Prerequisites: C or better in both Precalculus (Math 150) and Trigonometry (Math 123).

Required Materials:
Text: Thomas’ Calculus 13th ed. by Weir & Hass—big, expensive, but good all the way thru Calc III at UNM-VC.
Calculator: A scientific graphing calculator is required, and will be useful on homework, in class, and on tests.

Student Learning Objectives (SLO’s): By the end of the course, the student should be able to explain and solve problems involving at least the following: (1)Limits; (2)the Derivative; (3)the derivative considered as a rate of change; (4)finding local extrema of functions and (5)optimization problems; (6)anti-derivatives ("integrals"); (7)differential equations solvable by integration; (8)estimating changes with differentials; (9)estimation with finite sums; (10)the fundamental theorem of calculus; (11) definite integrals; (12)finding the area between two curves

Academic Dishonesty, as defined in the UNM-VC catalog, includes copying work from other students. Anyone doing this on tests is subject to disciplinary action, ranging from “a reduced or failing grade for the work in question and/or the course” to “dismissal from the University”.

Disruptive Behavior is any behavior which interferes with other students’ learning &/or with the instructor’s ability to guide that learning. Examples include repeated loud talking/laughing/chatting with your buddy which require repeated warnings from the instructor, or derisive/ridiculing comments toward well-meaning students or the instructor (the quickest way to get expelled from the class). Keep your motives constructive, and it’ll be a good educational experience.

Cell phones and similar devices: OFF at all times in the classroom. No text messaging while class is in session.

Children in Class: Children are not permitted in class due to liability concerns.

Disabilities: Should you have a disability requiring special accommodation, please bring the instructor appropriate documentation from Equal Access Services.

Attendance: After 4 unexcused absences, the student may be dropped from the course without further notice.

Makeup Work: Tests: There are no makeup tests, except in verified emergencies—in such cases, expect a maximum score of 80%.
(Early tests, on the other hand, Might can be arranged without penalty.)

Late Homework: 1 day late, -50%. 2 days late, zero credit.

Final Exam Minimum: 65%. Less will result in automatic course grade of D or lower, regardless of other test or homework scores.

Grading Max possible points
Homework 100
4 tests 400
Drop lowest one of tests or homework: -100
Final Exam* (not dropped, comprehensive) 150 *Again: You must make 65% min, for course grade > D.
550 Max poss course total

Let total course score = x:
532 \leq x \leq 550 \quad A+ \quad (unless a test is missed or hmwk score < 50%)
512 \leq x < 532 \quad A \quad (unless a test is missed)
495 \leq x < 512 \quad A-
477 \leq x < 495 \quad B+
457 \leq x < 477 \quad B
440 \leq x < 457 \quad B-
422 \leq x < 440 \quad C+
402 \leq x < 422 \quad C
385 \leq x < 402 \quad C-
330 \leq x < 385 \quad D
0 \leq x < 330 \quad F