

Course outline: MATH 2131, WINTER 2011

Vector Calculus

Instructor. Dr. Razvan Anisca RB 2049, email: *ranisca@lakeheadu.ca*, phone 343-8681

Class schedule. Tuesday/Thursday 1:00-2:30 in RB 2024

Office hours. Tuesday/Thursday 3:00-4:00

Textbook. *Calculus: One and several variables*, Salas, Hille and Etgen, tenth edition, John Wiley & Sons Inc.

Course content. We will cover the following sections, more or less in this order: 13.1-13.6, 14.1-14.4, 15.1, 15.3-15.4, 17.1-17.10, 18.1-18.2, 18.4-18.7, 18.10

Homework. There will be seven or eight homework assignments. On the due date, you will have to drop the homework in the designated mailbox on the second floor of RB.

Exams. There will be one midterm exam on **March 8**. The final exam will be scheduled by the register's office. The exams will be **closed book** and **no calculators or other aids will be allowed**.

Grade. The midterm will be worth 35% of your final grade. The homework will count for 10%, and the final exam for 55%.