

GPH 201

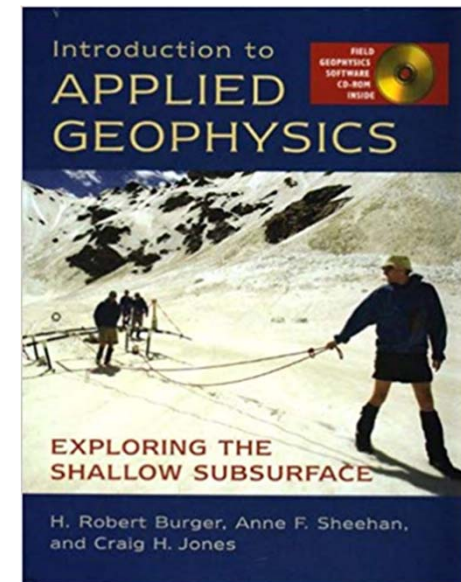
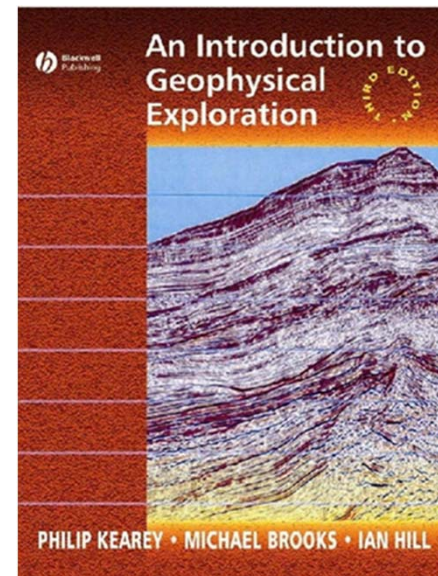
Principles of Geophysics

Credits:

3 hours (2+0+1)

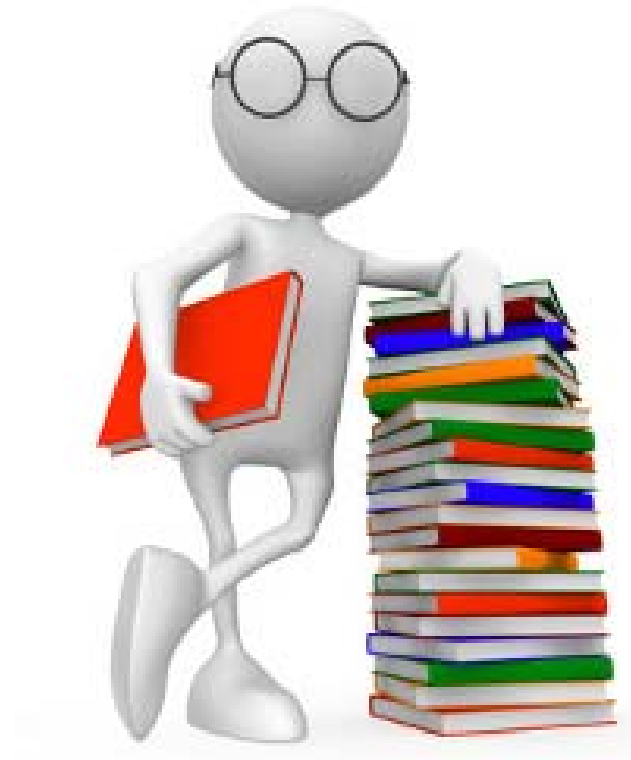
Reference Books:

- An introduction to geophysical exploration (3rd edition). P. Keary, M. Brooks, and I. Hill, Blackwell Publishing, (2002). ISBN: 0-632-04929-4
- Introduction to applied geophysics: Exploring the shallow subsurface. H.R. Burger, A.F. Sheehan, and C.H. Jones, W.W. Norton and Company, (2006). ISBN: 0-393-92637-0



Course Topics:

- ☐ Unit 1: Fundamental Considerations.
- ☐ Unit 2: Seismic Refraction.
- ☐ Unit 3: Seismic Reflection.
- ☐ Unit 4: Earthquake Seismology.
- ☐ Unit 5: Electrical Method.
- ☐ Unit 6: Gravity Method.
- ☐ Unit 7: Magnetic Method.



Grading:

- 1st Exam 10%
- 2nd Exam 10%
- 3rd Exam 10%
- Lab 30%
- Final Exam 40%



= **A**



= **B**



= **C**



= **D**



= **F**

Attendance:

- Never to be late more than (10) minutes.
- Never play with your cell phone.
- Never talk to your friend.
- Never miss more 25% of the total lectures.

Participation:

- Involve in all group discussions and activities.
- Write down all important information in your notebook.



- Join a study group.
- Make study schedule.
- Arrange your time.
- Do your best.
- Seek advice.
- Learn from mistakes.
- Be patient.



Tips and
Advice