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

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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:

<table>
<thead>
<tr>
<th>Category</th>
<th>Maximum possible points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>100</td>
</tr>
<tr>
<td>4 tests</td>
<td>400</td>
</tr>
<tr>
<td>Drop lowest one of tests or homework:</td>
<td>-100</td>
</tr>
<tr>
<td>Final exam (comprehensive, not dropped)</td>
<td>150 (if &lt; 97.5, course grade is D or below)</td>
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</tbody>
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550 (max poss course total)

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