Math 121.02 Essentials of Calculus
MTWF 12:30-13:20, Olin 222

Professor: Lew Ludwig **Office:** Olin 204

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Office hours: 10:30-11:20 MWF, 10:30-11:20 Tu or by chance or appointment (I'm usually around) **Homepage:** www.denison.edu/~ludwigl/

Text: *Thinkwell Calculus I with Edward Burger* (CD-ROM)

Syllabus: This course will tentatively cover the major concepts of the following chapters in the text:

Ch. 1 The Basics
Ch. 2 Limits
Ch. 3 An Introduction to Derivatives
Ch. 4 Computational Techniques
Ch. 5 Special Functions
Ch. 6 Implicit Differentiation
Ch. 7 Practical Application of the Derivative
Ch. 8 Curve Sketching
Ch. 9 The Basics of Integration
Ch. 10 Applications of Integration

Examinations: There will be two tests (125 points each), twelve quizzes (25 points each), and the cumulative final (250 points). The tentative dates are below.

Wednesday:				Friday:	
Sep. 1	Quiz 1	Oct. 20	Quiz 7	Oct. 1	Test 1
Sep. 8	Quiz 2	Oct. 27	Quiz 8	Nov. 12	Test 2
Sep. 15	Quiz 3	Nov. 3	Quiz 9		
Sep. 22	Quiz 4	Nov. 17	Quiz 10	FINAL: 9:00-11:00 Friday December 17	
Oct. 6	Quiz 5	Dec. 1	Quiz 11		
Oct. 13	Quiz 6	Dec. 8	Quiz 12		

Grades: Final grades will be calculated based on performance in the following components of the course.

Component	Points
Quizzes (best 10 of 12)	250
Tests (all)	250
Final Exam	250
Class Participation	50
Total	800

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.

Academic Honesty: Any cheating will not be tolerated. It will result in an F for the course and will be reported to the University Judiciaries. All submitted work is expected to be your own.

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 Academic Support and Enrichment Center in 104 Doane to verify the need.

IMPORTANT DATES:

September 24, 2004 **Last day to drop a course for upperclassmen**
October 29, 2004 **Last day to drop a course for freshmen**