CALCULUS II – COURSE INFORMATION

SUMMER 2010

Instructor: Houssein El Turkey

Office: PHSC 1001

Email: Houssein@ou.edu

Office hours: Monday 10.30-11.30; Thursday 10.30-11.30; or by appointment.

Mathematics Help Center: The Mathematics Department maintains a help center staffed by graduate teaching assistants to provide students with extra help in their lower division mathematics courses (including our course, MATH 2423). The Help Center is located on the 4th floor of the Physical Sciences Center, directly across the hall from the Mathematics Department's Office (Room 423 PHSC), and is open weekdays during the following hours: 10 am until 3 pm.

Prerequisites: MATH 1823 or its equivalent.

Course Content: We will cover chapters 5 through 9 of the course text, which is “Calculus (6th ed) by James Stewart, Brooks/Cole, 2008, ISBN 0-495-01160-6”. We will discuss the concept of integration, learn how to compute integrals, and see examples of what integrals can be used for. We will also introduce the calculus of exponential and logarithmic functions.

Information about the course, such as homework assignments and test and quiz dates, will be posted on my website at www.math.ou.edu/~elturkey. Solutions to quizzes and exams will be posted on Desire2Learn website.

Grading: The course grade will be made up of the following components:

- Four 20-minute quizzes, worth 20 points each (possible points: 80)
- Eight homework assignments, worth 10 points each. (possible points: 80)
- Three 1-hour exams, worth 100 points each. (possible points: 300)
- Final exam, worth 140 points. The final exam is comprehensive

The total number of points is 600. For an A, you need 525 points; for a B, you need 430; for a C, you need 335; for a D, you need 240 points.

Exams: The final exam is scheduled for Monday, August 2nd in the regular class period. It will be one hour exam. The quizzes will be given on Fridays: June 11th, June 25th, July 9th, and July 23rd. The 1-hour exams are scheduled for Fridays: June 18th, July 2nd, and July 16th.

Calculators: The use of calculators will not be allowed on exams and quizzes. However, you are allowed to use any kind of calculator or software to do your homework assignments.
Homeworks: Late homeworks will not be accepted. The homework assignments will be due on Tuesdays of every week at the beginning of the class except for the first one which will be due on Wednesday of the first week.

Attendance: Class attendance will be monitored. I take attendance in class for my own records, but attendance does not count for or against your grade, with one exception: if your score puts you slightly below the cutoff level for a letter grade, your attendance record may give you a boost. I consider a good attendance record to be one with four absences or less. Be advised that you are fully responsible for the material covered in each class, even if you miss class for a good and justifiable reason.

Make-ups: You are also required to attend class on those days when an examination is being given. Make-ups for missed exams will be given only if there is a compelling reason for the absence, of which I am given prior notice (please send me an email BEFORE the test begins or leave a message for me at the Mathematics Department; the number is 325-6711) and can document independently of your testimony (for example, via a note from a doctor, parent, or clergyman). I am very strict about approving make-ups, so don't expect a make-up for a missed exam unless you have a compelling excuse that meets the above conditions (especially the "prior notice" part). Except in the most unusual circumstances, I require make-ups, if approved, to be taken within seven (7) calendar days of the date of the missed exam. A missed exam that is not made up is recorded as a zero.

Some Important Dates:
i. Last day to withdraw with an automatic W: Friday, June 25, 2010.
ii. Last day to withdraw with a W/F without petition: Monday, July 12th, 2010.

Note: All exams will be given in our classroom PHSC 416. Since our class meets somewhat early (9:20AM) you should take extra care to be sure you make it to class on time, especially on days on which an exam is scheduled. If you show up to class late on an exam day, then I will allow you to work on the exam for whatever time is remaining during the normally scheduled class period, but I will not give you any extra time to work on the exam unless you can convince me that your tardiness is due to a compelling circumstance that is beyond your control. Be advised that I do not consider oversleeping to constitute a "compelling" circumstance.

Policy on W/I Grades: These grades are frequently misunderstood by students, so please read this section carefully. Through Friday, June 25, you can withdraw from the course with an automatic W. In addition, it is my policy to give any student a W grade, regardless of his/her performance in the course, through the extended drop period that ends on July 12th. However, after July 12th, you can only drop via petition to the Dean of your college. Such petitions are not often granted. Furthermore, even if the petition is granted, I will give you a grade of "Withdrawn Failing" if you are indeed failing at the time of your petition. Thus it is in your own best interest to drop the course on or before July 12th if you think there is a reasonable chance that you will not want to see the course through to the end. The grade of I (Incomplete) is not intended to serve as a benign substitute for the grade of F. I will only give an Incomplete if a
student has completed the majority of the work in the course (for example everything except the final exam), the course work cannot be completed because of compelling and verifiable problem beyond the student's control, and the student expresses a clear intention of making up the missed work as soon as possible. Note also that the Mathematics Department requires that instructors and students execute and sign a written Incomplete Contract before a grade of Incomplete can be given.

**Reasonable Accommodation:** Here is the university’s policy on accommodation of students with disabilities:

*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 disabilities 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 404-325-4173.*

**Academic Integrity:** All cases of suspected academic misconduct will be referred to the Dean of the College of Arts and Sciences for prosecution under the University's Academic Misconduct Code. The penalties can be quite severe. Consult the webpage [http://www.ou.edu/provost/integrity](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](http://www.ou.edu/provost/integrity-rights).

**Advice:**
1. Attend class.
2. Read the textbook and your lecture notes ahead of the lectures.
3. Set aside weekly blocks of time to attend to homework and review of lecture notes.
4. It's okay to work on homework with an informal study group, but don't rely excessively on your colleagues or a tutor to help you through the solutions to homework problems. They can't help you on the tests and that's where your own understanding is absolutely essential for your success. Also keep in mind that simply *copying* the solution of any assigned homework problem from a colleague's paper constitutes academic misconduct and will be treated accordingly.
5. The assigned homework represents the *minimum* number of problems that you should work to gain an understanding of the course material. When you're finished with the assigned problems, work on as many additional problems as your time and energy permit.
6. If you're having a problem with the course (don't understand a specific topic, don't understand any topic, need advice about whether or not to drop, etc.), deal with it sooner rather than later. Make use of my office hours, and the Mathematics Department's Help Center if you feel that you need extra help with the course material.