Instructor: Dan Stanescu, 218 Ross Hall, Tel. 766-4380, stanescu@uwyo.edu.
Office Hours: WRF 10:00-11:00AM and by appointment.
Class time & room: MTWF 12:00-12:50AM in CR 118.

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. Your solutions must be turned in within a week from the date you’ve been assigned the homework. I will randomly choose several problems in every 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.

• **Two Mid-term Exams (20% each)**: 40%. The tests, as well as the final exam, will be closed-book, but you are allowed a handwritten letter-sized cheat sheet with the information you need on both sides. In case you must miss an exam, please make arrangements beforehand. Requests for make-up after the scheduled date will not be honored. Tentative dates for these exams are Oct. 12th and Nov. 16th. The exact date will be confirmed in class at least one week in advance.

• **Final exam**: 30%. Will feature approximately 50% material covered after the last midterm and 50% comprehensive material.

• **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.