

# Syllabus for AM36 Spring 2005

Dr. Sigal Gottlieb

Phone: 401-751-9416 (home)  
401-952-1671 or  
401-345-6061 (cell)

email: [sigalgottlieb@yahoo.com](mailto:sigalgottlieb@yahoo.com)  
[sg@cfm.brown.edu](mailto:sg@cfm.brown.edu)

**Office Hours:** In B&H lounge  
Monday 12:50-1:20  
Wednesday 11:15-12:00  
And by appointment

**Teaching Assitant:** Akil Narayan

**Material Covered:**

January 26 – March 7<sup>th</sup>  
March 8<sup>th</sup> - March 25<sup>th</sup>  
April 4 – April 20<sup>nd</sup>  
April 20<sup>th</sup> -

Chapter 7: ODE systems  
Chapter 8: Numerical Methods  
Chapter 6: Laplace Transforms  
additional topics

**Class Cancellations:**

Monday, February 21 (Presidents' Day)  
March 28-April 1 (Spring Break)  
Monday April 25<sup>th</sup>

**Exams:**

First midterm on systems of ODEs on **March 9<sup>th</sup>**.  
Numerical Project due on April 1<sup>st</sup>.  
Second midterm on Laplace Transforms April 29<sup>th</sup>.  
Final Exam will be a take-home project.

**Homework:** Will be collected and graded

Grade will be based mainly on exams (25 % each). However, homework will count in borderline cases.