Math 291 Section 5 Fall 2003
Calculus and Analytic Geometry III

Meetings: TTH 6:00-7:15 PM in SH 106
Instructor: Guram Bezhanishvili
Office Hours: TTH 3:00-4:30 PM
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Text: Calculus: Concepts and Contexts (Second Edition) by James Stewart

Objectives: Math 291 is continuation of Math 191 and Math 192. In Math 191 and Math 192 you learned basic concepts of calculus such as differentiation and integration of functions of one variable, and their use in modeling situations arising in physics, engineering and other fields. The main objective of Math 291 is to learn motion in space as well as differentiation and integration of many variable functions and their application to real life problems.

Outline: Here’s a rough outline of the sections of the book we will be covering:

Chapter 9, Sections 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7;
Chapter 10, Sections 10.1, 10.2, 10.4;
Chapter 11, Sections 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7;
Chapter 12, Sections 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7.

Attendance: Students are expected to attend every class and show up on time.

Grading: Your course grade will be determined from homework grades (20%), quizzes (10%), two group projects (10% each), a midterm exam (20%), and a final exam (30%). The final exam will be on Tuesday, December 9, 6:00-8:00 PM. I expect students to write clear prose and show some mathematical maturity in the work they turn in. Late assignments will not be accepted.

Disabilities: If you have or believe you have a disability and would benefit from any accommodations, you may wish to self-identify by contacting the Services for Students with Disabilities (SSD) Office located at Garcia Annex (phone: 646-6840). If you have already registered, please make sure that your instructor receives a copy of the accommodation memorandum from SSD within the first two weeks of classes. It is your responsibility to inform either your instructor or SSD representative in a timely manner if services/accommodations provided are not meeting your needs.
If you have a condition which may affect your ability to exit safely from the premises in an emergency or which may cause an emergency during class, you are encouraged to discuss any concerns with the instructor and/or Mr. Michael Armendariz, SSD Coordinator. Feel free to call Ms. Elva Telles (EEO/ADA and Employee Relations Director) at 646-3333 with any questions about the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act of 1973. All medical information will be treated confidentially.

If you have any questions or comments, please come and talk to me.