Calculus II: Syllabus

Instructor: Jason Terry
Email: jterry@unm.edu
Office Hours: TBA

Website: [http://math.unm.edu/~jterry](http://math.unm.edu/~jterry). Check the website for homework assignments, announcements, etc. I may also use your UNM email accounts for one-to-one communication, so make sure to check your email regularly.


Calculator: No graphing calculators are allowed on any test. Scientific calculators are OK.

Class/Schedule: MTWRF 8:10am – 9:30am in room DSH-326 (CRN #10628, Sect. #001). We will cover selected topics from chapters 6-12 of the textbook.

Homework:
(1) The homework problems for the sections we cover are located on my webpage.
(2) Homework will not be collected or graded. It is your responsibility to do the assignments to prepare for the tests. Of course, you can always come to my office hours for help, ask questions in class, and use the answers in the back of the textbook.

Quizzes:
(1) Short "pop" quizzes may be given during any class period.
(2) The quizzes will involve material recently covered in class and/or problems similar to the current homework assignments.
(3) Missed quizzes cannot be made up.
(4) Quizzes are each worth 5 points.

Tests:
(1) Test 1 will be on Friday, June 18th, 2010.
(2) Test 2 will be on Friday, July 2nd, 2010.
(3) Test 3 will be on Friday, July 16th, 2010.
(4) If for some unusual circumstance you are absent on a test day, you may make up one test by taking it the Monday after the test date. You must contact me as soon as possible to schedule the make-up test, which will be at my convenience. In general, make-up tests are more difficult than tests given during the regular class period. Note that you may only make up a test once during the semester with no questions asked. After that, the manner in which the points are to be made up (if at all) is up to me. So to avoid any undesirable situations, it is strongly inadvisable to miss a test.
(5) Tests are each worth 100 points.

Final Exam: The final exam is comprehensive and is scheduled on Thursday and/or Friday, July 29th and/or 30th, 2010 during the regular class period. Make sure to keep this time available or else you must make arrangements with me well in advance. Belated requests for make-ups may not be accommodated. The final exam will be worth 150 points.
**Grading:** The points earned from all quizzes, tests, and the final exam will be totaled. Your grade will be based on the percentage of points earned divided by points possible. The following list gives an approximate breakdown of the point distribution.

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Quizzes</td>
<td>50 points</td>
<td>(or 10%)</td>
</tr>
<tr>
<td>3 Tests</td>
<td>300 points</td>
<td>(or 60%)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150 points</td>
<td>(or 30%)</td>
</tr>
<tr>
<td><strong>Total Possible</strong></td>
<td><strong>500 points</strong></td>
<td><strong>(or 100%)</strong></td>
</tr>
</tbody>
</table>

A 90% is at least an "A", 80% is at least a "B", 70% is at least a "C", and so on. In general, I will not give annotated grades with a "+" or "-". It is the Math Department's policy that you must take and pass the final exam to pass the course. I will not issue incomplete grades unless you can document that your situation warrants special consideration.

**Attendance:** It is the Math Department's policy that attendance is mandatory. A student may be dropped after three absences unless you can document that your situation warrants special consideration. A student may be dropped if you miss a test and do not schedule a make-up.

**Drop Dates:**

1. The last day to add a course without permission is **Friday, June 11th, 2010**.
2. The last day to change your grading option is **Friday, June 18th, 2010**.
3. The last day to drop a course without a "W" is **Friday, June 25th, 2010**.
4. The last day to drop a course with a "W" and avoid a letter grade is **Friday, July 16th, 2010**.
5. **It is your responsibility to drop a course and verify your enrollment status.**

**Holiday:** Monday, July 5th, 2010 (Independence Day)

**Disclaimer:** This syllabus is subject to change in the event of mitigating circumstances. I will notify you via the website, email, and/or announcement in class of any significant changes.

**Final Advice:**

1. Math is not a spectator sport! And shyness can spell your demise! Success in the class, especially on the tests, will depend on whether you read the text, listen in class, do the homework and SPEAK UP if you need help.
2. Take note of the drop dates. Be honest with yourself as to whether you are capable of making a commitment to finishing this class. Your attendance should reflect your commitment. Otherwise, you might just be wasting your time.
3. Do not lie to yourself. This course can be difficult and demanding. Rather than being surprised with a bad grade, assess early on if you are not academically prepared for the class or if you do not understand the material during the class. Then do something to correct it before taking the tests and the final.
4. Do not rely on excuses. If you have a problem with the homework assignments, the quizzes, the grading system, or the instructor, then I STRONGLY recommend you find another section for this course. You should be well familiar with all the elements of this class before the drop date.
Master Syllabus Information

Course Description: (Prerequisite: Math 162) Transcendental functions, techniques of integration, numerical integration, improper integrals, sequences and series with applications, complex variables and parameterization of curves.

Contents: The material includes: integration techniques (substitution, integration by parts, partial fractions), applications of integrations (computing volumes, arc length, work, averages, improper integrals), and series (determining convergence and divergence, truncation error, Taylor series and applications). Note: we assume working knowledge of basic functions, limits, differentiation and integration discussed in Math 162.

Student Behavior: For a positive and supportive learning atmosphere for all, students need to be courteous and respectful towards the class. Please be on time for your lectures, turn off your cell-phone and refrain from talking in class, leaving the classroom in the middle of a lecture or doing any other activity that could be disruptive to the class. Cheating will not be tolerated.

Disability Statement: We will accommodate students with documented disabilities in this class. During the first two weeks of the semester, those students must take the initiative to inform the instructor of their particular needs.

PLEASE SIGN AND RETURN THE BOTTOM PORTION

I, __________________________________________, have read understood the syllabus for Math 163 (CRN #10628, Sect. #001) for Summer 2010 at UNM and agree to its terms and conditions.

STUDENT SIGNATURE: ______________________ DATE: ___________