

# MATH 202(01) – CALCULUS II

FALL 2002

**Professor:** Gregory Quenell  
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**Office:** 423 Clapp  
**Office Hours:** Tuesday 10:30 AM – Noon  
Wednesday 3:00 – 4:00 PM  
Thursday 10:30 AM – Noon

**Venue:** The class meets in 402 Clapp Tuesday and Thursday from 2:40 to 3:55, and at a fourth hour to be arranged.

**Text:** James Stewart, *Single Variable Calculus*, fourth edition, Brooks/Cole, 1999.

**Course description:** We will cover most of Chapters 6, 7, 8, 9, and 12 in Stewart. The material includes transcendental functions, techniques and applications of integration, numerical integration, and the representation of functions by power series. We may include other topics, depending on time availability and student interest.

**Homework:** Several homework problems will be assigned in each lecture. Homework will not be collected, but doing the homework is essential to learning the material in the course.

**Quizzes:** There will be a ten-minute quiz each week (except exam weeks). Problems on the quizzes will be very similar to recent homework problems.

**Exams:** There will be three hour exams during the semester, probably during the weeks of October 8, October 29, and December 3. They will be take-home, self-timed exams. There will be a comprehensive final exam during final examination period.

**Technology:** You will need a graphing calculator for this course. I strongly recommend the TI-85, TI-83, or TI-89. If you have another calculator, you will need to have a copy of its instruction manual. In particular, you will need to know how to use your calculator to evaluate partial sums of sequences.

**Grading:** Your two lowest quiz grades will be dropped, and the remaining grades will be weighted as follows to determine your grade for the course:

Quiz average	25%
Hour Exam average	45%
Final Exam grade	30%

**Resources:** My office hours are listed above; you are welcome to make an appointment to talk with me at other times. The mathematics department sponsors walk-in tutoring on Sunday through Thursday evenings in Clapp. Information about homework assignments, meeting times, and impending hour exams may be found at the website

[www.mtholyoke.edu/courses/quenell/f2002/ma202/](http://www.mtholyoke.edu/courses/quenell/f2002/ma202/)

**Issues of Academic Integrity:** You are encouraged to collaborate with your classmates on homework assignments, as long as the information flow goes both ways. No collaboration will be allowed on quizzes or exams.