

CE 559 – 071 (2-3-3)

Rock Engineering

List of Lab Experiments

#	Title	
1	Introduction	
2	Visiting Geology Exhibition	3-coridors
3	Field Visit	
4	Coring & RQD	
5	Schmidt Hammer	
6	Ultrasonic pulse velocity	
7	Unconfined Compressive Strength	
8	Modulus of Elasticity & Poisson's Ratio	
9	Cyclic stress-strain relationship	
10	Tensile Strength	
11	Field surveying Structural Geology: strike & dip	
12	Stereo nets	
13	Direct Shear Test of Jointed Rocks	
14	Fracture Toughness	
15	Review	