



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

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

Lecture Section:

L01: Mo We Fr, 10:00-10:50, CHC 119

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

http://geoscience.ucalgary.ca/geoscience_info/courses/w16

Instructor: Dr. Rudi Meyer, Office ES 110, Tel. No. 403-210-7848, e-mail address, rmeyer@ucalgary.ca.

Instructor Office Hours: TBA

Teaching Assistants: Marie-Pier Boivin, Cameron Dorsey, Malcolm Dorsey, Lauren Madronich, Lynsey McKinnon, and Garrett Quinn.

d2L Course: GLGY 343 L01 - (Winter 2016) - 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)

Antirequisites: Credit for both Geology 343 and 341 will not be allowed.

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: Fridays January 29, February 12,	
March 4, March 18, and April 1	5 x 7% each = 35%
Lecture Final Exam – Scheduled by registrar	30%
Lab Final Exam – April 4/5/6/7	30%
Top Hat classroom response system participation	5% [See Note below]

- The two-hour Lecture Final Exam is cumulative.
- Lab assignments throughout the semestre 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 8.**

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. Oliver 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) **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) **Student Accommodations:** Students needing an Accommodation because of a Disability or medical condition should contact Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities available at http://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities_0.pdf. Students needing an Accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the Associate Head of Geoscience, Dr. E.S. Krebs by email krebes@ucalgary.ca or phone 403-220-5850.

(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: December 23, 2015