



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF GEOSCIENCE
COURSE OUTLINE
WINTER 2016

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

Lecture Sections:

B03: April 30, 2016-May 12, 2016, Location: Carlin Canyon, Nevada, USA

Instructor, Dr. A. Sohrabi, Office ES 150, Tel. No. 403-220-6446, e-mail address: asohrabi@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.

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 12 or 13)	25%

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

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%

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:** Dates and times of approved class activities held outside of class hours: N/A

April 29: Safety Briefing 9:00-11:00h AM (ES 149)

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:

TEXTBOOK: Recommended: Geological Field Techniques by Angela L. Coe, Wiley-Blackwell 2010
Topographic base map and satellite photograph to be provided by instructor

7. 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.

9. 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.

11. 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: March 16, 2016

Associate Dean's Approval for
out of regular class-time activity and
alternate final examination arrangements: ORIGINAL SIGNED

Date: March 17, 2016

Tentative Schedule:

- April 29: Safety Briefing 9:00-11:00h AM (ES 149)
- April 30: Departure 7:30 AM (ES 149) from the University of Calgary
Travel by motor coach with professional driver
Stay at the Driftwood Inn Best Western (575 River Parkway, Idaho Falls, ID) (11 hours to the Falls)
- May 01: 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=RELVN
- May 02-08: Exercises in Carlin Canyon area
- May 09: Depart and visit Craters of the Moon
Stay at the Driftwood Inn Best Western at Idaho Falls
- May 10: Return to UofC (about 11 hours)
- May 11: AM: Complete maps and exercises
PM: Map and report due at 12:30 PM for everybody, followed by first set of Exit Surveys (oral examinations)
- May 12: AM-PM: Second and third sets of Exit Surveys (oral examinations)
- May 13: Grading complete