

MATH 409—Advanced Calculus I
SPRING 2009, SECTIONS 200 AND 501

Instructor: David Kerr

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Office: Milner Hall 121

Office hours: T 2:00–3:30, W 10:30–12:00, or by appointment

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Lectures: TR 11:10–12:25, Blocker 160

Textbooks: *An Introduction to Analysis*, third edition, by William R. Wade, published by Pearson Prentice Hall

Course description: Axioms of the real number system; point set theory of the real number line; compactness, completeness and connectedness; continuity and uniform continuity; sequences, series; theory of Riemann integration.

Grading: Grades will be based on two in-class exams (worth 25% each), a cumulative final exam (30%), and weekly assignments (20%), and will be determined in the standard way: A: 90–100, B: 80–89, C: 70–79, D: 60–69, F: 0–59. The final exam will be held from 3:00 p.m. to 5:00 p.m. on Friday May 8. The in-class exams will be held on Thursday February 19 and Thursday March 26.

Make-up policy: In accordance with university regulations, make-ups for missed exams and assignments will only be allowed for a university-approved excuse in writing. Whenever possible, students should inform the instructor before an exam or assignment is missed. Students are required to notify the instructor by the end of the next working day after missing an exam or assignment. Otherwise, they forfeit their rights to a make-up.

Support services: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845-1637.

Academic integrity: The Aggie Code of Honor states “An Aggie does not lie, cheat, or steal or tolerate those who do.” See <http://www.tamu.edu/aggiehonor> for university policy concerning academic dishonesty and the rules and procedures of the Honor Council.

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