The University of Iowa  
College of Liberal Arts and Sciences  
Department of Mathematics  
DEO: Yi Li, 14 MacLean Hall  

22M:026:DDD Calculus II

Instructor: Rodica Curtu  
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http://www.math.uiowa.edu/~rcurtu/  

Teaching Assistant: Each student has been assigned to a discussion session on Tuesday and Thursday with the instructor Garrett Jones (gines@iowa.uiowa.edu)  
22M:026:D07 T, Th 8:30 – 9:20 AM (117 MH)  
22M:026:D08 T, Th 9:30 – 10:20 AM (137 SH)  
The teaching assistant has Math Lab hours as well as regular office hours (TBA). You are encouraged to attend both with questions and/or comments.


Additional resources:  
The MATHEMATICS TUTORIAL LAB (314 MLH) is a free drop-in tutorial service. You are urged to make use of this service.

Grading policy:  
Plus/minus grades will be used in the course grading system. Please note that grade A+ is very rarely given in this course and only in extraordinary situations.

<table>
<thead>
<tr>
<th></th>
<th>A range</th>
<th>B range</th>
<th>C range</th>
<th>D range</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(A, A-)</td>
<td>(B+, B, B-)</td>
<td>(C+, C, C-)</td>
<td>(D+, D, D-)</td>
<td>&lt; 55%</td>
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<tr>
<td></td>
<td>≥ 90%</td>
<td>≥ 80%</td>
<td>≥ 65%</td>
<td>≥ 55%</td>
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Considerable improvement of work during the semester will be taken into account. Your grade will be calculated as follows:

<table>
<thead>
<tr>
<th>Homework</th>
<th>25%</th>
<th>Quizzes</th>
<th>15%</th>
<th>Exam 1</th>
<th>20%</th>
<th>Exam 2</th>
<th>20%</th>
<th>Final Exam</th>
<th>20%</th>
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Calendar of course assignments and exams:

- Exam 1 (in class): Wed Sept 30th
- Exam 2 (in class): Mon Nov 9th
- Final Exam (in class): Mon Dec 14th (2:15 - 4:15 PM)

Homework will be due in class Monday and Thursday. Homework from material covered on Monday is due on Thursday, and homework from material covered on Wednesday and Friday is due on the following Monday. Quizzes will be given during the discussion sessions (see your teaching assistant for more information). Your 3 lowest homework scores and your 2 quiz lowest scores will be dropped.

Course Description/ Goals and objectives:

- This course covers techniques of integration in depth, applications of integration (to geometry, biology, physics and economics), basic differential equations and applications (to biology, ecology and economics), parametric equations and polar coordinates, sequences and series. At the end of the course, you will be able to perform the kinds of calculations outlined above. In addition, you will be able to explain what the core concepts of the course mean and how they arise in the real world.

Schedule of topics:

- We will cover chapters 7, 8, 9, 10 and 11 in Stewart’s book. A tentative schedule of topics is the following: chapters 7 and 8 (by Sept 30th); chapters 9 and 10 (by Nov 9th); chapter 11 (by the end of the semester). This course plan may be modified during semester. Such modifications will be announced in advance during class periods; the student is responsible for keeping abreast of such changes. You should read all sections/handouts corresponding to covered material and/or assignments. There may be test questions related to this reading even if not covered in class.
Course policies:
1) Information about the material covered in class, assignments and grades will be posted in ICON. You are urged to use ICON for this course.
2) No late homework will be accepted.
3) Missed quizzes may not be made up.
4) For homework, quizzes and exams: in order to receive credit ALL WORK MUST BE SHOWN. No work shown means zero credit received (even if your answer is correct).
5) You are required to bring identification to all exams. (Graphing) Calculators are NOT allowed during exams.
6) You are required to pick up your exams and homework and keep them until the end of the semester.
7) Any mistake in grading must be reported WITHIN ONE WEEK from when the homework or exam has been handed back to the class (whether or not you picked it up).

Attendance:
1) Attendance is mandatory and missing classes could lower your grade. You are responsible for material covered in class and announcements made during class (these may include changes in the syllabus).
2) Absences from exams will require a compelling reason and must be arranged with your instructor in advance.
3) All cell phones must be turned off during lecture and exams.

Student Classroom Behavior: The ability to learn is lessened when students engage in inappropriate classroom behavior, distracting others; such behaviors are a violation of the Code of Student Life. When disruptive activity occurs, a University instructor has the authority to determine classroom seating patterns and to request that a student exit immediately for the remainder of the period. One-day suspensions are reported to appropriate departmental, collegiate, and Student Services personnel (Office of the Vice President for Student Services and Dean of Students).

Note:
I would like to hear from anyone who has a disability which may require seating modifications or testing accommodations or other class requirements so that appropriate arrangements may be made. Please contact me during my office hours.

Administrative Home: The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall or see the CLAS Academic Handbook [www.clas.uiowa.edu/students/academic_handbook/index.shtml]

Electronic Communication: University policy specifies that students are responsible for all official correspondences sent to their standard University of Iowa e-mail address (@uiowa.edu). Students should check their account frequently. (Operations Manual, III.II.15. 2. k.11.)

Academic Fraud: Plagiarism and any other activities when students present work that is not their own are academic fraud and are considered by the College to be a very serious matter. Academic fraud is reported by the instructor to the departmental DEO who enforces the departmental consequences. The Associate Dean for Undergraduate Programs and Curriculum is also informed. The Associate Dean enforces collegiate consequences which may include suspension or expulsion. See the CLAS Academic Handbook.

Making a Suggestion or Complaint: Students with a suggestion or complaint should first visit the instructor, then the course supervisor and the departmental DEO. Complaints must be made within six months of the incident. See the CLAS Academic Handbook.

Accommodations for Disabilities:
A student seeking academic accommodations should register with Student Disability Services and meet privately with the course instructor to make particular arrangements. For more information, visit www.uiowa.edu/~sds/

Understanding Sexual Harassment: Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Comprehensive Guide on Sexual Harassment at www.uiowa.edu/~eod/policies/sexual-harassment-guide/index.html for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather: In severe weather, the class members should seek shelter in the innermost part of the building, if possible at the lowest level, staying clear of windows and free-standing expanses. The class will continue if possible when the event is over. (Operations Manual, IV. 16.14. Scroll down to sections e and i for severe weather information.)

Resources for Students: Writing Center: http://www.uiowa.edu/~writingc/
Speaking Center: http://www.uiowa.edu/~rhetoric/centers/speaking.html

*The CLAS policy statements have been summarized from the web pages of the College of Liberal Arts and Sciences.