

Mesa Geology 101 Laboratory Schedule – Summer 2019

Date	Class Meeting Lecture and Discussion Topics	<u>Location and Time</u>
Mon 6/17	LAB 1 - Scientific Method – <i>Observe, Measure, Test</i>	MS110 @ 2:00pm
Tues 6/18	LAB 2 – Isostasy & Tectonics – Plates, Boundaries, and <i>Plate Motion</i>	MS110 @ 2:00pm
Wed 6/19	LAB 3 - Minerals I - <i>Classification, Properties, & ID</i>	MS110 @ 2:00pm
Mon 6/24	LAB 4 - Minerals II - <i>Common Rock Forming Minerals</i>	MS110 @ 2:00pm
Tues 6/25	LAB 5 – Igneous Rocks – <i>Volcanic and Plutonic Rocks</i>	MS110 @ 2:00pm
Wed 6/26	LAB 6 - Sedimentary Rocks – <i>Siliciclastic, Biological, Chemical</i>	MS110 @ 2:00pm
Mon 7/1	LAB 7 - Metamorphic Rocks - <i>Foliated and Nonfoliated</i>	MS110 @ 2:00pm
Tues 7/2	LAB 8 - Midterm Exam Prep Lab - <i>Tectonics,, Mineral and Rock ID</i>	MS110 @ 2:00pm
Wed 7/3	Midterm Exam - Tectonics, Topo Maps, and Mineral & Rock ID	MS110 @ 2:00pm
Mon 7/8	LAB 9 - Geologic Dating I - Stratigraphic Principals	MS110 @ 2:00pm
Tues 7/9	LAB 10 - Geologic Dating II - Fossils and Absolute Dating	MS110 @ 2:00pm
Wed 7/10	LAB 11 – Earthquakes and Earthquake Hazards	MS110 @ 2:00pm
Mon 7/15	LAB 12 – Topographic Maps I - Basic Concepts, Skills, and Uses	MS110 @ 2:00pm
Tues 7/16	LAB 13 – Topographic Maps II - Basic Concepts, Skills, and Uses	MS110 @ 2:00pm
Wed 7/17	LAB 14 - Structural Geology - - Basic Concepts, Rules, and ID	MS110 @ 2:00pm
Mon 7/22	LAB 15 – Geologic Maps - Basic Concepts and Skills	MS110 @ 2:00pm
Tues 7/23	LAB 16 - Final Exam Prep Lab - <i>Topo Maps, Mineral and Rock ID</i>	MS110 @ 2:00pm
Wed 7/24	Final Exam – Geo-Dating, Earthquakes, Structure, Topo & Geology Maps	MS110 @ 2:00pm