
MATH 264 : CALCULUS III – SUMMER 2018

TEXTBOOK : Stewart, J., *Calculus*, 7th edition, with Webassign and E-Book access.
MATLAB or graphing calculator needed in some homework.
No calculator on exams.

CONTENTS : Chapters 12-16: scalar functions of several variables, vector-valued functions of 1 or more variables; partial derivatives; integrals in 2-D, 3-D; line integrals; curl, divergence, Green's Theorem.

COURSE WEBSITE : <http://www.math.unm.edu/nitsche/courses/264/web>

GRADING : Your total course grade is obtained from your percentage grade out of the following:

Three in-class exams:	100 pts each	
Daily Quizzes:	150 pts	(count 30 of all quizzes given)
Final Exam:	200 pts	On saturday 7/28, 10am-12pm !!
<hr/>		
Total :	650 pts	

Note on Ws: If you withdraw after the 3rd week of class, you will receive a W. If you do not withdraw, you will receive a letter grade of A,B,C,D or F (and not a W).

HOMEWORK, QUIZZES, EXAMS: Your homework is your most important effort in this class; homework is how you actually learn the material that will be on the quizzes and exams. Expect to do about 3 hours of homework for every day of class. Homework consists of Level 1, Level 2, and Mixed Review problems.

Each day you will have a quiz on the homework from the previous day, so come prepared! and ask questions in class on anything you need to have clarified about the homework. The daily quizzes will be *similar, not necessarily identical* to the homework. *The first quiz will be given on the first day of classes - on background material.*

MAKEUP EXAMS/QUIZZES: No makeup exams or quizzes will be given unless you contact your instructor ahead of time with a documented "university authorized absence" (illness, family emergency, active participation in scholarly or athletic events).

GRADING GUIDELINES: To get full credit on exams, quizzes, *you need to show your work, neatly, in clear and correct mathematical notation, annotated* by English sentences where appropriate. You will be graded based on the work shown, not on the answer.

CALCULATORS: Graphing calculators and other technology (eg, MATLAB) can be used effectively to illustrate many basic concepts and promote understanding. However, you must master basic algebraic and graphing skills without a calculator. To promote these skills, we will not use any (graphing or non-graphing) calculators on exams or quizzes.

ATTENDANCE : Attendance is mandatory. If you have three or more unexcused absences your instructor may drop you from the class. However, you are ultimately responsible for dropping your class if you cannot attend.

RESOURCES to help you succeed:

- **Your Instructor:** If you cannot make office hours, please email to make appointment.
- **CAPS:** see <http://caps.unm.edu/subjects/math>
- **CATS:** Counseling and Therapy Services (Student Health Center, 277-4537) can help with exam anxiety.

STUDENT BEHAVIOUR : Be courteous and respectful towards the class: be on time for lectures, turn off cell-phones and refrain from talking in class, leaving class in the middle of lecture or doing any other activity that could be disruptive to the class. If you need to leave early or arrive late, please inform your instructor and sit near the door. Cheating is not be tolerated.

DISABILITY STATEMENT: Students with documented disabilities must inform their instructor of their particular needs during the first two weeks of the semester.