Course Outline  
Math 105 – Section 211 – 2012W Term 2 (Jan.–Apr. 2013)  
Integral Calculus with Applications to Commerce and Social Sciences

Instructor: Kyle Hambrook  
Email: hambrook@math.ubc.ca  
Lectures: MWF 16:00–17:00 in Buchanan A202.  
Office Hours: After class or by appointment.  
Course Websites:  
• http://www.math.ubc.ca/~hambrook/math105/  
• http://www.math.ubc.ca/~kliu/common105.html

Topics:  
• Multivariable optimization  
• Definite and indefinite integrals  
• The fundamental theorem of calculus  
• Techniques of integration  
• Separable differential equations  
• Probability  
• Sequences and series

Marking Scheme:  
• Homework Assignments – 6%  
• WebWork Assignments – 10%  
• Midterm Exam 1 – 17%  
• Midterm Exam 2 – 17%  
• Final Exam – 50%  
The final grade may be scaled to ensure fairness across sections.

Homework Assignments: There will be approximately 3 homework assignments. Assignments will be posted on the course website approximately one week before they are due. Assignments are to be handed in at the beginning of class. Late assignments will not be accepted. Assignments may be handed in early. You may work together on assignments, but the final write-up must be your own.

WebWork Assignments: About 10 to 15 homework problems will be posted on WebWork each week. Problems will be due a week after they are posted. Late assignments will not be accepted. You will need your CWL login and password to access your homework problems: https://webwork.elearning.ubc.ca/webwork2/MATH_105_201_2012W2_13159/

Exams:  
• Midterm Exam 1 - Thursday, January 31, 6:30 PM – 7:20 PM  
• Midterm Exam 2 - Thursday, March 14, 6:30 PM – 7:20 PM  
The locations of the midterm exams will be announced when they are known. The date, time, and location of the final exam will be announced when they are known. No calculators, cell phones, or other electronic devices are permitted on exams. Formula sheets are not allowed.
Missed Assignments and Midterm Exams: Missed assignments and midterm exams will typically be given a score of 0. Allowance for a missed assignment or midterm exam may be granted in the following two circumstances:

(a) Prior notice of a valid, documented absence on a scheduled date (e.g. out-of-town varsity athletic commitment) is provided.

(b) The instructor is notified within 72 hours of an absence due to a medical condition or death in the family. Written documentation is required.

Academic Misconduct: UBC takes incidents of cheating and plagiarism very seriously. After due investigation, students found guilty of cheating on tests and exams are usually given a final grade of 0 in the course and suspended from UBC for one year. Additionally, a notation is made on their Transcript of Academic Record. Plagiarism carries a similarly severe penalty. Academic misconduct includes misrepresenting a medical excuse or other personal situation for the purposes of obtaining an academic concession.