Math 1297: Calculus II
Syllabus – Fall 2017

Instructor: Kate Niedzielski
Office: Solon Campus Center 74
Web Page: http://www.d.umn.edu/~jedli008
E-mail: jedli008@d.umn.edu
Phone: 726-7852

Office Hours: Monday 10:00-11:00
Tuesday 1:00-1:50
Wednesday 1:00-2:00
Thursday 1:00-2:00
Friday 11:00-11:50 or by appointment

GTA:
Zhuo Chen
Email: chen5233@d.umn.edu
Office: SCC 152
Office Hours: Mon 10-11, Wed 10-11, Thur 3-4

Blaise Beavogui
Email: beavo001@d.umn.edu
Office: SCC 174
Office Hours: Tue 9:45-10:45, Wed 10:45-11:45, Thur 3-4

Meeting Times:
Lecture Section 1: MWF 12:00-12:50 pm in MonH 80
Discussions: T/Th
Sec 2 9am MonH 80
Sec 3 10am HH 306
Sec 4 11am EduE 40
Sec 5 12pm SSB 216
Sec 6 1pm EduE 32
Sec 7 2pm Chem 251

Prerequisites: A grade of at least C- in MATH 1290 or 1296 or 1596 or department consent; credit will not be granted if credit has been received for MATH 1597.

Text: Calculus: Early Transcendentals, 8th ed. by Stewart, James

Course Content: This course covers the second part of a standard introduction to calculus. It includes discussion of parametric equations and polar coordinates, applications of integrals, series, and partial derivatives. This course satisfies Part 1c (Language and Reasoning Skills – Logic and Quantitative Reasoning) of the Liberal Education Core

Student Learning Outcomes (for courses in the Logic and Quantitative Reasoning Category):
1. Students will appropriately translate problems to symbolic systems.
2. Students will apply mathematical or logical reasoning to identify potential solutions.
3. Students will evaluate whether mathematical or logical reasoning and conclusions are valid.

Calculators: A calculator may be useful at times. However, any calculator that is capable of symbolic manipulation will not be allowed. This includes the TI-89 and TI-Nspire with CAS. See the instructor if you are unsure if your calculator is acceptable. You must show your work (thought process) for all problems, thus answers arrived at by calculator alone will be granted very few, if any, points. The instructor may limit the use of a calculator (or just a graphing calculator) on some or all quizzes and exams. Sharing a calculator during a quiz or an exam will be considered cheating and result in an immediate zero. A cell phone may not be used as a calculator during quizzes or exams.

Cell Phones: Cellular telephones and other communication devices are prohibited during quizzes and exams. Having any communicating device out during an exam will be considered cheating and result in an immediate zero. Also note, it is discourteous and a distraction to have ringing phones during class time. If you do not turn off your ringer you may be asked to leave the room.

Homework: Homework problems and due dates will be posted on my website. Homework will typically be due by 4:00 pm on Thursdays unless otherwise notified. Homework should be turned in to your GTA or slid under his/her office door unless special arrangements have been made in advance. Homework must conform to the “HOMEWORK GUIDELINES”. Your solutions must show your thought process, not just the answer. Answers without supporting work will not receive full credit. Cooperation on assignments is encouraged, but copied assignments will not be tolerated and will receive a score of zero. You may not use any source that has the solutions to the assigned even-numbered exercises. The lowest homework score will be dropped at the end of the semester. Late homework will not be accepted.
WebAssign: Online homework (WebAssign) will be assigned periodically throughout the semester. Online homework will typically be before class time. You are required to have access to a reliable internet connection during the semester in order to do this homework. The basic access student computer labs on campus can be found at http://www.d.umn.edu/itss/labs/. At the end of the semester, the lowest online homework score will be dropped. The online homework can be found at http://www.webassign.net/.

Quizzes: Quizzes will be given during class on most Tuesdays. The quizzes will typically cover the same material as the homework that was turned in the previous Thursday. The lowest quiz score will be dropped at the end of the semester. If you have a documented illness or University excused absence, a quiz may be made up if prior arrangements are made with your GTA. Quizzes will follow a format in which you will take an individual portion for 15 to 20 minutes and then work on a group quiz for the remainder of the class period. The individual and group portions of the quiz will be combined to make your total quiz score (20 points).

Exams: There will be four exams and one final given during the semester. Makeup exams are only allowed for a documented illness or University excused absence if prior arrangements have been made with the instructor. Unless it is not possible, you must provide notice ahead of time to your instructor for the absence. Oversleeping, poor preparation, slight colds, and cold weather are not valid excuses. Arrangements for a makeup should be made as soon as you know you will miss. Do not wait for the next class.

