

Provisional schedule of lectures and labs (subject to change).

Date	Lecture topic	Lab topic	Reading
Jan-06-Tue	Structural Geology - Basics		Ch. 1 p. 1-3; Ch. 2.
Jan-08-Thu	Geometry: orientation of lines and planes		
Jan-13-Tue	Stereographic projection	Lab 1	Ch. 3; Ch. 4; Ch. 5 p. 38-44.
Jan-15-Thu	Kinematics: movements within the Earth		Ch. 14 p. 118-9, 121-126.
Jan-20-Tue	Dynamics: forces within the Earth	Lab 2	Ch. 10, p. 85-87; Ch. 12.
Jan-22-Thu	Primary structures		
Jan-27-Tue	Folds: fold description	Lab 3	Ch. 6.
Jan-29-Thu	Folds: kinematics and dynamics		
Feb-03-Tue	Folds: stereographic projection	Lab 4	Ch. 7.
Feb-05-Thu	Folds: map techniques		
Feb-10-Tue	Superimposed folds	Lab 5	Ch. 8; Ch. 14 p. 127-130.
Feb-12-Thu	Boudins; Fabrics		
Feb-17-Tue	STUDY BREAK		
Feb-19-Thu	STUDY BREAK		
Feb-24-Tue	Foliations		Mid-term test
Feb-26-Thu	Lineations		
Mar-03-Tue	Joints and veins	Lab 6	Ch. 5 p. 45-51.
Mar-05-Thu	Faults: recognition and outcrop features		Ch. 9; Ch. 10 p. 88-94.
Mar-10-Tue	Faults at map scale	Lab 7	Faults, Joints and Veins
Mar-12-Thu	Fault curvature and variation of slip		
Mar-17-Tue	Normal faults	Lab 8	Faults at map scale
Mar-19-Thu	Reverse faults		
Mar-24-Tue	Strike-slip faults	Lab 9	Fault systems
Mar-26-Thu	Shear zones		Ch. 15, 16.
Mar-31-Tue	Shear zone fabric and structure	Lab 10	Structural synthesis
Apr-02-Thu	Impact structures		Ch. 11.
Apr-07-Tue	Review		