Calculus 3 – Math 275 Sec. C01
4 credits…Fall 2008

Instructor: Ron Cresswell
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Office hours: T 1:00-2:00 pm
W 5:00-6:00 pm
Th 2:00-3:00 pm
F 12:00-1:00 pm
Math Lab: M 5:00-6:00 pm

Course Description: This is the final course in the calculus sequence. Topics include vectors, functions of several variables, multiple integration, parametric surfaces, vector fields, and three-dimensional vector algebra. Applications involve the Fundamental Theorem of Line Integrals, Green’s Theorem, the Divergence Theorem, and Stoke’s Theorem.

Prerequisites: MATH 175 with a grade of ‘C’ or better, or permission of the instructor.


Course Objectives: The student will demonstrate a working knowledge of the material covered in Chapters 12 – 16 of the textbook. Refer to the tentative schedule on back.

Policies and procedures:
  a. You will not be able to attend my class if you are not registered.
  b. You are expected to attend class. If you do miss class, you are responsible for any information that was put out.
  c. Dropping the course is your responsibility. Do not expect me to drop you if you stop attending.
  d. Good math skills are built through numerous exercises, so homework will be assigned throughout the semester.
  e. Students will be subject to a failing grade if caught cheating on an exam.
  f. Your homework will be handed in on your own paper and stapled if needed.
  g. Late homework will receive a 60% unless prior arrangements are made ahead of time.
  h. A graphing calculator is required for this course.
  i.

Outcomes Assessment: Daily assignments, chapter tests, and a comprehensive final exam will be used to assess how well students achieve the course objectives.
"As part of departmental analysis of outcomes in this course and its place in the Mathematics program, student completion of the pre-requisite, success in the current course, success in subsequent courses and student satisfaction will be reviewed by the instructor. A report containing this information will be submitted by department faculty to determine what, if any, changes can be made to improve the course in terms of content, focus, and instruction."

Grading Procedure:
  Chapter exams  60%
  Homework assignments  20%
  Final exam (comprehensive) 20%
a. Homework: I will assign homework once a week and collect it at the beginning of the next week. You will also have Maple projects that count as homework.
b. Chapter exams will be given in the Campus Testing Center (GRM 230). The exams are taken on your own time.
   - Exam 1 will cover chapter 12.
   - Exam 2 will cover chapter 13.
   - Exam 3 will cover chapters 14.
   - Exam 4 will cover chapters 15.
c. The Final exam will be given in class on **Tuesday, Dec. 16, 2005 from 2-4 pm.**
   Final will cover chapters 12 – 16.

Additional Aids:
   a. Videotapes and DVD’s available in Library (GRM 131).
   b. Tutoring available in Math Lab (SHL 207).

E-Mail: E-mail is the primary source of written communication with all CSI students. Students automatically get a CSI e-mail account when they register for courses. Messages from instructors and various offices such as Admission and Records, Advising, Financial Aid, Scholarships, etc. will be sent to the students’ CSI accounts (Not their personal e-mail accounts). **It is the student’s responsibility to check their CSI e-mail accounts regularly.** Failing to do so will result in missing important messages and deadlines. Students can check their CSI e-mail online at [http://students.csi.edu](http://students.csi.edu). Student e-mail addresses have the following format: **username@students.csi.edu.** At the beginning of each semester free training sessions will be offered to students who need help using their CSI e-mail accounts.

Disabilities: Any student with a documented disability may be eligible for related accommodations. To determine eligibility and secure services, students should contact the coordinator of Disability Services at their first opportunity after registration for a class. Student Disability Services is located on the second floor of the Taylor Building on the Twin Falls Campus. 208-732-6250 (voice) or 208-734-9929 (TTY), or e-mail Candida Mumford, cmumford@csi.edu.