

# UNIVERSITY OF NEW BRUNSWICK

## WINTER 2009

### MATH 2013 (1B)

### INTERMEDIATE MATHEMATICS II

TIME, LOCATION: MWF 11:30-12:20 (T124) and T 13:30-14:20 (SL107)

INSTRUCTOR: Trevor Jones

OFFICE: Tilley 431 A

EMAIL: [tjones1@unb.ca](mailto:tjones1@unb.ca)

WEBSITE: <http://www.math.unb.ca/~thj>

TEXT: *Calculus, Early Transcendentals*, 6<sup>th</sup> Edition, by Stewart

GRADES: 20% Weekly assignments or quizzes

15% Test 1: February 3, 2009

15% Test 2: March 10, 2009

50% Exam

PREREQUISITE: A grade of C or higher in Math 2003.

SYLLABUS: We will cover the following sections, plus supplementary material as appropriate:

- Vector Calculus (16.2-16.9)
- Differential Equations (17.1-17.4)
- Sequences and Series (11.1-11.11)