Math 163 **Calculus II Syllabus**   **Spring 2017**, meets MonWed 4:30-6:15p   Clifton Murray, UNM-VC
Prerequisite: C or better in Calculus I/Math 162

Murray's Office A126A. Hours MW 3:15-4:15p, T 4:15-6:15p, Th 11:45a-12:30p, 1:30-2:45p, 4:15-6:15p
 wcmurray@unm.edu, 505-925-8727

Required Materials: Textbook, Thomas' Calculus, 13th ed., by Weir & Hass.
                    Scientific Graphing Calculator.

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 documented physical disability which could interfere with learning in a standard classroom environment, please inform the instructor, so accommodations can be made.

Academic dishonesty as defined in the UNM-Valencia catalog includes copying work from other students. Any student found doing this on tests or the final exam 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 students' education—such as loud, distractive talking, insulting classmates or the instructor, or other repeated disruptive behavior-- will result in the offenders' being dropped from the course.
NO text messaging or phone calling is permitted in the classroom—Please turn phones OFF while in the classroom.

Any *sexual misconduct or gender discrimination* observed or heard of by 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

Late and Missed Work: There are no makeup tests, except in verified emergencies—in such cases, expect a maximum score of 80%. Early tests, however, might can be arranged without penalty.
 Homework: 1 day late, -50%. 2 days late, zero credit.

After five accumulated absences, the student may be dropped from the class without further notice.

Minimum Final Exam Score: **If the score on the final exam is less than 65%, the student will receive a grade of D or less for the course**, regardless of other test or homework scores.*

Grading:

	Maximum possible points
Homework	100
4 tests	400
Drop lowest one of tests or homework:	-100
Final exam (comprehensive, not dropped)	150 ← (*if < 97.5, course grade is D or below*)
	550 (max poss course total)

$532 \leq x \leq 550$	A+ (unless a test is missed, or homework score is less than 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-
$330 \leq x < 385$	D
$0 \leq x < 330$	F