MATH 3210-4, 4:35 - 5:55 MWF IN JWB 208

Instructor: Gordan Savin. Office: LCB 205. Office hours: WF, 3:30 - 4:30, or after the class or by appointment. You are also welcome to stop by my office anytime.
http://www.math.utah.edu/~savin

Course content: This is an Honors section of Math 3210. It is more difficult than other sections, with an emphasis on proofs. It also uses a different text: Walter Rudin, Principles of Mathematical Analysis, Third Edition, MacGraw-Hill. We plan to cover the first six chapters:
- Chapter 1: The Real and Complex Number Systems
- Chapter 2: Basic Topology
- Chapter 3: Numerical Sequences and Series
- Chapter 4: Continuity
- Chapter 5: Differentiation
- Chapter 6: The Riemann-Stieltjes Integral

Goal: This is a course in real analysis in one variable. It includes axioms of real numbers and basic theory of metric spaces and topology necessary for a proper course in real analysis. Students are expected to have a good mastery of differentiation and integration techniques. The course emphasizes proofs and rigorous analytic thinking.

Homework and Exams: Homework problems will be regularly assigned and discussed in the class, but not graded. Grade will be based on six take home exams, one for each chapter. Students will have approximately one week to work on each exam.

Accommodation: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services (CDS), 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and me to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to CDS.

Student Code: All students are expected to maintain professional behavior in the classroom setting, according to the Student Code, spelled out in the Student Handbook. You have specific rights in the classroom as detailed in Article III of the Code. The Code also specifies proscribed conduct (Article XI) that involves cheating on tests, collusion, fraud, theft, etc. Students should read the Code carefully and know you are responsible for the content. According to Faculty Rules and Regulations, it is the faculty responsibility to enforce responsible classroom behaviors, beginning with verbal warnings and progressing to dismissal from class and a failing grade. Students have the right to appeal such action to the Student Behavior Committee.
http://regulations.utah.edu/academics/6-400.php