

Math 1000, Summer B (July 2nd - August 15th, 2008)
6:05pm to 8:45pm, M W, Dunn 302

Contact Information and Office Hours

Instructor: Rebecca White Website: www.mathstat.dal.ca/~wrebecca/m1000.html

To contact your instructor, email wrebecca@mathstat.dal.ca or come to her office Room 312, Chase Building. Office hours are **Monday 3pm-5pm** and **Wednesday 10am-12am** or by appointment.

Course Description (from calendar)

This class offers a self-contained introduction to differential and integral calculus. The topics include functions, limits, differentiation of polynomial, trigonometric, exponential and logarithmic functions, product, quotient and chain rules, applications of differentiation, antiderivatives and definite integrals, integration by substitution. A sequel to this class is Math 1010.

Textbook

Calculus - Early Transcendentals, Sixth Edition, by James Stewart. This textbook will also be used in MATH 1010. Students who intend to continue Calculus in their second year are encouraged to purchase an extended version of the textbook which also discusses topics covered in Math 2001/2.

Evaluation

- Homework assignments: 30%
- Midterm exam: 20%
- Final exam: 50%

The midterm exam will be in the first half of the class on **Monday, July 21, 2008**. The final exam will be held in the last class **Wednesday, August 13, 2008**.

Due to the short length of the course, no assignments will be accepted late. There will be an assignment based on the material of each class, due the following Monday. A list of assignment questions (from the text book) is attached. Each assignment will be of equal weight.

Conversion Scale

$[0, 50)F$, $[50, 55)D$, $[55, 58)C-$, $[58, 62)C$, $[62, 65)C+$, $[65, 70)B-$, $[70, 75)B$, $[75, 80)B+$, $[80, 85)A-$, $[85, 90)A$, $[90, 100]A+$

Students with disabilities

Students with disabilities are encouraged to register as quickly as possible at the Student Accessibility Services if they want to receive special accommodations. To do so please phone 494-2836 or e-mail access@dal.ca, drop in at room G28 of the Killam library, or visit the website at www.studentaccessibility.dal.ca.

Math and Stats Learning Centre

The Math and Stats Learning Centre will be open during the summer, from 12pm to 2pm and 4pm to 6pm Monday to Thursday, in room 227 in the Chase Building. There you may ask questions about the material or assignments.

Course Schedule

- Wednesday, July 2
Introduction to the class
Sections 2.1, 2.2, 2.3
- Monday, July 7
Assn # 1 due
Sections 2.5, 2.7, 2.8
- Wednesday, July 9
Sections 3.1, 3.2, 3.3
- Monday, July 14
Assn # 2 and # 3 due
Sections 3.4, 3.5, 3.6
- Wednesday, July 16
review for midterm handed out
Sections 3.7, 3.8, 3.9, 3.10(omitting differentials)
- Monday, July 21
Assn # 4 and # 5 due
Midterm (in first half of class)
Sections 4.1, 4.2, 4.3
- Wednesday, July 23
review of Sections 4.1, 4.2, 4.3
Sections 2.6, 4.4, 4.5
- Monday, July 28
Assn # 6 and # 7 due
Sections 4.7, 4.9
- Wednesday, July 30
Sections 4.9, 5.1, 5.2
Review sheet and sample final will be handed out
- Monday, August 4
No class, Natal Day
- Wednesday, August 6
Assn # 8 and # 9 due
Sections 5.3, 5.4
- Monday, August 11
Assn # 10 due
Section 5.5
Review for final exam
- Wednesday, August 13
Final Exam