

Kent Pearce

Math 1352-009

Office: MA 201-B
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Lecture
TT 9:30 MA 015

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(Syllabus, Calendar)

Text
Strauss, Bradley & Smith,
Calculus, 3rd Ed.
Prentice Hall

Office Hours
Tu-Th 1:00-3:00 or
By Appointment

Chapters: 6-9

Learning Objective

Students become proficient in techniques of integration and the use of integration to solve real world problems. They also understand the basic properties of convergent series and sequences. In particular the students will:

- Be able to compute areas and volumes
- Be able to solve real world problems involving selected concepts from the physical and life sciences, and economics
- Will master techniques of integration involving substitution, integration by parts, and partial fractions
- Be able to analyze the convergence of infinite series and sequences
- Learn the basics of 3 dimensional space

Assessment of the learning outcomes

will be achieved through one or more activities such as class discussion, board work, short non-graded quizzes, selected non-graded homework, and other optional activities deemed appropriate by the instructor. It is important to note that these assessments are for your learning benefit only and will NOT affect your grade. Class grades will be assigned according to the following rubric:

Grades

| | | |
|---------------------------|--|----------------|
| HomeWork-Paper | 11 assignments - Paper Based - Drop Lowest Due Tuesdays at 5:00 pm (Dates - See Calendar) | 100 pts |
| HomeWork-Web | 11 assignments - WebWork Based - Drop Lowest Due Wednesdays at 11:00 pm (Dates - See Calendar) http://webwork.math.ttu.edu/webwork2/kp05fm1352/ | 100 pts |
| Examinations | 3 mid-term examinations, no make-up examinations Sep 27, Oct 25, Nov 22 | 300 pts |
| Final Exam Comprehensive, | Monday, Dec 12, 10:30 am - 1:00 pm | <u>200</u> pts |
| Total | | 700 pts |

Grading Scale

A...100% - 90% B...89% - 80% C...79% - 70% D...69% - 60% F...59% - 0%

Review Sessions

Thurs. Sep 22, 7:00 pm; Thurs. Oct 20, 7:00 pm; Thurs. Nov 17, 7:00 pm; Thurs. Dec 8, 3:00 pm

Critical Dates

Monday, Oct 24, 2005 - Mid-semester grades due.
Monday, Oct 31, 2005 - Last day to drop a course
Wednesday, Dec 7, 2005 - Last day of classes.
Monday, Dec 12, 2005 - Comprehensive Final Exam (10:30 - 1:00)

Notices

Any student who, because of a disabling condition, may require special arrangements in order to meet the course requirements should contact me as soon as possible so that necessary accommodations can be made.