

## **Field Geology I**

Earth Sciences 206

Section: D100

Term: 2007 Fall

Instructor: Robbie Dunlop

Discussion Topics: This course introduces students to the local geology of southwestern B.C. and basic field methods including geologic mapping, data collection techniques and lithologic description.

### Course Structure

There will be three one day and one two day field-based exercises. Lectures will provide the theory needed for field exercises. The first lecture will be Wednesday, September 5th, 2006 (TASC1 7005) at 2:30-3:20 pm. \* It is very important that you attend this initial lecture!\*

### Field Exercises

September 8th, 2007 (Saturday, 9:30 am), Introductory Exercise at SFU (5% of mark)

September 22nd, 2007 (Saturday, 9:30 am), Exercise at SFU (20% of mark)

October 13th, 2007 (Saturday 8:00 am), Caufeild Cove (30% of mark).

October 26,27 & 28th, 2007 (Leaving Friday afternoon, Saturday and Sunday), Harrison Lake (40% of mark)

(This trip requires leaving for the exercise area on Friday afternoon (October 26th) and will return late on Sunday).

Grading: There will be no formal examinations. The grade will be based on text assignments done in preparation for field exercises (5%) and field reports(95%).

Required Texts: "Introduction to Field Geology", First Edition. Mary Lou Bevier, 2005, McGraw-Hill Ryerson, Canada. 191 p. ISBN 0-07-093109-7

Recommended Texts: "Geology in the Field", R.R. Compton, 1985, John Wiley & Sons, New York. 398 p. ISBN 0-471-82902-1

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NOTE: For students intending to take EASC 306, the same textbook will be used.

Materials/Supplies: Field Equipment

Some equipment will be provided, but the following material is strongly recommended (types and sources will be discussed in lectures):

geologic hammer; 10x hand lens.

The field trips will proceed regardless o

Prerequisite/Corequisite: EASC 101

Notes: Costs:

Apart from the course registration fee, students should budget for lunches during Saturday field exercises and food expenses on the extended weekend exercise.

This outline is derived from a course outline repository database that was maintained by SFU Student Services and the University's IT Services Department. The database was retired in 2014 and the data migrated to SFU Archives in 2015.