Math 192 Spring 2003
Calculus and Analytic Geometry II

Meetings: TTH 2:35-3:50 in SH 109
Instructor: Guram Bezhanishvili
Office Hours: MW 10:30-12:00
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Text: Calculus: Concepts and Contexts (Second Edition) by James Stewart

Objectives: Math 192 is continuation of Math 191. In Math 191 you learned basic concepts of calculus such as limits and derivatives and their use in modeling situations arising in physics, engineering and other fields. The main objective of Math 192 is to learn another basic concept of calculus, that of integration. You will learn applications of integration to physics, engineering and other fields, as well as modeling with differential equations.

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

Chapter 5, Sections 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.9, 5.10;
Chapter 6, Sections 6.1, 6.2, 6.3, 6.4, 6.5;
Chapter 8, Sections 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7;
Chapter 7, Sections 7.1, 7.2, 7.3.

Attendance: 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.

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 Thursday, May 8, 3:30-5:30.

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 Ms. Jane Spinti, 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.