrangements with me at least one week before the quiz or test.

Academic integrity: No cheating! In order to provide a suitable environment for learning, it is essential that students adhere to the standards of academic honesty described in the policy of the College of Arts and Sciences www.slu.edu/college-of-arts-and-sciences-home/undergraduate-student-resources/ academic-honesty. I am required to report instances of academic dishonesty to the Department Chair and the College of Arts and Sciences. If you have any questions about what rules govern any particular test or assignment, be sure to ask me for a clarification.