MATH 1272
Calculus II
Fall 2014

Lecturer: Adil Ali
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Office: 550 Vincent Hall
Office hours: MWF: 10:10-11:00 in 550 Vincent Hall
Lecture: M-F 9:05-9:55, Anderson Hall 210

Credits: 4

Text: Stewart, Calculus, early transcendentals, 7th ed.

Goals: We will cover chapters 7 through 14 of the textbook. The aim of the class is to familiarize students with sophisticated integration techniques, the basics of differential equations, conic sections, and sequences and series. Many of these ideas—especially differential equations—are ubiquitous throughout the sciences and provide models for understanding various physical phenomenon.

Grading:
25% Quizzes (see description below)
45% Three fifty-minute in-class exams (tentative dates 9/25, 10/23, 11/20)
30% Final exam, Friday, December 12, 1:30-4:30, location TBA.

No books, notes, or calculators allowed on exams.

Homework: Suggested homework will be assigned weekly. You will not be required to turn this homework in, but it is strongly suggested that you complete and understand these problems because similar problems will appear on both the quizzes and the exams.

Quizzes: There will be a quiz every week on Thursday. These quizzes will cover the material from the suggested homework list. At the end of the semester your two lowest quiz scores will be dropped.

Make-up work: Make-up exams and quizzes will be given ONLY for University approved absences (For a list of these approved absences please visit: http://policy.umn.edu/Policies/Education/Education/MAKEUPWORK.html).

Use of Personal Electronic Devices in the Classroom: The use of cell phones and other personal devices are not allowed in lecture. I expect cell phones to be turned off and put away BEFORE lecture begins.

Sexual Harassment: "Sexual harassment" means unwelcome sexual advances, requests for sexual favors, and/or other verbal or physical conduct of a sexual nature. Such conduct has the purpose or effect of unreasonably interfering with an individual’s work or academic performance or creating an intimidating, hostile, or offensive working or academic environment in any University activity or program. Such behavior is not acceptable in the University
setting. For additional information, please consult Board of Regents Policy: http://www1.umn.edu/regents/policies/humanresources/SexHarassment.html

**Equity, Diversity, Equal Opportunity, and Affirmative Action:** The University will provide equal access to and opportunity in its programs and facilities, without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. For more information, please consult Board of Regents Policy: http://www1.umn.edu/regents/policies/administrative/Equity_Diversity_EQO-AA.html.

**Disability Accommodations:** The University is committed to providing quality education to all students regardless of ability. Determining appropriate disability accommodations is a collaborative process. You as a student must register with Disability Services and provide documentation of your disability. The course instructor must provide information regarding a course’s content, methods, and essential components. The combination of this information will be used by Disability Services to determine appropriate accommodations for a particular student in a particular course. For more information, please reference Disability Services: http://ds.umn.edu/student−services.html.

**Mental Health and Stress Management:** As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance and may reduce your ability to participate in daily activities. University of Minnesota services are available to assist you. You can learn more about the broad range of confidential mental health services available on campus via the Student Mental Health Website: http://www.mentalhealth.umn.edu.

**Academic Freedom and Responsibility:** Academic freedom is a cornerstone of the University. Within the scope and content of the course as defined by the instructor, it includes the freedom to discuss relevant matters in the classroom. Along with this freedom comes responsibility. Students are encouraged to develop the capacity for critical judgement and to engage in a sustained and independent search for truth. Students are free to take reasoned exception to the views offered in any course of study and to reserve judgement about matters of opinion, but they are responsible for learning the content of any course of study for which they are enrolled.*  

Reports of concerns about academic freedom are taken seriously, and there are individuals and offices available for help. Contact the instructor, the Department Chair, your adviser, the associate dean of the college, or the Vice Provost for Faculty and Academic Affairs in the Office of the Provost. [Customize with names and contact information as appropriate for the course/college/campus.]  

* Language adapted from the American Association of University Professors "Joint Statement on Rights and Freedoms of Students".