

Section 1: Description

In this course, we will study systems of linear equations, the algebra of matrices, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors, and orthogonality.

Section 2: Class Information

Meetings: Monday-Thursday, 8:00-10:20 AM, from 18 June 2007 through 26 July 2007

Location: PH-314

Section 3: Instructor Contact Information

Instructor: Evan Leach

Email: leache@smccd.edu (Include "MATH 270" in the subject line of your email messages.)

Website: www.smccd.net/accounts/leache

Office Location: PH-414

Office Phone: (650) 738-4186

Office Hours: Monday-Thursday 11-12

Section 4: Required Materials

Textbook: Linear Algebra and its Applications, 3rd edition, David C. Lay, Pearson Addison-Wesley, 2006

Calculator: Texas Instruments TI-83 Plus or equivalent

Section 5: Important Dates

Last Day to Add/Drop (with partial refund): 20 June 2007

Last Day to Drop (without refund): 27 June 2007

Exam One: 28 June 2007

Holiday: 4 July 2007 (Note that we still have class on 5 July 2007!)

Exam Two: 12 July 2007

Last Day to Withdraw: 18 July 2007

Final Exam: 26 July 2007

Section 6: Attendance

Attendance will be taken each day using a sign-in sheet. Any student who misses two of the first three class meetings (18, 19 and 20 July 2007) without notifying the instructor will be removed from the class. Any student who misses four or more class meetings before the Last Day to Withdraw *may**be removed from the class by the instructor.

* *If you wish to drop or withdraw from this course, do so via WEBSMART. Failure to do so may result in a grade of F for this course.*

Section 7: Homework

Homework will be assigned at each class meeting and collected at the end of the following class meeting. Homework assignments will consist of a selection of problems from the book or from a handout. Homework assignments must be completed on letter-sized loose-leaf paper. Homework assignments may not be submitted on paper torn from a spiral-bound notebook. Scores for homework assignments will be based on accuracy, clarity and promptness.

Include your first and last name as well as the assignment number on each page of your homework assignments. If the problems for the assignment are from the textbook, list those problems on the top of each page as well.

Section 8: Quizzes

Quizzes will be given periodically during the *first* fifteen to twenty minutes of class. Make-up quizzes will *not* be given. Any student who misses a Quiz will receive a score equal to 80% of their score on the Midterm Exam or the Final Exam.

Section 9: Exams

Two Exams will be given. Exam One will take place on Thursday, 28 June 2007. Exam Two will take place on Thursday, 12 July 2007. Make-up Exams will *not* be given. Any student who misses an Exam will receive a score equal to 80% of their score on the Final Exam.

Section 10: Final Exam

The Final Exam will take place on Thursday, 26 July 2007. Any student who misses the Final Exam will receive a grade of F for the course.

Section 11: Grading Policy

Your grade will be based on your performance on attendance (5%), homework and quizzes (15%), Exam One (25%), Exam Two (25%) and the Final Exam (30%). Letter grades will be based on the standard scale below.

Percentage	Letter Grade
90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F