

UNIVERSITY OF CALGARY  
DEPARTMENT OF GEOSCIENCE  
COURSE OUTLINE

1. **Course:** GLGY/GOPH 449, Petrophysical Techniques

Lecture Sections:

GLGY 449 L01: MoWeFr, 15:00-15:50, ES 162

Instructor: Mike Lloyd, ES108, Tel. No. 403-220-6025, [mlloyd@ucalgary.ca](mailto:mlloyd@ucalgary.ca), Office Hours: Open-door policy or by appointment

GOPH 449 L01: MoWeFr, 15:00-15:50, ES 162

Instructor: Larry Lines, ES507, Tel. No. 403-220-2796, [lrines@ucalgary.ca](mailto:lrines@ucalgary.ca), Office Hours: TBA

Lab Sections:

Session	Time	Days	Location
B01	08:00 – 09:50	Th	ES 149, ES 924 or EEL 133
B02	10:00-11:50	Th	ES 149, ES 924 or EEL 133
B03	12:00-13:50	Th	ES 149, ES 924 or EEL 133
B04	14:00-15:50	Th	ES 149, ES 924 or EEL 133
B05	16:00-17:50	Th	ES 149, ES 924 or EEL 133

The course website can be found on blackboard: (<http://blackboard.ucalgary.ca>)

Departmental Office: ES118, 403-220-5184, [geosci@ucalgary.ca](mailto:geosci@ucalgary.ca)

2. **Prerequisites:** GLGY 381 and GOPH 355 (see <http://www.ucalgary.ca/pubs/calendar/current/geology.html>)

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:

Lab Assignments (7)	40%
Test #1 – (weeks 1-4)	10% (Oct. 09/13, in-class)
Test #2 – (weeks 5-9)	10% (Nov. 13/13, in-class)
Final Examination	30% (To be scheduled by the Registrar)
Summary poster & presentation on selected technical/scientific paper	10% (Tentatively Scheduled Nov. 28/13)

Due-dates for the lab assignments are specified with anticipation (see accompanying document "Course topics/schedule"); 25% per day will be subtracted from late submissions.

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

Each piece of work (e.g. lab assignments, semester exams, poster) 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 above.

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:** None

**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:** *"Geological Interpretation of Well Logs", 3<sup>rd</sup> Edition, 2011, by Malcolm Rider and Martin Kennedy, Rider. There will be some course notes put on BB for alternate textbook references on reserve at the Gallagher Library.*

**Online Course Components:** Blackboard(Bb): the course Blackboard site will contain Lab hand-outs as well as copies of the lectures, and additional useful resource materials are also posted. However, students are advised that staying current with materials posted on Bb is not a substitute for attendance at lectures. The latter provide an interactive environment that complements and provides tangible context to the subject matter treated in the textbook and in lab exercises

7. **Examination Policy:** Aids allowed: non-programmable calculator and, if needed, a ruler. Students should also read the Calendar, [Section G](#), on Examinations.
8. **Approved Mandatory and Optional Course Supplemental Fees:** None
9. **Writing across the curriculum statement:** "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.
10. **Human studies statement:** N/A. See also [Section E.5](#) of the University Calendar.

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 (FOIPPA). 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](mailto:suvpaca@ucalgary.ca).  
SU Faculty Rep. Phone: 220-3913 Email: [sciencerep@su.ucalgary.ca](mailto: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.

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

# Original Signed