

EAS 421 & 521 Structural Geology and Tectonics: Fall 2016, provisional timetable

Date	Lecture	Lab	
16/09/02, Fri	Introduction and expectations		
16/09/05, Mon	(holiday)		
16/09/06, Tue			
16/09/07, wed	Data in structural geology		EAS 521 Poster intro
16/09/08, Thu			
16/09/09, Fri	Presenting orientation data		
16/09/12, Mon	Orientation statistics	Lab 0	Lines and Planes (optional)
16/09/13, Tue			Lines and Planes (optional)
16/09/14, wed	Elements of the tectonic system		Lines and Planes
16/09/15, Thu			
16/09/16, Fri	Evidence for plate motion		
16/09/19, Mon	Plate tectonics: Calculating slip	Lab 1	Collecting orientation data
16/09/20, Tue			Collecting orientation data
16/09/21, wed	Plate tectonics: Slip vectors and triple junctions		Collecting orientation data
16/09/22, Thu			
16/09/23, Fri	Plate tectonics: Euler poles and plate motion		
16/09/26, Mon	Stress: Principles	Lab 2	Orientation data statistics
16/09/27, Tue			Orientation data statistics
16/09/28, wed	Stress: Brittle deformation		Orientation data statistics
16/09/29, Thu			
16/09/30, Fri	Stress: Measuring stress in the lithosphere		
16/10/03, Mon	Stress: Paleostress	Lab 3	Plate tectonics
16/10/04, Tue			Plate tectonics
16/10/05, wed	Rifts: Rift environments		Plate tectonics
16/10/06, Thu			
16/10/07, Fri	Rifts: Normal faults		
16/10/10, Mon	(holiday)		
16/10/11, Tue			
16/10/12, wed	Rifts and passive margins		EAS 521 Poster preparation
16/10/13, Thu			
16/10/14, Fri	Salt tectonics		
16/10/17, Mon	Strain in one dimension	Lab 4	Stress, fractures and faults
16/10/18, Tue			Stress, fractures and faults
16/10/19, wed	Strain in 2 dimensions		Stress, fractures and faults
16/10/20, Thu			
16/10/21, Fri	Mid-term test 1		
16/10/24, Mon	Measuring strain	Lab 5	Normal Faults
16/10/25, Tue			Normal Faults
16/10/26, wed	Strain in 3 dimensions		Normal Faults
16/10/27, Thu			
16/10/28, Fri	Introduction to Orogens		
16/10/31, Mon	Thrust belts	Lab 6	Strain
16/11/01, Tue			Strain
16/11/02, wed	Thrusts and folds		Strain
16/11/03, Thu			
16/11/04, Fri	Balancing thrust belt cross-sections		
16/11/14, Mon	Mid-term test 2		
16/11/15, Tue			
16/11/16, wed	Subduction zones		EAS521 poster review
16/11/17, Thu			
16/11/18, Fri	Rock records of subduction		
16/11/21, Mon	Metamorphic belts: superimposed deformation	Lab 7	Thrust belts
16/11/22, Tue			Thrust belts
16/11/23, wed	Metamorphic belts: pressure-temperature-time		Thrust belts
16/11/24, Thu			
16/11/25, Fri	Progressive strain		
16/11/28, Mon	Rheology and crystal defects	Lab 8	Axial projection
16/11/29, Tue			Axial projection
16/11/30, wed	Rheology and mylonites	EAS 521 Poster conference	
16/12/01, Thu			
16/12/02, Fri	Strike slip: principles		
16/12/05, Mon	Strike slip: transpression & transtension	Lab 9	Ductile deformation
16/12/06, Tue			Ductile deformation
16/12/07, wed	Review	EAS 521 Poster conference	
16/12/13, Tue	Final Exam*		

*In the event of a conflict with the exam timetable published by the Registrar, the Registrar's version takes precedence