

UNIVERSITY OF NEW BRUNSWICK

SPRING 2011

MATH 1003: INTRODUCTION TO CALCULUS I

TIME, LOCATION: MW 16:00-18:50, IH107
INSTRUCTOR: Trevor Jones
OFFICE: IH 6³
EMAIL: trevor.jones@unb.ca
WEBSITE: <http://www.math.unb.ca/~thj>

TEXT: *Calculus, Early Transcendentals*, by Rogawski

GRADES: Assignments and Quizzes: 15%
Test: June 1 (2 hours) 25%
Final Exam (cumulative): 60%

PREREQUISITE: A grade of at least 60% in New Brunswick Advanced Mathematics (120), or Math 1863 or equivalent. Students must also pass a Placement Test which is administered by the Department of Mathematical Sciences. See “Note 12 to Admissions Chart” in Section B of the Calendar for further details.

NOTE: Credit will be given for only one of Math 1003, 1823 or 2853.
Students are expected to attend **ALL** classes. Missing more than 15% of classes (e.g. three or more classes) will result in a reduction of a student’s mark by 10 marks from the total course mark (e.g. a total mark of 80 becomes a 70). Attendance will be recorded each class.

Late assignments will not be accepted. There will be no make-up test or quizzes.

Calculators are **NOT** permitted in test, quizzes, or final exam.

Cellular phones must be off during class.

Tutoring is available at the Math and Science Help Centre located in Ganong Hall Room 216.

UNB’s policy on plagiarism and other academic offences is available on the website:
<https://eservices.unb.ca/calendar/undergraduate/display.cgi?tables=regulations&id=10>

SYLLABUS: We will cover the following material:

- Precalculus Review (1.1-1.6)
- Limits (2.1-2.7)
- Differentiation (3.1-3.11)
- Applications of the Derivative (4.2-4.7, 4.9)
- If time allows, we will also cover sections 2.8, 4.1, and 4.8