

UNIVERSITY OF CALGARY
DEPARTMENT OF GEOSCIENCE
COURSE OUTLINE

1. **Course:** GLGY 311, Minerals and Rocks

Instructor: Dr. Jennifer Cuthbertson, ES520, 403-220-4709, cuthberj@ucalgary.ca, Office Hours: by appointment.

Timetable:

Session	Time	Days	Location
L01	14:00 – 14:50	MoWeFr	CHC 119
B01	8:00-10:50	Tues	ES 115
B02	11:00-13:50	Tues	ES 115
B03	14:00-16:50	Tues	ES 115
B04	17:00-19:50	Tues	ES 115
B05	8:00-10:50	Th	ES 115
B06	11:00-13:50	Th	ES 115
B07	14:00-16:50	Th	ES 115
B08	17:00-19:50	Th	ES 115
B09	8:00-10:50	Mo	ES 115
B10	8:00-10:50	Fr	ES 115
T01	9:00-9:50	We	ES 115
T02	10:00-10:50	We	ES 115
T03	11:00-11:50	We	ES 115
T04	8:00-8:50	We	ES 115
T05	12:00-12:50	We	ES 115
T06	13:00-13:50	We	ES 115
T08	15:00-15:50	We	ES 115
T09	16:00-16:50	We	ES 115
T10	17:00-17:50	We	ES 115
T11	18:00-18:50	We	ES 115

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

Departmental Office: ES118, 403-220-5184, geosci@ucalgary.ca

2. **Prerequisites:** GLGY 201; GLGY 202 or GLGY 203; Chemistry 201 or 211; Chemistry 203 or 213.

(see <http://www.ucalgary.ca/pubs/calendar/current/geology.html#9723>)

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:

Laboratories	15%
Tutorials	5%
Lec/Lab Midterm Exam	25% (Week of Oct 28)
Lab Final Exam	30% (Week of Dec 2)
Lec Final Exam	25% (To be scheduled by the Registrar)

Individual elements of the course (i.e. labs, tutorials, 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 grades as follows:

Letter Grade	Percent
A+	94-100
A	88-94
A-	83-88
B+	78-83
B	73-78
B-	69-73

C+	65-69
C	61-65
C-	56-61
D	50-56
F	0-50

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

All assigned laboratories and tutorials should be submitted when due. **Late labs or tutorials will not be accepted without a doctor's note.** Any student who fails to submit an lab or similar required piece of work for legitimate reasons (e.g., illness) must discuss an alternative course of action with the instructor.

5. **Scheduled out-of-class activities:** There will be no mandatory activities held outside of class hours. Optional tutorial sessions may be held prior to the final exam, but these will be discussed in class prior to the examination period. **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:**

Required Text: Nesse, William D., 2000. Introduction to Mineralogy. Oxford University Press. ISBN: 0-19-510691-6. [2nd Edition came out in January 2012 – this one is fine also]

Recommended Text: MacKenzie, W.S. & Adams, A.E., 1994. A Color Atlas of Rocks and Minerals in Thin Section. Wiley – Halsted Press. ISBN 0-470-23338-9.

A reading list for the required text will be provided on Blackboard. A list of books on reserve at the Gallagher Library will be provided on Blackboard.

Online Course Components: The Blackboard website (blackboard.ucalgary.ca) will be used throughout the course to make announcements and distribute lecture notes, laboratories, and other supplementary materials. Please check the course website regularly. Students are strongly encouraged to print the necessary materials and bring them to the lectures and labs.

7. **Examination Policy:** Students will be allowed to bring in a cheat sheet for laboratory exams, but not for the final lecture exam. In addition, writing instruments, rulers and non-programmable calculators will be permitted on exams. Students should also read the Calendar, [Section G](#), on Examinations.

8. **Approved Mandatory and Optional Course Supplemental Fees:** N/A

9. **Writing across the curriculum statement:** In this course, the quality of the student's writing will be a factor in the evaluation of all written work (laboratories and tutorials). See also [Section E.2](#) of the University Calendar. All students are expected to submit high quality work that is well-organized. Quality work must be clearly written, with questions labelled and in order, all tables and diagrams properly labelled, assumptions clearly stated, information sources properly referenced, and final answers clearly indicated (with appropriate units and significant figures).

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 (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.

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

Original Signed