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Math 184, Section 922
Differential Calculus for Social Science and Commerce
The University of British Columbia
Summer 2013

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Instructor: Jose Gonzalez.
Office Hours: Monday and Thursday 2-3pm or by appointment. Room LSK 303C.
E-mail: jgonza@math.ubc.ca
Website: http://www.math.ubc.ca/~jgonza/teaching.html
Text: Calculus: Early Transcendentals, 3rd Custom Edition for UBC, by Briggs and Cochran.
Supplements: Any supplemental notes for specific topics will be posted on the website.
Clickers: Clickers will be used for in-class participation throughout the course.

The Math 184 Course:

Math 184 is a course in differential calculus intended for students with no previous knowledge of calculus, with applications and examples drawn primarily from business and economics. Math 184 and 104 are equivalent in technical content to Math 100/180/102 and serve as a prerequisite for any of Math 101/103/105. [All students will receive credit for this course in the summer term; even if you took calculus in high school. This course is eligible for Credit/D/Fail grading, and the grading option deadline is May 17].

The lectures:

Mondays 10am-11am, and Tuesdays, Wednesdays, Thursdays and Fridays 10am-12pm. Room Math Annex 1100.

For help with the material:

Resources for help with the course material include the office hours by the instructor (see below), weekly office hours by our section's teaching assistant (room and time TBA) and free tutoring at the learning center (LSK 300). The office hours by the instructor are:

        Office Hours Option 1:   Monday, 2pm-3pm, Math Learning Center, LSK 303C.
        Office Hours Option 2:   Thursday, 2pm-3pm, Math Learning Center, LSK 303C.
        Office Hours Option 3:   By appointment.

You are encouraged to use these resources throughout the course.

Grading:

Your final grade for the course is based on your scores on the **Web Homework** (two assignments per week), your scores on **four written Quizzes** (weekly on Mondays), your scores on the **Final Exam** (cumulative), and your score for **Participation** in class. The corresponding percentages are as follows.

- Web Homework (two per week):   15%
- Quizzes (four weekly quizzes on Mondays):   30%
- Final Exam (**Cumulative**):   50%
- Participation: 5%

Web Homework Assignments:

Online homework for the course will be provided via the WeBWorK system. The assignments will be posted at: https://webwork.elearning.ubc.ca/webwork2/MATH184-922_2013S1 where you need to log in using your CWL. There will be two assignments posted per week, each due on the following Tuesday and Friday at 8:00 AM, with the first assignment due on Friday, May 17 at 8:00 AM. You may attempt each question several times without a penalty for a wrong answer up to a certain maximum specified for each problem. The numbers in the questions are different for each student. Do the problems by yourself and without the use of other calculators or software (WeBWorK software itself acts as a basic calculator). There will be no deadline extension and no make-up for missed web homework assignments.

Quizzes:

There will be four quizzes on the material covered in class that combined will count for 30% of your final grade. The quizzes will be on the last four Mondays of the term: May 27, June 3, June 10 and June 17. Missing a quiz normally results in a mark of zero. Exceptions may be granted in two cases: prior consent of the instructor or a medical emergency. In the latter case, the instructor must be notified within 48 hours of the missed quiz, and presented with a doctor's note immediately upon the student's return to UBC. In such cases, there will be no make-up quiz, but the final exam mark will be adjusted to make up for the missed quiz mark.

Final Exam:

Final Exam will be strictly closed book: no books, notes, formula sheets or calculators will be allowed. The final exam will be held during the week of June 24 to June 28, and will be 150 minutes in duration. All students must be available to take the final exam on the scheduled exam date which will be decided in late May. Under normal circumstances, a student who does not write the final exam will receive a failing course grade.

Participation:

Students are expected to attend lectures and complete all in-class activities and pre-reading assignments. Clickers are required and will be used throughout the course. Some clicker activities count for attendance and some can be marked for correctness.

Important Dates:

The following dates are posted to help you organize your schedules. They are subject to modification but that is unlikely. Please, check our section's website for current information.

First day of classes:	Monday, May 13.
Last day of classes:	Thursday, June 20.
Victoria Day:	Monday, May 20. No classes. University closed.
Last day to withdraw:	Without a W standing: Friday, May 17.
	With a W standing: Friday, May 31.
Quizzes:	Mondays, May 27, June 3, June 10 and June 17.
Final Exam:	Date to be announced. Exam Dates: June 24-28.