Math 1522 **Calculus II Syllabus Fall 2020**   Meets Online Mon &Wed 4:30-6:20p   UNM-Valencia Campus

Prerequisite: C or better in Calculus I/Math 1512

Instructor: Clifton Murray. Available-to-Help hours via email or Zoom: Wed 10:30a-12:30p; Thurs 11:45a-12:15p, 1:15-2:45p, 4:15-6:15p. wcmurray@unm.edu

Required Materials: Computer with Internet access.
        Textbook, Thomas' Calculus, 14th ed., by Weir & Hass.
         Scientific Calculator (capable of powers-of-ten notation, and having sin, cos, tan functions); if it is a
            Graphing type, that will be useful later in the course.

Mode of Online/Remote: Zoom. A link will be emailed to students just before each meeting.

Attendance will be taken. After four accumulated absences, the student may be dropped from the course. If you know you have work or other essential/unavoidable conflict, see the instructor to decide whether/how you can remain in the course.

Student Learning Objectives (SLO's): By the end of the course, the student should at least be able to do the following: Find volumes of solids of revolution, calculate work due to a variable force, and find the fluid force against a submerged plate, all using integration; calculate derivatives and integrals of log, exponential, and inverse trig functions; perform integration by parts, by partial fractions, and by trig substitutions when needed; evaluate improper integrals; solve 1st order linear differential equations, both separable and non-separable; expand and identify the nth term in infinite series; apply tests for series' convergence or divergence; perform Taylor series expansions of simple power functions; interpret formulas for the conic sections; convert equations into parametric form; convert between rectangular and polar coordinates.

Disabilities: If you have a physical disability which could interfere with learning in an online environment, contact UNM-Valencia Student Services, telephone 505-925-8560.

Academic dishonesty as defined in the UNM-Valencia catalog includes copying work from other students or, by implication, having another student do the work for you. Any student found to have done this on tests or homework is subject to disciplinary action, ranging from a reduced or failing grade for the work &/or the course to dismissal from the University.

Persistent disruptive behavior which interferes with other students' education—such as loud, distractive talking, insulting classmates or the instructor, or other disruptive behavior-- will result in the offenders' being dropped from the course. In a remote/online learning context, being sensitive and respectful of others ("Netiquette") includes muting your mic when not engaged in class-relevant discussion (even a pencil writing on paper can be distracting if picked up by your mic), and not using all caps when chatting or emailing, since that could be interpreted as yelling.)

Any *sexual misconduct or gender discrimination* observed by or reported to a UNM Faculty member, TA, or GA must be reported to the UNM Office of Equal Opportunity and the Title IX Coordinator. For information regarding what constitutes sexual misconduct, see https://policy.unm.edu/university-policies/2000/2740.html

Homework assignments are taken from textbook end-of-section exercises. The daily assignments are on the class calendar (separate from this document). Write out your work by hand, then photo or scan and send them to my unm email (listed near top of this page.) Group the problems as on calendar—that is, turn problems in grouped by the Day they are listed on the calendar—Not by section. When solving a problem, **clearly separate individual main problems, with either whitespace or a bold line.** Make the main problem number super-BIG…like, #3, #17, #23a,b,c…(don't make the a,b,c…big.) This demarcation of each Main prob # helps me find the problems and grade them fast, which I need to do—I grade a lot of homework. (btw, I am making homework a larger % of your grade than in the past, b/c of this online mode of instruction.)

Late or Missed Work Tests will occur during class time, as on our Calendar. No makeup tests.
        Homework: Late 1 class day: minus 50%. Late 2 class days: minus 100% (zero credit)

Minimum Final Exam Score: **If the score on the final exam is less than 70%, the student will receive a grade of D or less for the course**, regardless of other test or homework scores.*

Grading:

Maximum possible points

4 tests, each worth 100 pts	400
Drop lowest test:	-100
Homework (not dropped)	200
Final exam (comprehensive, not dropped)	150 ← (*if < 70%, course grade is D or below*)
	650 (max poss course total)

$634 \leq x \leq 650$	A+	(unless a test is missed, or homework score is less than 50%)
$601 \leq x < 634$	A	(unless a test is missed)
$585 \leq x < 601$	A-	
$566 \leq x < 585$	B+	
$536 \leq x < 566$	B	
$520 \leq x < 536$	B-	
$504 \leq x < 520$	C+	
$471 \leq x < 504$	C	
$455 \leq x < 471$	C-	* See note below re C-minus
$390 \leq x < 455$	D	
$x < 390$	F	

* Be aware: a C-minus might Not qualify you for a planned future course(s) or degree ("a C-minus is not a C"). It is your responsibility to know what grades are required for your academic plans.

Finally, on a positive note: Tutoring in Calculus is available, Free of charge, from UNM Valencia Campus Tutoring Services:
http://valencia.unm.edu/campus/resources/the-learning-center/learning-center-html