

# GEOL 1602 Exam 1 >>>OUTLINE<<<

## Important Announcement (syllabus update, 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. The graded exams will be handed back to you except 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  
quartz vs calcite  
conglomerate vs breccia  
conglomerate vs shale  
coquina  
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