Math 3298 – Calculus III  
Spring 2016

Instructor: Chad M. Pierson  
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Email: cpierso1@d.umn.edu  
Phone: 726-8137
Web Page: http://www.d.umn.edu/~cpierso1

Office Hours: Mon. 2- 3 pm, Tues. 1-1:50 pm, Wed. 10-11 am, Thurs. 12-2 pm. – or by appointment

Class Times:  
Section 001 (lec) --M T W F---8-8:50am SCC 21, Section 002 (lab) ---Th --- 8-8:50am KPlz 143  
Section 003 (lec) --M T W F---9-9:50am SCC 21, Section 004 (lab) ---Th --- 9-9:50am KPlz 143

Text: Calculus, 7th Ed Early Transcendentals; by James Stewart. Chapters 12, 13, 14, 15, 16

Content: This is the third part of a standard introduction to calculus. Conic sections, vectors and vector-valued functions, partial derivatives, multiple integrals, vector fields, Green’s and Stokes’ Theorem.

Homework: Homework problems will be assigned at the end of every section and available on the course webpage. Your homework should be thoughtfully and thoroughly completed and reflect what you know. You are encouraged to reach that understanding through discussion with other students or instructor, but the final product must be your own. Late homework will not be accepted. You are expected to follow the homework guidelines on the course web page.

Quizzes: There will be two scheduled quizzes during the semester to assist in evaluating your progress. The quizzes may cover any topic from previous homework, the text or lectures. No makeup quizzes will be allowed unless prior arrangements are made between the student and the instructor. The quizzes are tentatively scheduled for weeks 4 and 10.

Labs: The weekly lab component will consist of assignments using the computer software package Mathematica. Joseph Kell (email at kellx020@d.umn.edu) is the GTA for this course and will be available for help during the lab hour and office hours. Labs will be due to the TA by the end of the next lab period.

Exams: There will be two midterm exams during the semester. They may cover any topic from previous homework, the text, quizzes or lectures. They are tentatively set for:  
Wednesday, February 24th  
Wednesday, April 13th
The exams will be held during our regular class time. The exam dates will be announced again during the semester. No makeup exams will be allowed unless prior arrangements are made between the student and the instructor.

Final: There will be a cumulative final exam during week 16. The Final exam for section 001 is scheduled to be on Thursday, May 5th from 4-5:55 pm. The Final exam for section 003 is scheduled to be on Monday, May 2nd from 8-9:55 am.

Calculators: Calculators are not required for the successful completion of this course. I may use a calculator from time to time to illustrate an example however, I will not teach to the calculators specifically. Be aware that I will limit the use of some calculators with symbolic capabilities and I may restrict the use of all calculators on some exams and quizzes. Ask me if you have questions about your calculator.
Grading:  
Homework 20%  
Labs 10%  
Quizzes 15%  
Midterm Exams (2) 30%  
Final Exam 25%  
Total 100%

Grading Scale:  
90-100 A  
80-89 B This scale may be lowered  
70-79 C at the end of the semester.  
60-69 D

Current grades can be checked online at www.d.umn.edu/egradebook

Policies: All students at the UMD must be in compliance with the student conduct code in the policies and procedures section of the 2014-2015 University Catalog, specifically in this course with regards to scholastic dishonesty. Academic integrity is of utmost importance and all procedures and sanctions will be followed as per the university catalog.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status or sexual orientation.

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.

Special Needs: Individuals who have a disability, either permanent or temporary, which might affect their performance in this course, are encouraged to inform me at the beginning of the semester. Adaptation of methods, materials or testing may be arranged in order to meet your needs.

My Schedule: If you need to see me outside of class or an office hour please feel free to schedule an appointment.

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<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tr>
<td>8:00am</td>
<td>Math 3298 -001– Calculus III</td>
<td>SCC 21</td>
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<td>9:00</td>
<td>Math 3298 -003– Calculus III</td>
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<td>12:00pm</td>
<td>Math 1296-008</td>
<td>Calculus I</td>
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