## **MATH-348**

## Advanced Engineering Mathematics

## Course Syllabus

http://ticc.mines.edu/ Spring 2009

Text	E. Kreyszig, Advanced Engineering Mathematics, $8^{th}$ edition, Wiley, New York, 2006	
Course Description	Introduction to partial differential equations, with applications to physical phenomena. Fourier series, Linear Algebra with emphasis on sets of simultaneous equations. Prerequisite: MATH225 or equivalent.	
Sections	B: 12:00pm-12:50pm C: 1:00pm-1:50pm D: 2:00pm-2:50pm	Location: Alderson Hall 330 Location: Green Center 211 Location: Green Center 211
Instructor Info	Instructor: Scott Strong Office: Chauvenet Hall 278 Office Hours: M 3-4	Phone: 303.384.2446 Email: math348.spring2009@gmail.com W and F 11-12
Grading	Exams (2 @ 25% each): 50% Final Exam: 30% Discretionary: 20% Total: 100%	80 - 89% B 70 - 79% C - 60 - 69% D
Important Dates	First Day of Class Last Day to Drop Without a W President's Day Last Day to Withdraw Engineering Days Last Day of Class	January 7 January 22 February 16 March 24 April 3 April 30
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.	