

**MATH 103B SYLLABUS  
SPRING 2016**

<b>Lectures</b>	MWF 1:00-1:50, WLH 2111
<b>Instructor</b>	James M <sup>c</sup> Kernan, APM 6260, phone (858)-534-6347
<b>Office Hours</b>	MW 2:00-3:00 or by appointment, if you cannot make these times.
<b>Teaching Assistant</b>	Artem Mavrin, amavrin@ucsd.edu
<b>Section</b>	T 6:00-6:50, 7:00-7:50, APM 7421
<b>Office Hours</b>	T 12:00-2:00, APM 2313
<b>Text</b>	<i>A first course in Abstract Algebra</i> , J. Fraleigh See web site for some other suggestions.
<b>Exams, Final</b>	Thursday June 9th, 11:30-2:30pm, WLH 2111.
<b>Midterms</b>	Wednesday April 20th, Wednesday May 18th.
<b>Homework</b>	Homework will be assigned on the website every Monday. It will be due one week later every Wednesday at 5pm, in a dropbox in the basement of APM. Late problem sets are <b>not accepted</b> , however the lowest problem set score will be dropped.
<b>Grading</b>	Homework 30%, Midterms 30%, Final 40%.
<b>Syllabus</b>	Second course in a two-quarter introduction to abstract algebra with some applications. Emphasis on rings and fields. Topics include: definitions and basic properties of rings, fields, and ideals, homomorphisms, irreducibility of polynomials. (Students may not receive credit for both Math 100B and Math 103B.)
<b>Prerequisites</b>	Math 103A or Math 100A or consent of instructor.