

Geophysics 210 - Physics of the Earth
Fall 2008

Instructor Professor Martyn Unsworth
Offices : CEB348B
e-mail : unsworth@phys.UAlberta.ca
Tel : 780-492-3041

Teaching Assistant Jeff Samson

Course Schedule

Classes	Tuesday and Thursday	11:00 to 12:20	V102
Mid-term exam	Tuesday October 14 2008	11:00 to 12:20	V102
Final exam	Please check exam schedule		

Objectives of class

Understand the basic concepts of geophysics, with emphasis on applications to studies of the solid Earth.

Course outline

- A. Introduction
- B. Gravity and geodesy
- C. Seismology
- D. Geomagnetism
- E. Geothermal studies

Office hours

Office hours will be announced when the assignments are distributed in class.

If you have questions about class material, please contact me to arrange a convenient time to discuss.

Assignments

There will be a total of **four** assignments in this class. These will be due at 5 pm on the appropriate day, and should be handed in at the Geophysics 210 assignment box in CEB.

Highly recommended textbook

The Solid Earth, C.M.R. Fowler, Cambridge University Press, Second Edition, 2005.

Copies should be available at the University bookstore

Course weighting

Assignments	25%
Mid-term exam	25%
Final exam	50%

Statement on academic integrity

"The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour (online at www.ualberta.ca/secretariat/appeals.htm) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University." (GFC 29 SEP 2003)

Grading in Undergraduate Courses

Description	Letter Grade	Grade Point Value
Excellent	A+	4.0
	A	4.0
	A-	3.7
Good	B+	3.3
	B	3.0
	B-	2.7
Satisfactory	C+	2.3
	C	2.0
	C-	1.7
Poor	D+	1.3
Minimal Pass	D	1.0
Failure	F	0.0

Policy about course outlines can be found in Section 23.4(2) of the University Calendar (CGF 29 SEP 2003)