Spring 2007 Math 231.01: Linear Algebra and Differential Equations
MTWF 11:30-11:20, Olin 222

Instructor:	Lew Ludwig	**Office:**	Olin 204
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Office Hours:	9:30-10:20 MWF, 9:30-10:20 Tu or by appointment	**Homepage:**	www.denison.edu/ludwigl

Text: *Differential Equations and Linear Algebra* 2nd edition by Farlow, Hall, McDill, and West

Syllabus: This course will tentatively cover the major concepts of the following chapters in the text with a few additional topics from Chapter 7 and 8 if time permits:

Ch. 1 First-order Differential Equations
Ch. 2 Linearity and Nonlinearity
Ch. 3 Linear Algebra
Ch. 4 High-order Linear Differential Equations
Ch. 5 Linear Transformations
Ch. 6 Linear Systems of Differential Equations

Assessment:

Exams (3)	45%	Tentative Test Dates: 2/10, 3/10, and 4/14
Weekly Assignments	30%	FINAL: 2:00-4:00 Thursday May 3
Cumulative final	25%	

Weekly assignments include, but are not limited to, lab work, notebook quizzes, and take home problems.

Grades: Final grades will be calculated on the following scale

100-93% A, 92.9-90% A-, 89.9-87% B+,
86.9-83% B, 82.9-80%B-, 79.9-77% C+,
76.9-73% C, 72.9-70% C-, 69.9-67% D+,
66.9-63% D, 62.9-60% D-, 59.9-0% F

Attendance: Regular attendance is expected. **No late work** will be accepted. **No make-up** exams will be given.

Disability Accommodation: Any student who feels he or she may need an accommodation based on impact of a disability should contact me privately as soon as possible to discuss your specific needs. I rely on the documented files at the Office of Academic Support in 104 Doane to verify the need.

Important Date:

February 12 Last day to drop courses for the second semester 2006-2007. An F or U will be awarded if one withdraws from a course after this date.