

“Tentative” Laboratory Schedule

Week	Topics	Lab Manual
1/12	Introduction: Geologic Concepts: Plate Tectonics and The Earth’s Surface Introduction to Minerals and Earth Materials	Lab 1 (Review) Lab 2 and Scan 8 Lab 3 (Read for Week 2)
1/19	Minerals: Properties and Classification Mineral Resources (esp. N.C.) and Rock Forming Minerals	Lab 3
1/26	Rock Cycle; Igneous Rock Classification Volcanoes (Distribution and Remote Sensing Map)	Labs 4 and 5
2/2	Weathering, Sediments, Sedimentary Rocks (Soils, Fossils) Application: Why Sediments/Sed. Rocks are Important Geologic Time	Lab 6 (Review Lab 8)
2/9	Metamorphic Rocks North Carolina Geology – Putting Geologic Materials and Interpretations Together; Intro to Geologic Maps	Lab 7 N.C. Materials Provided
2/16	TEST: Minerals, Rocks, Environments, Volcanoes, North Carolina Geology	Labs 1 – 8 Plus Handouts
2/23	Topographic Maps, Aerials, and Remote Sensing	Lab 9
3/2	Geologic Time, Geologic Maps, Structure, Stratigraphy Surface to Subsurface Relationships	Lab 10 (Lab 8 Review)
3/6-3/14	Spring Break – No Labs	Have Fun
3/16	Groundwater and Subsurface Interpretation	Lab 12
3/23	Streams: Characterization and Flooding	Lab 11
3/30-4/1	Easter Break Week – No Labs	
4/6	Coastal Processes and Issues	Lab 15
4/13	Energy Resources, Climate, Weather, and More	Handouts
4/20	Final Lab Exam Week	Labs 8 – 12 and 15 Plus Handouts