



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF GEOSCIENCE
COURSE OUTLINE
WINTER 2015

1. **Course:** Geology 435, Field Methods

Lecture Sections:

B02: May 1, 2015-May 13, 2015, Location: Carlin Canyon, Nevada, USA

Instructor, Dr. B. Beauchamp, Office ES 146, Tel. No. 403-220-8266, e-mail address, bbeauch@ucalgary.ca,

Office Hours: 8:00 – 18:00

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

2. **Prerequisites:** Geology 311 or 333, 323, 337, 341 or 343, and 381. See section 3.5.C in the Faculty of Science section of the online Calendar (www.ucalgary.ca/pubs/calendar/current/sc-3-5.html)

Antirequisite: Credit for both Geology 435 and either Geology 437 or 439 will not be allowed.

Note: Enrolment in Geology 435 is restricted to Geology and Applied and Environmental Geology majors. Registration for non-majors will require consent of the Department. This course occurs in rugged field conditions and varying weather, for which participants must be prepared and equipped. It may occur outside Canada. 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:

Map and map exercises	40%
Geologic History document	25%
Notebook and rough map	10%
Exit survey (May 13 or 14)	25%

MARK DISTRIBUTION: A. Grading Scheme

A+	96 – 100%
A	85 – 95%
A-	80 – 84%
B+	75 – 79%
B	70 – 74%
B-	65 – 69%
C+	62 – 64%
C	60 – 61%
C-	55 – 59%
D+	52 – 54%
D	50 – 51%
F	<50%

Each piece of work (assignment, laboratory report, midterm test or final examination) submitted by the student will be assigned a percentage score. The student's average percentage score for the various components listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the course letter grade

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. **Course Materials:**

TEXTBOOK: Recommended: Geological Field Techniques by Angela L. Coe, Wiley-Blackwell 2010

Topographic base map and satellite photograph to be provided by instructor

6. **Examination Policy:** No electronic or written aids (eg. cell phones, tablets, computers, PDAs, notes, textbooks) will be allowed during writing of any exams. Non-programmable calculators will be permitted to answer quantitative questions on exams, if applicable, and permission to do this will be clearly indicated on the examination paper. Students should also read the Calendar, [Section G](#), on Examinations.
7. **Writing across the curriculum statement:** e.g. In this course, the quality of the student's writing in laboratory reports will be a factor in the evaluation of those reports." See also [Section E.2](#) of the University Calendar.

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

- (a) **Misconduct:** 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: Students with Disabilities: <http://www.ucalgary.ca/pubs/calendar/current/b-1.html> [B.1](#) and Student Accessibility Services: <http://www.ucalgary.ca/access/>.
- (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) **U.S.R.I.:** 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.

Department Approval: Original Signed

Date: December 19, 2014

Associate Dean's Approval for

Alternate final examination arrangements: Original Signed

Date: December 22, 2014

Tentative Schedule:

Friday May 1 depart: Stay at Red Lion Hotel on the Falls at Idaho Falls, ID (11 hours to the Falls)

<http://www.hotelonthefalls.com/>

May 2: continue to Carlin Canyon and initial ½ day exercise.

Stay at Shilo Inn Suites in Elko NV http://www.shiloinns.com/search_results.asp?PI=RELNV

May 3, 4, 5, 6, 7, 8, 9: exercises in Carlin Canyon area

May 10: depart and visit Craters of the Moon; stay at Red Lion Hotel

May 11: return to UofC (about 11 hours)

May 12: complete maps and exercises; may start exit surveys

May 13: Exit Surveys (oral examinations) and grading complete.