

(Mr., Professor, Dr.) Clifton Murray

Office Hours: In Person Wed 11a-2:15p, Thurs 11:45a-12:15p, 2:00-2:45p, and by appointment

Contact wcmurray@unm.edu or office phone 505-925-8727 (Lv Msg)

Credit-hour statement: This is a four credit-hour course. Class meets for two 105-minute sessions of direct instruction per week for fifteen weeks during the Fall 2024 semester. Please plan for a minimum of eight hours of out-of-class work (homework and study) each week.

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

Required Materials:

Text: **Calculus, 11e, by Larson and Edwards**—big, expensive, but good all the way thru Calc III at UNM-Valencia.

Calculator: A scientific graphing calculator will be useful on homework, in class, and on tests. (Cellphone calculators not permitted on tests.)

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; (13) finding volume of solids of revolution; (14) finding the length of an arc; (15) finding the surface area of a solid.

Academic Dishonesty, as defined in the UNM-VC catalog, includes copying work from other students or off a computer or cellphone. 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 requires repeated warnings from the instructor, or derisive/ridiculing comments toward other students or the instructor (the quickest way to get expelled from the class). Be respectful of everyone in the classroom, and it’ll be a good experience for all..

Cell phones and similar devices: No use of cell or smart-phones during tests; if a student temporarily leaves class during a test, she/he must leave phone with instructor.

Children in Class: Sorry, but children are not permitted in class due to liability concerns.

Title IX Updated Spring 2025 Syllabus Language to substitute for “Title IX” language:

UAP 2720 and 2740. Our classroom and university should always be spaces of mutual respect, kindness, and support, without fear of discrimination, harassment, or violence. If you ever need assistance or have concerns about incidents that violate this principle, please access campus support resources. These include confidential services at [LoboRESPECT Advocacy Center](#), the [Women’s Resource Center](#), and the [LGBTQ Resource Center](#). The University of New Mexico prohibits discrimination on the basis of sex (including gender, sex stereotyping, gender expression, and gender identity). UNM faculty and graduate teaching assistants are considered “responsible employees.” “Responsible employees” must [communicate reports](#) of sexual harassment, sexual misconduct and sexual violence to [Compliance, Ethics and Equal Opportunity](#). For more information on the campus policy regarding sexual misconduct, reporting, and reporting for “responsible employees,” please see UAP 2720 and UAP 2740.

Accommodations: UNM is committed to providing equitable access to learning opportunities for students with documented disabilities. As your instructor, it is my objective to facilitate an inclusive classroom setting, in which students have full access and opportunity to participate. To engage in a confidential conversation about the process for requesting reasonable accommodations for this class and/or program, please contact the [UNM-Valencia Equal Access Services](#) (Sarah Clawson, Coordinator), at (505) 925-8840 or by email at sjclawson@unm.edu. Or the UNM-Albuquerque Accessibility Resource Center (<https://arc.unm.edu/>) at arcsrvs@unm.edu or by phone at 505-277-3506.

COVID-19 Health and Awareness. UNM is a mask friendly, but not a mask required, community. If you are experiencing COVID-19 symptoms, please do not come to class. If you do need to stay home, please communicate with me at wcmurray@unm.edu; I can work with you to provide alternatives for course participation and completion. Let me, an advisor, or another UNM staff member know that you need support so that we can connect you to the right resources. Please be aware that UNM will publish information on websites and email about any changes to our public health status and community response.

Homework Format: Homework problems should be clearly separated, either by whitespace (that means more space between main problems than within the problem), or by a separation line between main probs (not between subprobs a, b, c...). Turn homework in by *day*—not by section. For example, if sec 3.1 and 3.2 are presented on the same day, 3.1 and 3.2 homeworks should be grouped together (stapled), Not separated.

Also, please make the **main** prob # extra **BIG--5, 11, 21, ...etc** (do **not** make parts a,b,c extra big . This is to help make the separation between main problems obvious, so the instructor can find and check off the **main** problem numbers fast. Finally, some homework problems pertain to a geometric figure, curve, or a physical situation. For such problems, a **sketch** is **required**. See the instructor's solutions for examples of how homework should appear.

Each homework assignment is due the next class day. Homework turned in one class day late will be reduced to a max score of 50%; two or more days late will receive zero credit. If an incomplete assignment is turned in, that will be the only scoring for that assignment; no further credit will be given for that assignment.

A *Formula Sheet* will be provided for each test. Minor notations, such as the title of a formula, or what a quantity signifies, are allowed. **But partially or fully worked-out examples are Not permitted on the formula sheet.** Any student caught with such will have her or his formula sheet confiscated, and will be subject to disciplinary action.

Attendance: If a student does not appear the 1st two days of class, the instructor may drop that individual from the course. Otherwise, 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. If you have an emergency situation, including illness, that necessitates your missing class, let the Profesor know as soon as possible by email. If you know you must be absent before a test, let me know asap, we might can arrange an early test without penalty.

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

Final Exam Minimum: 70%. Less will result in an automatic course grade of D or lower, regardless of other test or homework scores.

<i>Grading</i>	Max possible points
Homework	100
4 tests	400
Drop lowest one of tests or homework:	-100
Final Exam* (not dropped, comprehensive)	$\frac{150}{550}$ *Again: <i>You must make 70% min, for course grade > D.</i>
	550 Max poss course total

Let total course score = x:

$532 \leq x \leq 550$	A+ (unless a test is missed or hmwk score < 50%)
$512 \leq x < 532$	A (unless a test is missed)
$495 \leq x < 512$	A-
$477 \leq x < 495$	B+
$457 \leq x < 477$	B
$440 \leq x < 457$	B-
$422 \leq x < 440$	C+
$402 \leq x < 422$	C
$385 \leq x < 402$	C- *Note that a C- is not a C, and may not satisfy prereq or course requirements in some programs.
$330 \leq x < 385$	D
$0 \leq x < 330$	F

No "Incomplete" (I) grades will be given.

Finally, a positive note: *Tutoring* may be available in the Learning Commons (in Library bldg.), by students who have taken and done well in this course. tutor@unm.edu, or (New Learning Center Director: _____) here on UNM-Valencia Campus.