Math 162 Calculus I – 550   **Spring 2018**   **CRN 40804**

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Office: A107   **Messages:** 925-8600 (Academic Office)
OFFICE HOURS: Mon&Wed 8.00 am to 9.00 am (in A107); 9.00 – 10.00 (at Math Center).Tue & Thur 10.30 am to 11.30 am

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

Required materials: Text Thomas' Calculus 13th ed., by Weir & Hass , expensive, but good all the way thru Calc III at UNM-VC.

Sometimes useful : Scientific graphing calculator.

Disabilities : If you have a documented disability, please provide me with a copy of your letter from Equal Access Services , so that appropriate accommodations can be made.

Academic Dishonesty: as defined in the UNM-Valencia catalog, includes copying work from other students. Any student found doing this is subject to disciplinary action, ranging from "a reduced or failing grade for the work in question and/or the course..." thru being dropped from the course to being dropped from the University.

Persistent disruptive behavior which interferes with students' education—such as loud, distractive talking, insulting classmates or the instructor, repeated interruption of students' or the instructor's work, etc., may result in the student being dropped from the class.

Any Sexual Misconduct or Gender Discrimination brought to a faculty member's attention must, per UNM policy, be reported by the faculty member to the Office of Equal Opportunity and the Title IX Coordinator. For information regarding what comprises sexual misconduct see https://policy.unm.edu/university-policies/2000/2740.html

Electronic Communication Devices, incl. cell phones, laptops and such: Must be Off at all times during class. If you must text message, please leave the classroom.

Children are not permitted in Class, due to liability concerns.

Penalty for missing a test: Default policy is No "makeup" tests, so a missed test will be the one and only dropped score for the semester. Early tests are possible. If prior notice is given (phone or email message), or a verified emergency occurs just before the test, it is possible the instructor will, at his discretion, allow a late makeup test to be taken. Up to 20% reduction in score may be applied, depending on circumstances.

Homework:

Homework assignments are due the next class day, at the beginning of class. Staple the day's homework together as a single packet, with problems and sections arranged in order as they appear on the green calendar. Also, please make the separation between main problems (#3, 6, 18, e.g, NOT a, b, c,...) extra obvious. This makes the Professor's work go a little faster, Thanks.

Late homework: 1 day late, -50%; 2 days late, -100%.

Attendance: After four accumulated absences, the student may be dropped by the instructor without further notice.

Grading Max possible points
Homework 100
4 tests 400 Drop lowest one of tests or
homework -100
Final exam (not dropped, comprehensive, min 65% to pass course) 150
550 max poss course total ("x" represents student's total course score)
$532 < x < 550$ A+ (unless a test is missed, or homework score is less than 50%.)
$512 < x < 532$ A (unless a test is missed)
$495 < x < 512$ A-
$477 < x < 495$ B+
$457 < x < 477$ B
$440 < x < 457$ B-
$422 < x < 440$ C+
$402 < x < 422$ C
$385 < x < 402$ C-
$330 < x < 385$ D
$0 < x < 330$ F

Student Learning Objectives: 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

IMPORTANT DATES (all deadlines are by 5:00 PM Mountain Time):
The class you initially registered for is a first 8-week course, so the following deadlines apply.
Martin Luther King Holiday Monday, January 15, 2018
Last day to add or change grading mode on LOBOWeb: Friday, January 19, 2018
Last date to drop without a grade: Friday, January 26, 2018
Last date to drop without Dean's Permission: Friday, February 23, 2018
Last date to change grading mode with form Friday, March 9, 2018
Last date to drop with Dean's permission Friday, March 9, 2018
Spring Break: March12 – 16, 2018