

Geology 101L Exam 03 Study Guide

Instructor: M. Pesses

1. Relative dating laws (e.g. law of original horizontality, superposition, etc.) and how to apply them.
2. Unconformities
3. Radiometric Dating – parent/daughter relationships, half-life, determining ages of rocks
4. The stages of streams (youthful, mature, old)
5. Dynamics of meandering streams
6. Fluvial landforms – deltas, cut banks, point bars, oxbow lakes
7. Four types of sand dunes
8. Coastal erosion and depositional landforms (cliffs, spits, baymouth bars, tombolos, etc.)

Students may bring one 3"x5" index card of notes. This item must be turned in with the exam.