Math 1271, Calculus I, Fall, 2019

Last updated, October 3, 2019

Class meets:

Lecture 20: M,W,F 09:05 AM - 09:55 AM Willey Hall 125;
Lecture 50: M,W,F 02:30 PM - 03:20 PM Fraser Hall 102.

Instructor: Dr. Shiwen Zhang
Office: Vincent Hall 531
Office hours: Mon 1 – 2pm, 4 – 5pm
or by appointment.

Class Web page: http://www-users.math.umn.edu/~zhan7294/F19/1271.html

Prerequisites: A sufficient score on the calculus readiness test, or a grade of C- or better in MATH 1151, or 1155, or their equivalent.

Textbook: Calculus: Early Transcendentals - Vol 1, Custom, 8th W/calc Card. Author: Stewart. ISBN: 9781337054720. We will cover from Chapter 2 through Chapter 6.

Quizzes: Update: From Oct 17th (quiz 5) on, quizzes will be moved to Thu discussion. There will be a 10-15 minutes quiz most weeks during discussion section (usually on Tuesday). There will be 2-3 problems based on suggested homework problems of the previous week in each quiz. Quizzes will begin during the second week of classes. There will be totally around 10 quizzes. Two lowest scores will be dropped. NO MAKE-UP for quizzes in general. Missed quizzes will count as 0 points. Only under rare circumstances (such as illness with a doctor’s written excuse) will a make-up quiz be given.

Suggested homework: Homework will be assigned in lecture. Although it will not be collected, it is highly recommended that you do it in order to do well in this course. Over 80% of the quiz and exam problems will be highly related to the suggested homework.

Exams: There will be THREE NON-ACCUMULATIVE midterm exams. These are tentatively scheduled on Thursdays, October 3, October 31 and November 21 in discussion session (50 minutes). There is also an ACCUMULATIVE FINAL on Friday, December 13, 12:00 - 03:00pm, room to be announced. This final will be common across all Math 1271 sections. More Final Exam Information can be found at https://math.umn.edu/undergraduate-studies/exam-information

Make up exams: Will be allowed only under truly exceptional circumstances. You must notify the lecturer instructor, not the TA, at least a week in advance.

Calculators: Only basic scientific calculators are allowed on exams and quizzes. These are inexpensive, can evaluate trigonometric, exponential and logarithmic functions, have one-line displays and cannot display graphs, perform symbolic manipulations or store text in memory. Cell phones and internet connected devices are not allowed on exams and quizzes.

Grading Policy: Quizzes: 25%; Midterms: 45% (15% each); Final: 30%. The final grade distribution for each discussion section will be determined by its students' performance on the final exam. An individual student’s final grade within that distribution depends on his or her total score. Earning 90%, 80%, and 70% of the total score will result in final grades in the A, B, and C ranges, respectively.

Attendance, Dishonesty & Other policies: You are responsible for everything presented in class meetings. Don’t miss exams. See UMN policy on academic dishonesty, equal opportunity, disability accommodations, mental health resources at https://policy.umn.edu/education/syllabusrequirements-appa

Additional resources:

• Undergraduate Studies in Mathematics: https://math.umn.edu/undergraduate
• Dates and Deadlines: https://onestop.umn.edu/dates-and-deadlines
• Disability Resource Center: https://disability.umn.edu
• Student Mental Health: http://www.mentalhealth.umn.edu/

Key to Success: Do homework problems as many as possible. Mathematics is learned by doing problems. You are encouraged to work with friends on the homework problems.