
CONTENTS: Most of chapters 6, 7, 10, 11: transcendental functions, integration techniques, introduction to differential equations, sequences, series, Taylor series with applications.

COURSE WEBSITE: [http://www.math.unm.edu/~nitsche/courses/163/web](http://www.math.unm.edu/~nitsche/courses/163/web)

GRADING: Your total course grade is obtained from your percentage grade out of the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Three in-class exams</td>
<td>100 pts</td>
</tr>
<tr>
<td>Daily Homework</td>
<td>75 pts (keep all)</td>
</tr>
<tr>
<td>Weekly Quizzes</td>
<td>125 pts (keep highest 12)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200 pts</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>700 pts</td>
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Note on Ws: If you withdraw after the 3rd week of class, you will receive a W. If you do not withdraw, you will receive a letter grade of A,B,C,D or F (and not a W).

HOMEWORK: Daily homework problems are listed on the course website. They include

- **Level 1 problems**: strengthen the basics, often short answer
- **Level 2 problems**: apply the basics and build understanding (collected and graded)
- **Mixed Review**: mixed review of earlier material, often at a slightly more challenging level since you are assumed to already have mastered the material. These are good exam problems.

Quizzes will consist of problems similar to those of the previous week’s homework. Your instructor will try to put a problem of each type (level 1, level 2, mixed review) on each quiz. Exams also consist of problems similar to those in the homework.

You need to work on all homework problems on a daily basis (about 2-3 hours per homework day) and you’ll be well prepared for quizzes and exams. You need to be able to find your solutions without referring to the book, and rely as little as possible on memorization.

QUIZZES and EXAMS: A quiz on the previous week’s homework will be given every week in your recitation class. There will be a quiz on review material during week 1. The exam dates are given in the syllabus. To get full credit on exams, homework, quizzes, you need to show your work, neatly, in clear and correct mathematical notation, annotated by English sentences where appropriate. You will be graded based on the work shown, not on the answer.

CALCULATORS: Graphing calculators and other technology (e.g., MATLAB) can be used effectively to illustrate many basic concepts and promote understanding. However, the student must master basic algebraic and graphing skills without a calculator. To promote these skills, we will not use any calculators on exams or quizzes. No calculators should be used on the homework unless instructed otherwise.

MAKEUPS: No makeup exams will be given unless you contact your instructor ahead of time with a documented illness, family emergency, or active participation in scholarly or athletic events. If you miss an exam and do not immediately contact your instructor you will be dropped from the course.

RESOURCES to help you succeed:
- **Your Instructor**: If you cannot make office hours, please email to make appointment.
- **Recitation**: This is a problem solving session that you must be signed up for.
- **Calculus Table**: By 3rd floor elevators in DSH. See website for hours. Starts Wed 8/19/2015.
- **CAPS**: see [http://caps.unm.edu/subjects/math](http://caps.unm.edu/subjects/math)
- **CATS**: Counseling and Therapy Services (Student Health Center, 277-4537) can help with exam anxiety.

ATTENDANCE: Attendance at UNM and homework is mandatory. If you have missed three or more attendance+homework+quizzes in the first 3 weeks you will be dropped from the course. Similarly, students with absences and lack of work during the rest of the semester may be dropped. However, it is the students responsibility to drop the course if he/she stops attending.

STUDENT BEHAVIOUR: Be courteous and respectful towards the class: be on time for lectures, turn off cell-phones 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. If you need to leave early or arrive late, please inform your instructor and sit near the door. Cheating will not be tolerated.

ACCESSIBILITY STATEMENT: Students with documented disabilities must inform their instructor of their particular needs during the first two weeks of the semester.