Math 121.02 Essentials of Calculus
MTWF 11:30-12:20, Olin 215

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

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or by chance or appointment (I'm usually around)

Text: *Thinkwell Calculus with Edward Burger* (CD-ROM - required), *Schaum's Outline: Beginning Calculus, 2nd edition* (optional).

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 four tests (100 points each), daily on-line quizzes, and the cumulative final (250 points). The tentative dates are below.

Friday:
Sep. 15 Test 1
Oct. 6 Test 2
Oct. 27 Test 3
Nov. 17 Test 4
FINAL: 9:00-11:00 Monday December 11

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

Component	Points
On-line quizzes	200
Tests	400
Final Exam	200
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 22, 2006 **Last day to drop a course for upperclassmen**
October 27, 2004 **Last day to drop a course for freshmen**