MATH 301, FOUNDATIONS OF HIGHER MATH – SPRING 2011

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Office Hours (Held in E-194A Holmes Hall): Mon 3-4pm, Wed 10-12:15, and by appointment

Lecture: MWF, 1:50 - 2:40 in Hubbard Hall 129

Text: Maddox, *A Transition to Abstract Mathematics*

Course Objectives: This course serves as an introduction to mathematical thinking and writing proofs. Students will learn these skills by studying logic, set theory, and functions.

Homework: Assignments will be announced in class and posted on the ANGEL course page. Your lowest homework grade of the semester will be dropped. No late work will be accepted. Assignments will be due most weeks, usually on Wednesday at the beginning of class. You may work with other students on the assignments, but the work that you turn in must be your own write up of the solutions, not a copy of another student's work.

In-Class Exams: There will be three in-class exams. The tentative exam dates are **February 11**, **March 18**, and **April 18**. If your final exam percentage is higher than one of your in-class exam percentages, your lowest in-class exam grade will be dropped and replaced with your final exam grade. There will be no make-up exams. If you miss an in-class exam for any reason, that exam will count as your lowest and will be replaced by the final exam grade. No student should miss two exams.

Final Exam: There will be a comprehensive final exam at the end of the semester. The final exam is scheduled for **Thursday, May 5, from 3 - 5pm**.

Grading Components:

Homework	25%
In-Class Exams	45%
Final Exam	30%

ANGEL: The course page on ANGEL (http://angel.msu.edu) will contain course announcements and written assignments