



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF GEOSCIENCE
COURSE OUTLINE
WINTER 2017

1. Course: Geology 343 – 3D Geological Structures and Methods

Lecture Section:

L01: Mo We Fr, 10:00-10:50, ENG 60

Instructors: Dr. Rudi Meyer, Office ES 110, Ph. 403-210-7848, e-mail address: rmeyer@ucalgary.ca.

Dr. Alex Dutchak, Office ES 240, Ph. 403-210-6117, e-mail address: alexander.dutchak@ucalgary.ca.

Instructor's Office Hours: TBA

Teaching Assistants: TBA

d2L Course: GLGY 343 L01 - (Winter 2017) - 3D Geologic Structures and Methods

Geoscience Department ES 118, 403-220-5841, geoscience.ucalgary.ca, geoscience@ucalgary.ca

2. Prerequisites: GLGY 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)

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 will be used: five (5) in-class Quizzes, Lecture and Lab Final Exams, and Tophat® participation (make sure you have an account).

Five (5) Quizzes: <u>Fridays</u> January 27, February 10, March 3, March 17, and March 31	5 x 7% each = 35%
Lecture Final Exam – Scheduled by registrar	30%
Lab Final Exam – April 4/5/6/7	30%
Participation in Top Hat classroom response system	5% <i>[See Note below]</i>

- The three-hour Lecture Final Exam is cumulative.
- Lab assignments throughout the semester will be self-assessed by the students using Answer Keys that will be made available at the end of each week.
- Where appropriate, writing and the grading thereof will be a factor in the evaluation of student work.
- 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% corresponds 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 April 7.**

Each piece of work (e.g. Quizzes, Final 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: An Introduction to Geological Structures and Maps, by George M Bennison, Keith A Moseley, and Paul A. Olver Arnold, 2011, 8th Edition.
- The course d2L site will contain Lab handouts as well as copies of the lectures, and additional useful text and graphic resource materials are also posted. However, students are advised that staying current with materials posted on d2L is not a substitute for attendance at Lectures and Labs 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 network compatible electronic devices or written aids (e.g. cell phones, tablets, computers, PDAs, notes, textbooks) will be allowed during writing of any exams. Basic calculators with trig functions are permitted.
Students should also read the Calendar, [Section G](#), on Examinations.
7. **Writing across the curriculum statement:** Writing on exams should be clear and legible. Illegible writing will not be evaluated. See [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.
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.
- (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.

Accompanying this Outline is a Schedule of Topics (Course Topics Schedule_343 W16.pdf).