

UNIVERSITY OF NEW BRUNSWICK

FALL 2009

MATH 1833 (2A)

FINITE MATHEMATICS FOR BUSINESS

TIME, LOCATION: MWF 09:30-10:20, T205
INSTRUCTOR: Trevor Jones
OFFICE: Tilley 431 A
EMAIL: tjones1@unb.ca
WEBSITE: <http://www.math.unb.ca/~thj>

TEXT: *Finite Mathematics and Calculus with Applications*, 8th Edition, by Lial, Greenwell, and Ritchey

GRADES: 10% Assignments: Submitted online.
30% Test 1: October 5, 2009 from 16:30-18:30
30% Test 2: November 2, 2009 from 16:30-18:30
30% Test 3: To be scheduled

PREREQUISITE: New Brunswick Mathematics 112 GA (Geometry and Applications) and New Brunswick Mathematics 112 FR (Functions and Relations), or equivalent.

NOTE: Credit for MATH1833 will not be given if the student has previously taken either MATH 1503 or MATH 2213.

CALCULATORS: A scientific calculator is needed for the course by September 15th. You should bring the calculator to class. You must have a permutation button, ${}_nP_r$, a combination button, ${}_nC_r$, a factorial button, $n!$, and an exponent button, x^y or y^x . Your calculator cannot have matrix or graphing capabilities. My recommendation is a Dual Power "Sharp DAL" calculator. This calculator is \$20-\$30 and is available at the campus book store.

SYLLABUS: We will cover the following material:

- Sets and Probability (7.1-7.6, 8.1-8.3)
- Mathematics of Finance and Linear Equations (5.1-5.3, 1.1-1.2)
- Matrices and Linear Programming (2.1-2.5, 3.1-3.3)

REVIEW: Review sessions will be provided by the Math Help Centre on the following dates:

- October 4, 2009 from 10:00-12:00 in T102
- November 1, 2009 from 10:00-12:00 in T102