MATH 309 -- Mathematical Analysis for Technology

Spring 2004

Mathematical Sciences Department

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Topics:
Chapter 4 – The Integral
Sections 4.5 – 4.8
Chapter 6 – Derivatives of Transcendental Functions
Sections 6.1 – 6.11
Chapter 7 – Integration Techniques
Sections 7.1 – 7.3, 7.7 – 7.9
Chapter 8 – Parametric Equations, Vectors, and Polar Coordinates
Sections 8.1, 8.3, 8.4
Chapter 9 – Three-Dimensional Space: Partial Derivatives
Sections 9.1, 9.2
Chapter 10 – Infinite Series
Sections 10.1 – 10.3

Exams:
Three exams will be given.

The date, time and place of the final exam will be announced later in the semester.

If you are late for an exam, you will not be able to take that exam.

The grade for a single missed exam will be determined by the grade on the final exam.

In most cases, if you miss two exams, you will be assigned a grade of "F" for the course.

Attendance Policy:

Attendance is mandatory. Students' names will be submitted to the Dean of Freshman Studies for withdrawal from the course if they miss more than three classes. Two latenesses will be equivalent to one absence.

Tutoring:

There is plenty of help available in this class. Your instructor will answer questions related to topics covered in class. The Mathematical Sciences Department runs a tutorial center located in University (Kupfrian) Hall, Room 100. Students are urged to utilize the center for homework and study as needed.