Math 572 Syllabus

Instructor: Dr. William Husen
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Office Hours: 10:30-12pm MWF (and by appointment)
Textbook: <u>Linear Algebra with Applications 7th or 8th ed.</u> by Leon

In this course we will study inner products, orthogonality, linear transformations, eigenvalues and eigenvalues along with applications of these ideas. MATLAB will be used throughout this course.

Attendance: Attendance is not required but is strongly encouraged.

Email: You are responsible for information contained in email messages sent to your official OSU email address (`yourlastname.#@osu.edu`) so you should check your email at least once per day.

Calculators: The only computational aid which you may for homework, projects and exams is MATLAB. You are not permitted to use any other computer program or calculator.

Homepage: The official course page can be found at:
http://www.math.ohio-state.edu/~husen/teaching/wi2011/572/572.html
Most of the material for this course, including notes, exam reviews, and projects will only appear online so it is important that you have access to this page.

Homework: Homework will be assigned regularly throughout the quarter. A portion of each assignment will be collected and graded. There will be six homework assignments collected. In total, the graded homework will count for 15% of your grade. Homework which is turned in one day late will be downgraded by 50% of the total available points. No quiz or project will be accepted more than one day late, NO EXCEPTIONS.

Projects: There will two applied projects listed on the course homepage for the quarter. They are to be turned in by the date listed on the tentative schedule. You are expected to work on each individually and observe the rule on calculators listed above. In total, the projects will count for 10% of your grade. As with homework, a project which is turned in one day late will be downgraded by 50% of the total available points. No project will be accepted more than one day late, NO EXCEPTIONS.

Midterm Exams: There will be two 48 minute midterm exams given during the quarter. They will be given on a lecture day at the usual time and place. The midterm exams will each count for 20% of your grade.

Final Exam: There will be a 1 hour and 48 minute fina1 exam. It will be cumulative with an emphasis on material covered after the second midterm. It will count for 35% of your grade.

Makeups: You must contact me as soon as possible if you have missed an exam and wish to take a makeup. Makeups will only be given for a valid excuse and must be made up within two lecture days, NO EXCEPTIONS. Makeups will be harder than the original exam.

Grades: Grades will be based upon your performance on the quizzes and the exams and weighted as mentioned above.

Grading Scale (Percent):

A	A-	B+	B	B-	C+	C	C-	D+	D
90	87	83	80	77	73	70	67	63	60

Adjustments to this scale may be made at the end of the quarter.