

GEOL 1602 Exam 1 >>>OUTLINE<<<

Important Announcement (syllabus update on exam grading)

A total of three (3) exams will be given during the semester. The third (or final) exam will be comprehensive. Only the two highest scores will be counted and converted into percentile rank. To gain maximum points, you need to attend at least two exams. You will be notified regarding the first two exam results prior to the week of the third (or final) exam.

The range of score for Exam 1 is in one-point increments. No penalty will be given to wrong answers. Your score reflects the number of questions you answered correctly and thoroughly.

Exam 1 At-A-Glance

I. SHORT ANSWER (26 questions, 5 points each)

Pertinent concepts

arkose

coquina

quartz vs calcite

conglomerate vs breccia

conglomerate vs shale

fossil

trace fossil

Carbonation

stromatolites

symmetry

solitary vs colonial

brachiopods

ammonites vs nautiloids.

Arthropoda

echinoderms

alluvial fans

minerals in playa lakes (dry lakes)

depositional environment of tabulate coral fossils, coal, ripple marks

type and environment of cross-bedding

graded bedding

turbidity currents

II. Sedimentary Rock Identification (6 samples. 5 points each.)

Lab 1 samples

III. Fossil Identification. (6 samples. 5 points each. A correct common name for the fossils that is appropriately specific is also acceptable instead of the scientific name. +1 bonus for each proper use of a scientific name.)

Lab 2 samples