GY 111 "Word/Concept List" For Lecture Test Two (2016)
Be familiar with these terms, multiple terms and/or concepts. You will see some of them in the definition and compare and contrast components of the upcoming Lecture test. They are not the only things that you are responsible for on the exam. Multiple answer, fill-in-the-blanks and essay questions will require comprehensive study of your lecture notes and web lecture notes. Use of a text book (hardcopy or electronic) during studying is not required, but may prove valuable for some students.

A, B, C, O horizons
Chemical weathering (hydrolysis, dissolution, oxidation)
Physical weathering (frost wedging, exfoliation, spherical weathering)
Pedalfer, pedocal, laterite
regolith, soil
gavel, sand, silt, clay
siliciclastic, biochemical, chemical, organic
sabkha/evaporite basin
evaporite minerals
L/2
orbicular flow
pointbar, Floodplain
oolite
shelf
stream capacity
wave base, orbicular flow

superposition (principle of)
original horizontality (principle of)
strike, dip
stratigraphy
alluvial fan
meandering river
beach
delta
chalk
turbidite, density current
hydrologic cycle, hydrosphere
cone of depression
aquifer, aquicludes
Karst
Eons (Archean, Proterozoic, Phanerzoic)
Eras (Paleozoic, Mesozoic, Cenozoic)
Periods (know all of them in order)

GY 111 Essay Question For Lecture Test Two
In addition to this word list, I present you with one of the 3 essay questions that will appear on the next lecture test.

1) Discuss one of the following depositional environments:

Alluvial fans  beach  meandering rivers

In your answer (which must have good illustrations) make sure you discuss the major processes that control sedimentation as well as the rock types that are deposited in the environment you have selected to discuss.