Instructor: Dan Stanescu, 218 Ross Hall, Tel. 766-4380, stanescu@uwyo.edu.
Office Hours: TWF 1:00-2:00PM and by appointment.
Class time & room: MTWF 11:00-11:50AM in CR 103.

Brief Course Outline We’ll study the concepts necessary to work with three-dimensional objects and functions of several variables. The following chapters from the book will be covered: chapter 9, vectors, approximately 8 classes; chapter 10, vector functions, 5 classes; chapter 11, partial derivatives, 12 classes; chapter 12, multiple integrals, 12 classes; chapter 13, vector calculus, 14 classes. The last four topics may also feature one lab session.

GRADING

• **Homework:** 30%. Sets of homework problems will be assigned approximately once per week, and come in two flavors. The first one will be using the on-line tool WeBWorK, which will provide you with immediate feedback. The second will work on your hand-writing skills, and I’ll assign these in class. Unless otherwise announced, your solutions must be turned in within a week from the date you’ve been assigned the homework. I may randomly choose only some of the problems in every written set and grade them; your grade for every set will be an average of the grade obtained on these problems. No make-ups for homeworks; however, your worst homework grade will not be taken into consideration. Note that mathematics, more than probably any other subject, can only be learned by hands-on practice. Therefore, doing all the homework by yourselves is essential to your performance in this class.

• **One Mid-term Exam:** 30%. The mid-term test will be common with the other sections and done Thrs. Oct. 15, 5:15-7PM. In case you will miss this exam, please make arrangements beforehand. Requests for make-up after the scheduled date will not be honored.

• **Final exam:** 40%. It will again be common with the other sections and is currently scheduled for Tues Dec. 8, 3:30-5:30PM.

• **Class participation.** Class participation (meaning both regular attendance and involvement) may make the difference whether you get an A or a B if you’re on the borderline!

The information contained herein is tentative. If the instructor finds that changes are necessary, he will announce them in class. If you have a physical, learning, or psychological disability and require accommodations, please let me know as soon as possible. You will need to register with, and provide documentation of your disability to, University Disability Support Services (UDSS) in SEO, room 330 Knight Hall, 766-6189, TTY: 766-3073.