

**MATH 209—Calculus III (EH1), TR 8:00–9:30, CEB 326**

**Fall 2011**

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Office hours: TR 9:30–11:00 or by appointment  
(to set up an appointment, drop me an e-mail the day before)

**Texts**

1. J. STEWART, *Calculus: Early Transcendentals* (6<sup>th</sup> Edition). Brooks/Cole, 2008.
2. *Math 209 Lab Manual* (3<sup>rd</sup> Edition). University of Alberta, 2006 (on sale—*cash only*—in CAB 680, 8:30–16:30, September 7,8,9, and 12 *only*).

**Syllabus**

1. partial derivatives (Sections 14.1 to 14.8 of Stewart's book);
2. multiple integrals (Sections 15.1 to 15.8 of Stewart's book);
3. vector calculus (Sections 16.1 to 16.9 of Stewart's book).

**Grading**

The grade will be based on labs (10%), homework (10%), a common midterm (30%), and a common final (50%). Unless exceptional circumstances arise, grades will be awarded based on the long time statistics for the overall performance in Math 209.

**Labs**

The labs start on or after September 14.

**Homework**

There will be weekly homework assignments. Details will be announced in class.

**Exams**

Dates (set by the Faculty of Engineering):

- *Common midterm*: 9:00–10:30, Saturday, October 15;
- *Common final*: 14:00–16:00, Saturday, December 22.

Calculators and other electronic aids as well as formula sheets are not allowed in the exams.

There is no deferred midterm exam; if the midterm is missed for a valid reason, the weight will be transferred to the final.

Students who miss the final exam and obtain a formal (in writing) university accepted excuse for their absence may write a deferred exam on *Saturday, January 14, 2012 at 9:00 in CAB 357*.

Students wishing to be considered for a re-examination must satisfy the requirements laid out in Section 23.5.5 of the Academic Calendar. Moreover, they must have—excluding the final—completed at least one half of the term work. Term performance will play a rôle in the decision to grant a re-examination.

### **Webpage**

Material relevant to the course will be posted at

<http://www.math.ualberta.ca/~runde/math209.html>

Please, check it regularly!

### **Fine print...**

The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in the respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behavior (online at [www.ualberta.ca/secretariat/appeals.htm](http://www.ualberta.ca/secretariat/appeals.htm)) and avoid an behavior which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts, and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion form the University.