

MATH-401.01

(80443)

Course Syllabus

Fall 2008

MWF, 1:00-1:50, CH-143

Text	<i>Introduction to Real Analysis</i> , 3 rd ed., Bartle & Sherbert		
Course Description	This course is a first course in real analysis that lays out the context and motivation of analysis in terms of the transition from power series to those less predictable series. The course is taught from a historical perspective. It covers an introduction to the real numbers, sequences and series and their convergence, real-valued functions and their continuity and differentiability, sequences of functions and their pointwise and uniform convergence, and Riemann-Stieltjes integration theory. Prerequisites: MATH 213 or MATH 223/224 and MATH 332/342		
Instructor Info	Instructor: Terry Bridgman Office: CH 279 Office Phone: x2447 Office Hours: 10:00 - 11:00; MWF (or by appointment) Email: tbridgma@mines.edu		
Grading	Exams (2 @ 25% each): 50% Homework: 20% Final: 30% <hr/> Total: 100%	90 - 100% 80 - 89% 70 - 79% 60 - 69% Below 60%	A B C D F
Important Dates	First Day of Class August 20 Exam I Sept 26 Fall Break (No Classes) Oct 13 - 14 Last day to withdraw with a W (continuing students) Oct 28 Exam II Nov 5 Thanksgiving Break (No Classes) Nov 26 - 28 Dead Day Dec 5 Final Exam TBD		

Academic Honor Code

I pledge to uphold the high standards of academic ethics and integrity expressed by the Colorado School of Mines Student Honor Code by which I am bound. In particular, 'I will not misrepresent the work of others as my own, nor will I give or receive unauthorized assistance in the performance of academic coursework.' I understand that my instructor will report any infraction of academic integrity to the Department Head and that any such matter will be investigated and prosecuted fully.