MAT-108: Intro to Abstract Math  
Fall 2016  
Instructor: Adam Jacob  

Basic Information:  

- Meeting time: MWF 11:00-11:50am  
- Location: WELLMN 234  
- Office hours: Th 10:00-1100am  
- Office: MSB 2111  
- Contact email: ajacob@math.ucdavis.edu  

Prerequisites:  

Completion of course MAT 21B (or equivalent); Completion of MAT 22A (or equivalent) or can be taken concurrently.  

Course Description:  

This course provides an introduction to rigorous mathematics, and is designed to help students develop a strong foundation in mathematical reasoning and logic. It will cover various topics that lie in the standard toolkit for working mathematicians. This includes an introduction to logic, set theory, algebra and topology. This is a good course for students considering a math concentration who would like to get a sense of upper level math courses. This course is also suitable for students interested in math who would like to learn how to write rigorous, logical arguments.  

Homework:  

Homework will be handed out in class each Friday, to be turned in a week later. Homework is due in class. Late homework will not be accepted, however Your lowest homework score will be dropped.  

Exams:  

There will be two in class midterms and a final exam.  
Midterm 1: Friday, October 14th.  
Midterm 2: Friday, November 4th.  
Final: Monday, December 5th, 3:30-5:30pm.  

Grading:  

- Weekly homework: 25%  
- Midterm I: 20%  
- Midterm II: 20%  
- Final: 35%