Tentative Dates: Exam 1: Friday, September 22
Exam 2: Friday, October 13
Exam 3: Friday, November 10
Exam 4: Friday, December 1

Final Exam: Friday, December 15 from 12:00-1:55 pm

Grading: |
<table>
<thead>
<tr>
<th>Category</th>
<th>Online Homework</th>
<th>Written Homework</th>
<th>Quizzes</th>
<th>4 Exams at 11.25% each</th>
<th>Final Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of Final Grade</td>
<td>8%</td>
<td>12%</td>
<td>15%</td>
<td>45%</td>
<td>20%</td>
</tr>
<tr>
<td>Learning Outcomes</td>
<td>1,2,3</td>
<td>1,2,3</td>
<td>1,2,3</td>
<td>1,2,3</td>
<td>1,2,3</td>
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If you have questions about any of the grading, please arrange to talk with me about it within a week of its return. I will use eGradebook to keep track of your scores. There is a link on my website. Please let me know as soon as possible if you find an error. (A zero may mean that the score hasn’t been recorded yet. So, wait a day and check again.) Keep all homework, quizzes, and exams as proof of your scores.

Grading Scale: 93-100% A 83-86% B 73-76% C 60-66% D
90-92% A- 80-82% B- 70-72% C- Below 60% F
87-89% B+ 77-79% C+ 67-69% D+

Student Conduct Code: Appropriate classroom conduct promotes an environment of academic achievement and integrity. Disruptive classroom behavior that substantially or repeatedly interrupts either the instructor's ability to teach, or student learning, is prohibited. This includes the use of cell phones, playing games on electronic devices, etc. Students are expected adhere to Board of Regents Policy: Student Conduct Code. For more information, please see http://www.d.umn.edu/conduct

Teaching & Learning: Instructor and Student Responsibilities: UMD is committed to providing a positive, safe, and inclusive place for all who study and work here. Instructors and students have mutual responsibility to insure that the environment in all of these settings supports teaching and learning, is respectful of the rights and freedoms of all members, and promotes a civil and open exchange of ideas. Reference the full policy at http://d.umn.edu/academic-affairs/academic-policies/classroom-policies/instructor-and-student-responsibilities

Student Academic Integrity Policy: Academic dishonesty tarnishes UMD’s reputation and discredits the accomplishments of students. Academic dishonesty is regarded as a serious offense by all members of the academic community. UMD’s Student Academic Integrity Policy can be found at http://www.d.umn.edu/conduct/integrity/ Any cheating is taken seriously and will be dealt with appropriately!
Final Exams: All 1xxx-5xxx courses offered for undergraduate credit should include a final graded component or end of term evaluation that assesses the level of student achievement of one or more course objectives. All final graded components are to be administered or due at the time and place according to the final exam schedule and not during the last week of class. Reference the full policy [http://www.d.umn.edu/vcaa/FinalExams.html](http://www.d.umn.edu/vcaa/FinalExams.html)

Excused Absences: Students are expected to attend all scheduled class meetings. It is the responsibility of students to plan their schedules to avoid excessive conflict with course requirements. However, there are legitimate and verifiable circumstances that lead to excused student absence from the classroom. These are subpoenas, jury duty, military duty, religious observances, illness, bereavement for immediate family, and NCAA varsity intercollegiate athletics. Find complete information at [http://d.umn.edu/academic-affairs/academic-policies/classroom-policies/excused-absences](http://d.umn.edu/academic-affairs/academic-policies/classroom-policies/excused-absences)

Appropriate Student Use of Class Notes and Course Materials: Taking notes is a means of recording information but more importantly of personally absorbing and integrating the educational experience. However, broadly disseminating class notes beyond the classroom community or accepting compensation for taking and distributing classroom notes undermines instructor interests in their intellectual work product while not substantially furthering instructor and student interests in effective learning. Find additional information at [http://d.umn.edu/academic-affairs/academic-policies/classroom-policies/course-notes-and-materials](http://d.umn.edu/academic-affairs/academic-policies/classroom-policies/course-notes-and-materials)

Mental Health Issue: 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, homesickness, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student’s ability to participate in daily activities. University of Minnesota Duluth services are available to assist you with addressing these and other concerns you may be experiencing. You can learn more about the broad range of confidential mental health services available on campus via the UMD Health Service Counseling website at [http://www.d.umn.edu/hlthserv/counseling/](http://www.d.umn.edu/hlthserv/counseling/)

Students with Disabilities: It is the policy and practice of the University of Minnesota Duluth to create inclusive learning environments for all students, including students with disabilities. If there are aspects of this course that result in barriers to your inclusion or your ability to meet course requirements – such as time limited exams, inaccessible web content, or the use of non-captioned videos – please notify the instructor as soon as possible. You are also encouraged to contact the Office of Disability Resources to discuss and arrange reasonable accommodations. Please call 218-726-6130 or visit the DR website at [www.d.umn.edu/access](http://www.d.umn.edu/access) for more information.