



**UNIVERSITY OF
CALGARY**

DEPARTMENT OF GEOSCIENCE
COURSE OUTLINE
WINTER 2017

Civilization exists by geological consent, subject to change without notice.

--Will Durant, What Is Civilization?, 1946

We are part of the earth and it is part of us ... What befalls the earth befalls all the sons of the earth.

-- Chief Seattle, Address to the Pacific Northwest Commissioner of Indian Affairs, 1854

Man and man's earth are unexhausted and undiscovered. Wake and listen! Verily, the earth shall yet be a source of recovery.

--Friedrich Nietzsche, Thus Spake Zarathustra, 1911

1. Course: GLGY 202, Applications of Geoscience

Lecture Sections:

L01: MoWeFr, 09:00-09:50, ES 162

L02: MoWeFr, 11:00-11:50, ENG 60

For a listing of all lab sections corresponding with this course, please see the following link:

http://geoscience.ucalgary.ca/geoscience_info/courses/w17

Lecture Instructors		Office Hours*
Name:	Dr. Jerry Osborn	TBA
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Name:	Dr. Dan Georgescu	TBA
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Lab Coordinator		
Name:	Julia Pickering	
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Geoscience Department ES 118, 403-220-5841, geoscience.ucalgary.ca, geoscience@ucalgary.ca

2. Prerequisites: Geology 201. See [Course Descriptions](#) in the University Calendar.

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:

Weekly lab assignments	22%
Lab quizzes	6%
Lecture midterm exam	22% (March 2, 2017; 6:30-8:00 p.m.; ST 135, ST 141, ST 143, ST 145)
Lab final exam	12%
Lecture final exam	38% (To be Scheduled by the Registrar)

Students must achieve a minimum of 50% in **EACH OF** the total lab components and total lecture components of the course, to obtain a passing grade in the course.

Individual elements of the course (i.e. labs, exams) will be assigned a percentage score. Final percentage grades for the overall course will be calculated based on the grade weighting scheme indicated above and will be converted to letter grade as follows:

Letter Grade/ Percentage conversions

A+ 95- 100	C+ 65- <70
A 90- <95	C 60- <65
A- 85- <90	C- 56- <60
B+ 80- <85	D+ 53- <56
B 75- <80	D 50- <53
B- 70- <75	F 0- <50

Deferred exams offered in this course may be in a format different from that of regular exams (i.e., all short-answer questions).

Extra Credit

Extra credit may be granted for extra class-directed work, such as researching a problem arising in class, by agreement at the time. However, any such credit must be applied for in writing at the end of the term. There is no provision for doing extra-credit projects at the end of the term for purposes of grade-raising.

- 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:** MID-TERM EXAM FOR BOTH LECTURE SECTIONS will be held during an evening; date/time TBA.

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:** Readings will be assigned from the textbook already used in Ggly 201 (Fletcher, Physical Geology: The Science of Earth, 2nd ed.), as well as Keller, Environmental Geology, 9th ed.
- 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. Students should also read the Calendar, [Section G](#), on Examinations.
- 8. 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.

9. 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 (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: 403 220-3911 Email: suvpaca@ucalgary.ca
SU Faculty Rep. Phone: 403 220-3913 Email: science1@su.ucalgary.ca, science2@su.ucalgary.ca
and science3@su.ucalgary.ca;
Student Ombuds Office: 403-220-6420 Email: 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). Your responses make a difference – please participate in USRI Surveys.

Department Approval: ORIGINAL SIGNED

Date: January 2, 2017

Assistant Dean's Approval for
out of regular class-time activity: ORIGINAL SIGNED

Date: January 4, 2017