MATH-235

Differential Equations w/ Honors

Course Syllabus

http://www.mines.edu/Academic/courses/math_cs/math235/

Spring 2008

Text	Differential Equations, 3^{rd} ed., P. Blanchard, R. Devaney and G. Hall, Thomson Brooks/Cole, Boston University, 2006.
Course Description	Classical techniques for first and higher order equations and systems of equations. Laplace transforms. Phase plane and stability analysis of non-linear equations and systems. Applications to physics, mechanics, electrical engineering, and environmental sciences.
Instructor Info	Instructor: Scott Strong Office: Chauvenet Hall 278 Email: math235.spring2008@gmail.com Office Phone: 303.384.2446 Office Hours: Tuesday 9:00am to 10:00am and 3:00pm to 4:00pm Thursday 9:00am to 10:00am and 2:00pm to 3:00pm
Grading	Exams (2 @ 25% each): 50% 80 - 100% A Final Exam: 30% 70 - 79% B Discretionary: 20% 60 - 69% D Total: 100% 60 - 69% F Examinations will be taken in class and announced at least two weeks prior to testing. Calculators, note-cards and crib sheets will not be allowed. Students are responsible for contacting their instructor about excused absences in advance.
Important Dates	First Day of Class Last Day to Drop Without a W Presidents Day (No Classes) Spring Break Spring Break Last Day To Withdraw Engineering Days Last Day To Withdraw (Freshman and Transfers) Final Exam January 9 January 24 February 18 March 10-14 March 25 April 3-4 Last Day To Withdraw (Freshman and Transfers) TBA
CSM 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.