

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

Date	Lecture	Lab	Reading
11-Jan, Tue	Introduction		Ch. 1 Overview
13-Jan, Thu	Structural Geology - Basics		
18-Jan, Tue	Geometry: orientation of lines and planes	1: Orientation of Lines and Planes	
20-Jan, Thu	Stereographic projection		
25-Jan, Tue	Primary structures	2: Unconformities, Cross-sections and Geologic History	Ch. 2 Primary and nontectonic structures
27-Jan, Thu	Folds: fold description		Ch. 10 Folds and folding
1-Feb, Tue	Folds: stereographic projection	3: Stereographic Projection	
3-Feb, Thu	Folds: map techniques		
8-Feb, Tue	Superimposed folds	4: Folded surfaces	
10-Feb, Thu	Boudins		Ch. 11 Foliations and lineations
15-Feb, Tue	Foliations	5: More about Folds	
17-Feb, Thu	Lineations		
22-Feb, Tue	STUDY BREAK		Ch. 4 Deformation and strain
24-Feb, Thu	STUDY BREAK		Ch. 3 Force and stress
1-Mar, Tue	Kinematics	Mid-term test	
3-Mar, Thu	Dynamics		
8-Mar, Tue	Joints and veins	6: Fabrics and Folds	Ch. 7 Joints and veins
10-Mar, Thu	Faults: recognition and outcrop features		Ch. 8 Faults and faulting
15-Mar, Tue	Faults at map scale	7: Fractures	
17-Mar, Thu	Fault curvature and variation of slip		
22-Mar, Tue	Normal faults	8: Measuring Fault Slip	
24-Mar, Thu	Reverse faults		
29-Mar, Tue	Strike-slip faults	9: Fold and Thrust Belts	
31-Mar, Thu	Shear zones		Ch. 12 Ductile shear zones
5-Apr, Tue	Shear zone fabric and structure	10: Field Mapping in the Geoscience Garden	
7-Apr, Thu	Impact structures		
12-Apr, Tue	Review		