

**SPRING 2008**  
**CALCULUS III; MAT 283-1; 4 CREDITS**  
**Prerequisite: MAT 182**

Instructor: E. Salehi; Ph D. in mathematics from the University of Washington (1985)  
Office: CBC B-515 Phone: 895-0390  
Office hours: 9:45-12:45 MW (or by appointment)  
Email: ebrahim.salehi@unlv.edu Website: <http://www.scsv.nevada.edu/~salehi>  
Text Book: Fifth edition of Calculus by James Stewart (Chapters 12-16)

---

**TOPICS TO BE DISCUSSED:** Vectors, quadratic surfaces, vector-valued functions, functions of several variables, double and triple integrals, vector Calculus, line integrals, Green's Theorem, surface integrals, and Stokes's Theorem.

**HOMEWORK:** Homework will be assigned at each class meeting, due the following class meeting. Five problems from each assignment will be graded at two points per problem, all work must be shown to receive any credit.

**TEST AND GRADING POLICY:** There will be eight quizzes, three (50-minutes) tests, and a two-hour final.

Homework assignments will be collected unannounced	100 points
8 Quizzes each one 13 points	104 points
First test on Wednesday February 13, 2008	100 points
Second test on Wednesday March 26, 2008	100 points
Third test on Wednesday April 30, 2008	100 points
Final exam on Wednesday May 14, 2008 (at 8:00 am)	200 points
Total possible points	704

90% and higher receives A- and A.  
80% - 90% receives B- , B, and B+.  
70% - 80% receives C- , C, and C+.  
60% - 70% receives D- , D, and D+.  
Below 60% of total will receive F.

**IMPORTANT:**

1. No late homework will be accepted. No make up test will be given.
2. Final date to drop or withdraw from classes, or change from credit to audit is April 4, 2008, no drop will be allowed after this date.
3. Learning Enhancement Services (LES) houses Disability Services, Tutoring Services, and Learning Strategies. If you have a documented disability that may require assistance, you will need to contact Disability Services for coordination in your academic accommodations. LES is located in the Reynolds Student Services Complex (SSC), Room 137. The phone is 895-0866, or 895-0652.