



UNIVERSITY OF CALGARY

DEPARTMENT OF GEOSCIENCE COURSE OUTLINE

1. **Course:** GLGY 337, Introduction to Geologic Field Methods

Lecture Sections:

B01: August 18 – August 30; Location: Drumheller (AB), Canmore (AB), Trail (BC)

B02: August 18 – August 30; Location: Drumheller (AB), Canmore (AB), Trail (BC)

B03: August 22 – September 03; Location: Drumheller (AB), Canmore (AB), Trail (BC)

B04: August 22 – September 03; Location: Drumheller (AB), Canmore (AB), Trail (BC)

Instructors: B01 Dr. G. Osborn, ES 510, 403-220-6448, Osborn@ucalgary.ca,
 Dr. A. Hildebrand, ES 760A, 403-220-2291, ahildebr@ucalgary.ca,
 Dr. R. Nair, ES 152, 403-220-4823, rnair@ucalgary.ca,
 B02 Dr. J. Cuthbertson, ES 520, 403-220-3261, cuthberj@ucalgary.ca,
 Dr. D. Zelenitsky, ES 250, 403-220-8016, dkzeleni@ucalgary.ca,
 Keith D'Arcy, ES 524, kbdarcy@ucalgary.ca
 B03 Dr. G. Osborn, ES 510, 403-220-6448, Osborn@ucalgary.ca,
 Dr. A. Hildebrand, ES 760A, 403-220-2291, ahildebr@ucalgary.ca,
 Dr. R. Nair, ES 152, 403-220-4823, rnair@ucalgary.ca,
 B04 Dr. J. Cuthbertson, ES 520, 403-220-3261, cuthberj@ucalgary.ca,
 Dr. D. Zelenitsky, ES 250, 403-220-8016, dkzeleni@ucalgary.ca,
 Keith D'Arcy, ES 524, kbdarcy@ucalgary.ca

Desire 2 Learn (D2L) course name: GLGY 337

Geoscience Department ES 118, 403-220-5841, geoscience.ucalgary.ca, geosci@ucalgary.ca

2. **Prerequisites:** Geology 201; Geology 202 or 203. See also Geology [Course Descriptions](#) of the University Calendar.

Notes: Enrolment in [Geology 337](#) is limited to students who started their studies prior to Fall 2014. Only Majors in a degree program requiring this course will be admitted prior to the Open Studies Registration date as specified on the Enrolment Services website (<http://www.ucalgary.ca/registrar/>). This course occurs in rugged field conditions and varying weather, for which participants must be prepared and equipped. Students will be required to cover food and accommodation costs, and a supplemental fee will be assessed to cover the costs of equipment and other resources.

3. **Grading:** The University policy on grading and related matters is described sections [F.1](#) and [F.2](#) of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Drumheller	Geologic Map of K/Q contact	20%
	Cross-section of K/Q contact	5%
Canmore	Highway 1A stratigraphic section	5%
	Geologic map of Grotto Creek	15%
	Cross-section of Grotto Creek	5%
Trail	Geologic map of Col. River site	10%
	Cross-section of Col. River site	5%
	Geologic map of power line site	10%
	Geologic report	10%
	Field notebook	10%
	Discretionary grade*	5%

*Discretionary grade based on attitude, participation, leadership, and maturity.

Letter Grade	Percent
A+	94-100
A	88-94
A-	83-88
B+	78-83
B	73-78
B-	69-73
C+	65-69
C	61-65
C-	56-61
D	50-56
F	0-50

4. **Missed Components of Term Work:** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in [Section 3.6](#). It is the student's responsibility to familiarize himself/herself with these regulations. See also [Section E.6](#) of the University Calendar

5. **Scheduled out-of-class activities:** This course will be conducted off-campus at field localities close to Drumheller, Canmore, and Trail. Field work will be conducted from about 8:30am-5pm daily, except for transport days.

REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME-ACTIVITY. If you have a clash with this out-of-class-time-activity, please inform your instructor as soon as possible so that alternative arrangements may be made for you.

6. **Course Materials:**

Recommended Textbook

“Geological Field Techniques” by Angela L. Coe, Wiley-Blackwell 2010. Available at the U of C bookstore for \$79.95. Soft-cover.

7. **Examination Policy:** There will be no formal examinations in this course. Students should also read the Calendar, [Section G](#), on Examinations.

8. **Approved Mandatory and Optional Course Supplemental Fees:** This course has a mandatory supplemental course fee of \$125.00. Students must also purchase a field school kit containing a compass, safety glasses, whistle and field notebook. For more information, see the Department of Geoscience field school [webpage](#). Students are responsible for their own accommodation and food costs.

9. **Writing across the curriculum statement:** In this course, the quality of the student's writing in the geologic report and in legend descriptions will be a factor in the evaluation of those reports. See also [Section E.2](#) of the University Calendar.

10. **Human studies statement:** N/A.

11. **OTHER IMPORTANT INFORMATION FOR STUDENTS:**

(a) **Academic Misconduct:** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the University Calendar under [Section K](#). Student Misconduct to inform yourself of definitions, processes and penalties

(b) **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on [assembly points](#).

(c) **Academic Accommodation Policy:** Students with documentable disabilities are referred to the following links: [Calendar entry on students with disabilities](#) and [Student Accessibility Services](#).

- (d) **Safewalk:** Campus Security will escort individuals day or night (<http://www.ucalgary.ca/security/safewalk/>). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.
- (e) **Freedom of Information and Privacy:** This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also <http://www.ucalgary.ca/secretariat/privacy>.
- (f) **Student Union Information:** VP Academic Phone: 220-3911 Email: suvpaca@ucalgary.ca.
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca; [Student Ombudsman](#)
- (g) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.
- (h) At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference - please participate in USRI Surveys.

The following signature lines should be added to the course outline as appropriate

Department Approval ORIGINAL SIGNED _____ Date August 1, 2014 _____

Associate Dean's Approval for
Alternate final examination arrangements: ORIGINAL SIGNED _____ Date: August 6, 2014 _____

GLGY 337 Sections B01 and B02 Field School Schedule

August 18 – 30, 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18 <i>Tutorial day on campus, leave for Drumheller</i>	19 Red Deer River field exercises	20 Red Deer River field exercises	21 Red Deer River field exercises	22 <i>Travel day: Drumheller to Canmore + Exshaw field exercises</i>	23 Exshaw field exercises
24 Exshaw field exercises	25 Exshaw field exercises	26 <i>Travel day: Canmore to Trail</i>	27 Trail field exercises	28 Trail field exercises	29 Trail field exercises	30 <i>Travel day: Trail to Calgary</i>
31	1	2	3	4	5	6

GLGY 337 Sections B03 and B04 Field School Schedule

August 22 – September 3, 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22 <i>Tutorial day on campus, leave for Drumheller</i>	23 Red Deer River field exercises
24 Red Deer River field exercises	25 Red Deer River field exercises	26 <i>Travel day: Drumheller to Canmore + Exshaw field exercises</i>	27 Exshaw field exercises	28 Exshaw field exercises	29 Exshaw field exercises	30 <i>Travel day: Canmore to Trail</i>
31 Trail field exercises	1 Trail field exercises	2 Trail field exercises	3 <i>Travel day: Trail to Calgary</i>	4	5	6