

Syllabus
Mat 300, Mathematical Structures
Spring 2009

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Phone: (480)965-2352	Office hours: Tu, 3:45-5:00 and Th, 3:00-4:15

Teaching Assistant: Adam Bland

Text: *Sets, Functions, and Logic*, K. Devlin, 3rd edition.

Suggested books:

1. *Mathematics, A Very Short Introduction*, T. Gowers. (required)
2. *Conjecture and Proof*, M. Laczkovich.
3. *Proofs from The Book*, M. Aigner, G. M. Ziegler.

Additional reading assignments can be given in class.

Homework and Quizzes: There will be regular homework assignments and occasional quizzes. No make-up quizzes will be given under any circumstances. Homework will be collected **every Tuesday** unless stated differently in class.

Tests: We will have two in-class tests. Make-up tests are at the discretion of the instructor. No make-up test will be given unless a student has notified the instructor before the test is given.

Test 1 - February 26 Test 2 - April 16

Recitations: You should sign up and attend one of the five sessions every week.

Final Exam: The date of the final exam is **Tuesday, May 12, 9:50-11:40 AM.**

Grading: Your final grade will be computed using the following rule:
30% - homework, recitations, and quizzes, 40% - tests (20% each), 30% - final.

Grading scale: A : above 90%, B: 80% - 90%, C: 70% - 79%, D: 60%-69%, E: below 60%.

Important: It should be understood that all the above rules are approximate, dates of the tests are tentative and can change.

Other Links:

[Problem-Solving Seminar](#)