UNIVERSITY OF NEW BRUNSWICK
FALL 2009

MATH 1823 (1A)
CALCULUS FOR MANAGEMENT SCIENCES

TIME, LOCATION: MWF 14:30-15:20, T404 and Tu 14:30-15:20, T223

INSTRUCTOR: Trevor Jones

OFFICE: Tilley 431 A

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

TEXT: *Finite Mathematics and Calculus with Applications*, 8$^{\text{th}}$ Edition, by Lial, Greenwell, and Ritchey

GRADES: 10% Assignments: Submitted online.
20% Test 1: September 30, 2009
20% Test 2: November 4, 2009
50% Exam

PREREQUISITE: A minimum grade of 60% in New Brunswick high school courses: Trigonometry and 3-space, Advanced Math with an Introduction to Calculus, or equivalent courses.

NOTE: Credit will not be given for both MATH 1003 and 1823.

SYLLABUS: We will cover the following material:

- Nonlinear Functions (10.1-10.6)

- The Derivative (11.1-11.5)

- Calculating the Derivative (12.1-12.5)

- Graphs and the Derivative (13.1-13.2)

- Applications of the Derivative (14.1-14.5)

- Integration (15.1-15.5, 16.5)