Department of Mathematics & Statistics
Concordia University

> **MATH 265**
> Advanced Calculus II
> ***Winter 2005***

Instructor: _____

Office/Tel No.:   _____

Office Hours: _____

Text: *Multivariable Calculus,* 5th Edition, by J. Stewart

Assignments: The weekly assignments should be done independently and no late assignments will be accepted. Name, course number, and section must be written on each assignment sheet. The sheets must be numbered and stapled together. Solutions to the assignments will be available at the Copy Centre.

Test: One test will be given after the first six weeks' work is completed. Missed tests cannot be made up. The final examination will cover the entire term's work.

Final Grade: The final grade will be based on the higher of (a) or (b) below.

a) Assignments (10%), midterm test (20%), final examination (70%);
b) Final examination (100%).

Content: Chapter 16: Multiple Integrals (4 weeks)
Chapter 17: Vector Calculus (5 weeks)
Chapter 18: Second Order Differential Equations (2 weeks)