

COURSE OUTLINE 2005-2006
MATH 105, Section 211 (3 credits)
Integral Calculus with Applications to Commerce and Social Sciences

- **Instructor:** Sarah Mitchell
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 - office hours: TBA
- **Lectures:** Tuesdays and Thursdays in Math 100, from 16:00-17:30pm.
- **Prerequisites:** One of MATH 100, 102, 104, 111, 120, 180, 184.
- **Course webpage:** www.math.ubc.ca/~kliu/105/
There is a link to the Course webpage from my own webpage (www.iam.ubc.ca/~sarah/) where I will also put up information for my Section.
- **Drop in tutorials:** (in MSRC, Math & Stats Resouce Centre, rm 3):
Mondays 11-1pm, Tuesdays 9-11am, Wednesdays 12-2pm, Thursdays 1-3pm, Fridays 11-12pm.
- **Text:**
"Calculus: Ideas and Applications", by Alex Himonas and Alan Howard.
- **Topics:** The course covers Anti-derivatives, the definite integral, techniques of integration, partial derivatives, maxima and minima with constraints, discrete and continuous random variables. We will cover Chapters 7, 5 and 6 from the Textbook (in that order).
- **Grading:** There will be
 - **three** midterms on
Thursday January 26th, Thursday February 23rd, and Tuesday March 21st,
with the **best two marks** each accounting for 25% of the final mark. This is the **term mark** and therefore accounts for 50% of the final mark.
 - a final exam, accounting for 50% of the final mark (common to all sections). All grades will be scaled with the other sections.
- **Policies:**
 - The midterms and final examination will be strictly closed book: no formula sheets or calculators will be allowed.
 - If one midterm is missed then the other two midterms will make up the 50% term mark. If two midterms are missed then the maximum term mark is 25%, and if all three midterms are missed then the term mark is 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 test, and presented with a doctor's note immediately upon the student's return to UBC.