



UNIVERSITY OF CALGARY  
FACULTY OF SCIENCE  
DEPARTMENT OF GEOSCIENCE  
COURSE OUTLINE  
FALL 2016

1. **Course:** Geology 463, Siliciclastic Sedimentology

Lecture Section:

L01: Mo We Fr, 15:00-15:50, ENE 241

Instructor: Dr. R. Meyer, Office ES 110, Tel. No. 403-210-7848, e-mail address, [rmeyer@ucalgary.ca](mailto:rmeyer@ucalgary.ca),

Office Hours: Open-door policy or by appointment.

Teaching Assistants: TBA.

d2L Course: GLGY 463 L01 – (Fall 2016) – Siliciclastic Sedimentology

Geoscience Department ES 118, 403-220-5841, [geoscience.ucalgary.ca](http://geoscience.ucalgary.ca), [geoscience@ucalgary.ca](mailto:geoscience@ucalgary.ca)

2. **Prerequisites:** Geology 323; and Geology 343 or 341; and Geology 381. 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))

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:

Lecture Quizzes:

|  |     |                  |
|--|-----|------------------|
| Friday Sept 30                                       | 5%  |                  |
| Friday Oct 21  | 5%  |                  |
| Wednesday Nov 9                                      | 5%  |                  |
| Friday Dec 2   | 5%  |                  |
| Core Description Report – Due in Lab Oct 4/6         | 5%  |                  |
| Field Trip Report – Due in Lab Oct 11/13             | 5%  |                  |
| Poster Presentation – in Labs Nov 29/Dec 1           | 10% |                  |
| Thin-section Project Report – DUE Friday Dec 9       | 10% |                  |
| Lab Exam (focus on Petrology) – in Labs Nov 22/24    | 25% |                  |
| Lecture Final Exam (3 hrs.) – Scheduled by Registrar | 20% |                  |
| Top Hat classroom response system participation      | 5%  | [See Note below] |

- Both Lab and Lecture Exams are cumulative. The Lecture Quizzes, while focusing on topics covered since prior Quizzes, should also be considered as cumulative.
- NOTE that during Lab periods of Sept 27 and Sept 29 Field Trips will be carried-out to nearby sandstone outcrops within NE Calgary. The Department of Geoscience will provide transportation to- and from the field site within each of the 3-hour time frames of the different Lab Sections.
- The Top Hat® classroom response mark of 5% is based on participation only. Note that students don't have to be present for every question – a score of about 85% might correspond to a full mark. If you wish to opt-out of this mark the corresponding 5% will be added to the weight of the Final Exam.
  - ▶ **To opt-out students must inform the instructor R.Meyer in writing (via email) by Friday December 2.**

Each piece of work (e.g. Quizzes, Reports, Poster Presentation, Exams, and Top Hat® participation) 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. **Course Materials:**

Textbook: James, N.P. and Dalrymple, R.W. (2010), *Facies Models* 4, *GEotext* 6, Geological Association of Canada, 586 pp.

*ebook*: selected Chapters from Boggs, Jr., S. (2009), *Petrology of Sedimentary Rocks*, 600 pp. Available at the following persistent link: <http://site.ebrary.com.ezproxy.lib.ucalgary.ca/lib/ucalgary/detail.action?docID=10297090>.

A list of reference textbooks covering topics in sedimentary petrology are placed 'On Reserve' in the Gallagher Library.

The course D2L site will contain Lab handouts, Lab Quizzes w/answer key as well as copies of selected lecture slides. Additional useful text and graphic resource materials are also posted including links to appropriate ebooks. However, students are advised that staying current with materials posted on D2L is not a substitute for attendance at lectures and reading the textbook. The former provides an interactive environment that complements and provides tangible context to the subject matter treated in the textbook and in lab exercises.

6. **Examination Policy:** No electronic or written aids (e.g. cell phones, tablets, computers, PDAs, notes, textbooks, calculators) will be allowed during writing of any exams.

Students should also read the Calendar, [Section G](#), on Examinations.

7. **Writing across the curriculum statement:** e.g. "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.

8. **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) **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> [B.1](#) 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: 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.
- (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.

**The accompanying document ( Topics+schedule 463-F16 ) provides a Schedule of Lecture and Lab topics.**

Department Approval: ORIGINAL SIGNED

Date: August 15, 2016