# CALCULUS III (HONORS) – COURSE INFORMATION
# SPRING 2011

**Instructor:**   John Albert
    *Office:*   PHSC 1004
    *Phone:*   325-3782
    *Office Hours:*  M, W 2:30–3:30, Th 10:30–11:30, or by appointment

**Course Content:** We will cover Chapters 11 through 14 of the course text, which is "Calculus (6th edition)", by J. Stewart (ISBN 0495011606). There are two main goals of the course. The first goal is to review the topics of differentiation and integration covered in Calculus I and II from a different, more unified perspective, namely that of infinite series. This is done in Chapter 12. The second goal is to transition from the calculus of functions of a single variable, studied in Calculus I and II, to the calculus of functions of several variables, studied in Calculus IV. This is done in Chapters 9, 13, and 14.

Information about the course, such as homework assignments and test and quiz dates, will be posted on the course page at D2L (**learn.ou.edu**) and on my web page at
**math.ou.edu/∼jalbert/courses/2433sp11.html** .

**Grading:** The course grade will be made up of the following components:
    • Seven 20-minute quizzes, worth 20 points each. Lowest two scores are dropped. (Possible points: 100)
    • Three 50-minute exams, worth 100 points each; and a two-hour final, worth 200 points. Lowest exam score is dropped; if the lowest percentage score is on the final, then half of the final exam score is dropped. (Possible points: 400)
    • Weekly homework assignments, with roughly ten problems each, and two points possible on each problem. At the end of the semester your final score on the homework is computed by totaling the scores on all the assignments, dropping the lowest score, and converting to a percentage. For example, if there are fourteen assignments, and adding up your thirteen best scores gives you a total 230 out of a possible total of 260, then that is a percentage of 88%, so you will get 88 out of 100 possible homework points. (Possible points: 100)

The total number of possible points on quizzes, exams, and homework is 600. Your final letter grade for the course is determined from your total points as follows. For an A, you need 525 points out of 600; for a B, you need 430; for a C, you need 335; and for a D, you need 240 points. (These numbers are arrived at by using the following scales for letter grades on the homework, quizzes, and exams. On the homework, 80 points is an A, 60 is a B, 40 is a C, and 20 is a D. On the quizzes, 85 points is an A, 70 is a B, 55 is a C, and 40 is a D. On the exams, 90% is an A, 75% is a B, 60% is a C, and 45% is a D.)

**Exams:** The final exam is scheduled for Thursday, May 12 from 10:30 am to 12:30 pm in the regular classroom, Physical Sciences 223. The other exams will be given during regularly scheduled class periods, on the following dates: Friday, Feb. 18; Friday, Mar. 25; and Friday, Apr. 22.

The use of calculators will not be allowed on exams.

**Make-ups:** If you are unable to attend a test because of illness, please call me BEFORE the test begins. If I am not in my office, leave a message for me at the Mathematics Department; the number is 325-6711. I will arrange a make-up exam. Other potential reasons for make-up exams include absences related to other university coursework. These should be discussed with me in advance.

In general, make-ups will not be given for quizzes, and late homework will not be accepted.

**Religious Observances:** It is the policy of the University to excuse absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and additional required class work that may fall on religious holidays.

**Reasonable Accommodation:** The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the professor as early in the semester as possible. Students with disabili-

ties must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405/325–3852 or TDD only 405/325–4173.

**Academic Integrity:** Consult the webpage **http://www.ou.edu/provost/integrity** for a discussion of academic integrity and academic misconduct. For a discussion of faculty and student rights and responsibilities under the University's academic misconduct code, see
**http://www.ou.edu/provost/integrity-rights**.