



# UNIVERSITY OF CALGARY

## DEPARTMENT OF GEOSCIENCE COURSE OUTLINE SPRING 2017

**1. Course:** GLGY 537, Advanced Field Methods

Lecture Sections: *none*

Lab Section B01: May 1-16, 2017 – area of Green River, Utah, USA

Dr. R. Meyer, Office: ES 110; Tel. No.: 403-210-7848; email: [rmeyer@ucalgary.ca](mailto:rmeyer@ucalgary.ca); Office Hours: “open-door” policy  
Geoscience Department ES 118, 403-220-5841, [geoscience.ucalgary.ca](http://geoscience.ucalgary.ca), [geoscience@ucalgary.ca](mailto:geoscience@ucalgary.ca)

**2. Prerequisites:** Geology 333 or 311; Geology 381; Geology 435 ( a minimum grade of “B” is required in G LGY435); Geology 445 or 341 and consent of Department ([www.ucalgary.ca/pubs/calendar/current/sc-3-5.html](http://www.ucalgary.ca/pubs/calendar/current/sc-3-5.html)). NOTE that Geology 461-Sedimentary Petrology or Geology 463-Siliciclastic Sedimentology is strongly recommended for this particular section of GLGY537.

**Notes:** Enrolment in [Geology 537](#) is restricted to Geology majors. This course occurs in rugged field conditions and varying weather, for which participants must be prepared and equipped. It may occur outside Canada (this particular section occurs in Utah, USA). 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 in 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:

|   |     |
|---|-----|
| Participation and oral interviews (“spot” tests) in the field                   | 10% |
| Field notebook (graded during & after field work; due evening before returning) | 25% |
| Oral presentations /discussions of team field work (field work evenings)        | 20% |
| Written summaries of project results (due evening before returning)             | 25% |
| 30 minute one-on-one interview & discussion about project results (May 15)      | 20% |

Each piece of work (e.g. lecture and lab exams, lab assignments, project) 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. The conversion between course percentage and letter grade is given below.

| Letter Grade | Percent | Letter Grade | Percent |
|--------------|---------|--------------|---------|
| A+           | 95-100  | C+           | 65-69   |
| A            | 90-94   | C            | 60-64   |
| A-           | 85-89   | C-           | 56-59   |
| B+           | 80-84   | D+           | 53-55   |
| B            | 75-79   | D            | 50-52   |
| B-           | 70-74   | F            | 0-49    |

**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:** A Safety Briefing will be held prior to departure, tentatively on Monday May 1 in room ES 136, time to be announced. Aside from that, the classes take place entirely off-campus, in the area of Green River, Utah, USA, and on route to- and from Green River.

**6. Course Materials:** for review and reference, textbooks on the depositional/stratigraphic settings of siliciclastic sedimentary rocks are recommended, for example:

Sedimentary Rocks in the Field – A Color Guide (2005) by Dorrik A.V. Stow.

Facies Models 4 (2010) by Noel P. James and Robert W. Dalrymple (editors)

7. **Examination Policy:** There will be no written Exams in this course; see point 3., above. Students should also read the Calendar, [Section G](#), on Examinations.
8. **Approved Mandatory and Optional Course Supplemental Fees:** Supplementary fees will be managed as a Group Studies Program, UCI.
9. **Writing across the curriculum statement:** The quality of the student's writing will be a factor in the evaluation of student work. See also [Section E.2](#) of the University Calendar.

**10. 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) **Conduct in the Field:** It is expected that all participants in the course, students and instructors alike, will contribute to an environment of mutual respect and help foster a safety-conscious attitude in the field. In support of the norms and behavior expected in the field a Safety Briefing is held prior to the course (see point 5. above).
- (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) **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>.
- (e) **Student Union Information:** [VP Academic](#) Phone: 220-3911 Email: [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca).  
SU Faculty Rep. Phone: 220-3913 Email: [sciencerep@su.ucalgary.ca](mailto:sciencerep@su.ucalgary.ca); [Student Ombudsman](#)
- (f) **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](http://www.ucalgary.ca/usri)). Your responses make a difference – please participate in USRI Surveys.

A separate document provides all required Course Information including a detailed schedule of activities, travel and accommodation logistics, equipment needed, etc.

Department Approval: ORIGINAL SIGNED

Date: February 1, 2017

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

Date: February 10, 2017