Core Outcomes: MATH 175 is a core course. Several of the desired outcomes listed in the university’s “Core Philosophy and Goals Statement” will be assessed during the semester. By the end of the course students of this course should have the following competencies:

1. Set up applied integration problems correctly.
2. Apply the techniques of integration correctly to compute an indefinite integral.
3. Apply appropriate convergence test to determine if a given numerical series is convergent or divergent.
4. Use Taylor polynomial approximation and error term analysis to approximate a definite integral with specified accuracy.
5. Write logically correct, complete explanations of mathematical information.

Write clearly: Work should be legible, intelligible and substantiated. Illegible, unintelligible or unsubstantiated work will not earn credit. See the assignment policy for the course.


The course will cover chapters 6 through 9.

Course web-site: http://diamond.boisestate.edu/~liljanab/MATH175Spring09/index.htm. Homework assignments, due dates, exam study guides, tentative schedule and other information will be posted at this web-site.

Office hours: MTW 9:30 a.m. - 10:30 a.m. or by appointment, drop-ins welcome.

Homework: Homework will be assigned and posted on the course webpage. No late homework will be accepted. You should do all the homework problems, but to turn in only specified problems from each assignment. These problems will not be directly graded, but will be looked over for completeness.
Quizzes: Every Thursday there will be a 10 minute quiz at the beginning of class, except the days when the midterm exams are scheduled. It will consist of one problem taken directly from the homework that is due that day. No make-up quizzes will be given. Your lowest three quiz scores will be dropped.

Term exams: There will be three term exams. The dates for these are:
Exam 2: March 12, 2009.
Exam 3: April 9, 2009.
These should be taken when scheduled. Under exceptional circumstances supported by acceptable substantiation given at least a week before the scheduled test, a make-up test can be arranged. However, make-up tests will be more difficult than the regularly scheduled tests.

Final exam: Not taking the final exam will result in failing the course. The final exam cannot be rescheduled. The final exam is not comprehensive. The date for the final exam is May 11, 1:00 p.m. - 3:00 p.m.

Grade scale: Your grade will be based on your performance in homework assignments, quizzes, three semester examinations and a final examination. The percentages for these are as follows:

- Homework: 10%
- Quizzes: 15%
- Term exams: 45%
- Final exam: 30%

The letter grade scale will be as follows:
A - : 90% - 92%; A: 93% - 96%; A+: 97% - 100%
B - : 80% - 82%; B: 83% - 86%; B+: 87% - 89%
C - : 70% - 72%; C: 73% - 76%; C+: 77% - 79%
D - : 60% - 62%; D: 63% - 66%; D+: 67% - 69%
F: Below 59%

Attendance policy: You are responsible for attending the class. You are also responsible for making up any work you may have missed by failing to attend class, even if the absence was approved by the university, necessitated by illness, or necessitated by a personal emergency.

Tutoring: For more information go to http://tutoring.boisestate.edu/mdic.shtml.

Academic Dishonesty: All work (assignments, tests and final examinations) are required to be the student’s own work. The university policy and procedures will be applied to all cases of academic dishonesty that occurs in this class. Please familiarize yourself with the university policy and guidelines about academic dishonesty. The university policy on such activities can be found in sections 18A and 18B of the Student Code of Conduct which can be obtained at http://www.boisestate.edu/osrr/scp/studentcode.html.
Calculator Policy: You are not required to, but you may use your calculator during homework, tests and the final examination to verify that you obtained the correct numerical or symbolic answers. However, you will only receive points for showing correct mathematical steps followed to obtain these answers. Just writing down a correct final answer without showing any correct mathematical steps in obtaining these answers does not qualify for any points.