

MATH 180 : ELEMENTS OF CALCULUS

Section 501 (M/W 9:00 - 10:15), CRN 33676

Spring 2018

Instructor: Ian Burch

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Office and Hours: A123, M/T/W/Th 8:30-9:00 or 12:00-1:00 or by appointment

Course Goals

A deep understanding of derivatives, their meanings, graphs, and interpretations. Use of derivatives for optimization and related rates problems in real-world situations. Interpretation of graphs as rates of change. Basic techniques of integration and its uses.

Materials: Lial, Greenwell, & Ritchey, *Calculus with Applications*

MathLab course code: **burch00634**, Pearson website access code (student purchase, with text or via the site).

Expectations: Students are expected to conduct themselves in a professional and collegial manner. Please refrain from using cell phones during class unless approved in advance by instructor. Absences may be excused only with a documented reason, preferably given in advance. Students with more than 4 absences may be dropped from the course

Disability Statement: If you have a documented disability, please provide me with a copy of your letter from Equal Access Services as soon as possible to ensure that accommodations are provided in a timely manner.

Academic Honesty: Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, including dismissal, against any student who is found responsible for academic dishonesty. Any student who has been judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course. Academic dishonesty includes, but is not limited to, dishonesty in quizzes, tests or assignments, claiming credit for work not done or done by others; hindering the academic work of other students; and misrepresenting academic or professional qualifications within or outside the University.

Title IX : In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants (TA), and Graduate Assistants (GA) are considered responsible employees. This designation requires that any report made to a faculty member, TA, or GA regarding sexual misconduct or gender discrimination must be reported to the Office of Equal Opportunity and the Title IX Coordinator. For more information on the campus policy regarding sexual misconduct, see:

<https://policy.unm.edu/university-policies/2000/2740.html>

Grade Breakdown

Final Exam	25%
Midterm Exam	20%
Homework	20%
Projects	15%
Weekly Quizzes	15%
Attendance	5%

Letter grades will be given as follows, with + or - given for the highest and lowest 3% in each range, respectively.

90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
0% - 59%	F