

MATH 202(01) – CALCULUS II

SPRING 2002

Professor: Gregory Quenell
Telephone: x2720
Email: quenell@mtholyoke.edu

Office: 423 Clapp
Office Hours: Tuesday 3:00 – 4:30 PM
Wednesday 1:30 – 3:00 PM
Thursday 3:00 – 4:30 PM

Venue: The class meets in 120 Clapp Tuesday and Thursday from 8:35 to 9:50, and Friday from 9:00 to 9:50.

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 in each Tuesday class meeting. Problems on the quizzes will be very similar (if not identical) to recent homework problems.

Exams: There will be three hour exams during the semester, probably during the weeks of February 19, March 26, and April 23. 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/s2002/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.