



# UNIVERSITY OF CALGARY

## DEPARTMENT OF GEOSCIENCE COURSE OUTLINE FALL 2016

### 1. **Course:** GLGY 209, Introduction to Geology

Lecture Sections:

L01: Tu, Th, 9:30-10:45, ENG 060

#### **Instructor:**

Dr. Glenn Dolphin, Office: ES 134, ph. (403) 220-6025, e-mail: [glenn.dolphin@ucalgary.ca](mailto:glenn.dolphin@ucalgary.ca); Office Hours: by appointment.

#### **Graduate Teaching Assistant:**

Rudy Bhargava, Office: ES 107, Email: [abharga@ucalgary.ca](mailto:abharga@ucalgary.ca), Office hours: by appointment

Course materials are posted on Desire 2 Learn (D2L): GLGY 209 - (Fall 2015) - Introduction to Geology. Geoscience Department ES 118, 403-220-5841, [geoscience.ucalgary.ca](http://geoscience.ucalgary.ca), [geoscience@ucalgary.ca](mailto:geoscience@ucalgary.ca)

### 2. **Prerequisites:** N/A

**Antirequisite:** Credit for both Geology 201 and 209 will not be allowed. 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](http://www.ucalgary.ca/pubs/calendar/current/sc-3-5.html)).

**Note:** Not open for credit to Honours, Majors or Minors in Geology, Geology (Petroleum Geology Concentration), Applied and Environmental Geology, Geophysics, Environmental Science (Geology Concentration) or Natural Sciences (Geoscience Concentration).

### 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:

Assessment of development I	20% ( <b>5 October</b> ; held during regular class time)
Assessment of development II	20% ( <b>9 November</b> ; held during regular class time)
Final Exam	30% (to be scheduled by registrar)
Other (Group assignments etc.)	20% (details to be discussed in class)
Final project	10% (details discussed in class)
Group/self-assessment	a multiplier ( $1 \geq x \geq 0$ ) used in calculating your final mark for the course.

#### Grading Scheme

A+	95 – 100%
A	90 – 94.999%
A-	85 – 89.999%
B+	80 – 84.999%
B	75 – 79.999%
B-	70 – 74.999%
C+	65 – 69.999%
C	60 – 64.999%
C-	56 – 59.999%
D+	53 – 55.999%
D	50 – 52.999%
F	<50%

Each piece of work (assignments, projects, midterm developmental assessments and final examination) submitted by the student will be assigned a numerical score. The student's numerical 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 (bearing in mind that grade F will be result if the student does not pass components listed 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:** N/A
6. **Course Materials:** Stories in Geology: What we know and how we figured it out, by Glenn Dolphin. Please purchase this book, online at [www.grtep.com](http://www.grtep.com). Click on "Click here to purchase", then choose institution "University of Calgary", and course "Intro to Geology – Dolphin".
7. **Examination Policy:** No electronic or written aids (e.g. 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.
8. **Team-based work and ITP Metrics:** As you will begin to understand from my stance on how learning takes place, it seldom happens with any efficacy in a one-way fashion (instructor talking, you listening). There needs to be a back and forth to the communication. Because it is not reasonable that I can have productive one-on-one conversations about all course materials with everyone in this large class, I am facilitating the discussion part by having you work in groups for all assessments of development. This can be a great asset for your developing understanding of course content, and I hope everyone will take advantage of it. However, working in a group is not an easy task. Sometimes we think we are helping, but that is not how it is perceived by the rest of the group. Sometimes it seems like we didn't do anything to help, and that IS how it was perceived by the rest of the group. To help each individual of the team be more mindful of their contributions, you will be participating in team member and self-evaluations. You will get an invitation for ITP Metrics (<https://www.itpmetrics.com/>), who specialize in helping groups function to their highest capacity, to evaluate yourself, and your team mates' contributions to the work that you produce during the term. These evaluations will result in a score that will be used as a multiplier influencing your final mark in the course. If you work well in your group, it gets reflected in the evaluation and the multiplier is higher. If less participation is perceived by the group, the multiplier is smaller. The multiplier has an influence on the final mark. More details to follow.
9. **The power of choice in assignments:** Because I am a believer that people do their best work when they are doing something they enjoy, or at least have some say in deciding to do it, I am giving the opportunity for students to choose the assignments they wish to have marked. All assignments must be completed and turned in on time (for a class participation mark), however there are eight short-term assignments. All eight will be scored as either "complete and competent" or "incomplete". You decide, prior to submission, which four assignments you wish to have marked for a short-term assignment grade, using a rubric supplied on D2L with the assignment. The only exception is that ALL groups must do the short-term Wikipedia assignment. For the long-term assignment, there will be three different options for your group to choose one and do.;
10. **Research into student learning:** Part of my responsibility in the geology department is to investigate how students learn and what types of teaching strategies work best to facilitate that learning. As a result, I will be using some of the assignments you produce as data to assess the development of your understandings. The assignments that I will be using as data are assignments that you will be doing as a part of the course, already. The analysis of the data will have no impact on your grade in the course, and will take place after the course is done, and the grades have all been submitted. I will have all of the data (individual and group responses to exam questions and short- and long-term assignments) anonymized (all group and personal identifying information removed), so I can analyze and discern generalities in responses. Your participation in this is greatly appreciated and will help enhance the learning of future students by helping me to understand what kinds of teaching strategies seemed to work well and which ones need some improvement. Again, there will be no personal or identifying information connected to any of the data analyzed. If you wish, you can opt out of the research aspect by sending me a signed letter asking for your personal responses to be expunged from the data collection process. If you would like to follow up on the results that I reach, you may email me for such information. More details to follow.

## 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: Students with Disabilities: <http://www.ucalgary.ca/pubs/calendar/current/b-1.html> 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: 403 220-3911 Email: [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)  
SU Faculty Rep. Phone: 403 220-3913 Email: [science1@su.ucalgary.ca](mailto:science1@su.ucalgary.ca), [science2@su.ucalgary.ca](mailto:science2@su.ucalgary.ca)  
and [science3@su.ucalgary.ca](mailto:science3@su.ucalgary.ca);  
Student Ombuds Office: 403-220-6420 Email: [ombuds@ucalgary.ca](mailto:ombuds@ucalgary.ca); <http://ucalgary.ca/provost/students/ombuds>
- (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](http://www.ucalgary.ca/usri)). Your responses make a difference – please participate in USRI Surveys.

Department Approval: ORIGINAL SIGNED

Date: August 16, 2017