Outline for Math 191 Section 3
Calculus and Analytic Geometry I
Fall 2005

Meetings: MWF 10:30-11:20 in SH 108

Instructor: Guram Bezhanishvili

Office Hours: MWF 11:25-12:25

Office: WH 203

Phone: 646-2837

Email: gbezhani@nmsu.edu

Prerequisite: An adequate score on the math placement exam, or C or better in Math 180 and Math 185.


Objectives: The goals are to present the concepts of calculus, to stress techniques, applications, and problem solving. Overall, the goals are to illustrate the power of calculus as a tool for modeling situations arising in physics, science, engineering and other fields.

Material: We cover most of the first four chapters of the text, largely in the order it appears in the text.

On-Line Materials: We will be making use of the on-line support available with this text. In particular, homework will be assigned, and is to be completed, online. You will need to register at www.ilrn.com. The course code for this section is:

**E-THWC8TA488AT**

Grades:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Tests</td>
<td>55%</td>
</tr>
<tr>
<td>Cumulative Final Exam</td>
<td>25%</td>
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</tbody>
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Grades: 10% each for 4 tests with grade distribution 10%, 3×15%

Homework: To succeed in this course, daily work on practice problems must be done. Exams
will test both conceptual understanding and quantitative manipulations. Practice will build the required critical thinking and problem solving skills required on the exams. A student who can complete all homework problems will have a good grasp of the course material, and many of the questions on the tests and final exam will be of a similar nature to those assigned as homework.

**Tests:** All Math 191 students will take their tests on Thursday nights at 7:30 – 9:00. The tests will be given on the following dates:

- Test 1: September 15th
- Test 2: October 6th
- Test 3: October 27th
- Test 4: November 17th

Make sure you are available for the test times. For each test you are required to bring your student ID. On each test, there will be problems for which calculators are not allowed. Please keep this in mind when doing homework problems.

**Missed Test Policy:** Students must notify the instructor before an exam is missed in order to qualify for a make-up exam. Failure to do so will result in a “0” for any missed exam. The only valid excuses for missing an exam are documented illness, death in the family, or required participation in any university related function. Supporting documentation is required.

**Final Exam:** The final exam for Math 191 will take place on Tuesday December 6th, 1:00 – 3:00.

**Withdrawals and Incompletes:** You have the primary responsibility for withdrawing from the course. I will authorize the secretary in the Math Office (SH 236) to sign drop slips for me, in case I am not available. **The last date to drop with a “W” is Wednesday, October 12th.** Under University policy, an I grade is allowed only if a student has passed the first half of the course, and is precluded from completion of the second half of the course by a documented illness or family crisis.

**Policies:** Students are expected to attend every class and show up on time. I also expect students to write clear prose and show some mathematical maturity in the work they turn in.

**Important Notes:**

- At the end of the final examination, the course is over, and there are no more opportunities to submit additional work.
- I will not compose extra credit assignments for students who want to try to compensate for poor results in another component of the course.
- Feel free to ask questions in class.

**Disabilities:** If you have or believe you have a disability, you may wish to self-identify. You can do so by providing documentation to the Services for Students with Disabilities (SSD) office in Corbett Center Room 244 at 646-6840. Appropriate accommodations may then be provided for
you. If you are already registered with the SSD office, please make sure that I have received a copy of your “Accommodations Memo” from the SSD within the first two weeks. It is your responsibility to inform your SSD representative or me if the services or accommodations provided are not meeting your needs.