GEOLOGY 2100 - Stratigraphy and Sedimentation
Paul Heller (rm. 311A Geology Bldg. x2245 heller@uwyo.edu)
Barbara Carrapa (rm. 314A Geology Bldg. x6299 bcarrapa@uwyo.edu)
http://faculty.gg.uwyo.edu/heller/  Office Hours: 9:30-11 M, W, F
T.A. – Genevive Mathers
Class Schedule: MWF 11:00 to 11:50 rm. Geology 209
Lab Schedule: Thurs. 1:10 to 3:00pm  OR 3:10 to 5:00pm rm. 311F Geology Bldg.

SYLLABUS

READ PAGES

Aug 25-Sept 3: Origin and composition of sediment [only 3 days?]  3-10
Sept 5-15: Sediment transport and deposition  33-43; 76-87
Sept 17-26: Depositional systems: Alluvial fans & rivers [finished on 24, but leave half of the 26 for review]  245-258

Sept 29: TEST #1
Oct. 1-6: Deltas [2 days+ only]  289-297
Oct. 8-17: Shelf [3 days only]  334-345
Oct. 24: Carbonates

Oct 27: TEST #2
Oct. 29-31: Origin of the time scale
Nov. 3: Nature of stratigraphy  399-406; 412-415
Nov 5: Code of Stratigraphic Nomenclature  417-421
Nov 7-10: Lithostratigraphy  421-431
Nov 12: Biostratigraphy  478-488
Nov 14: Chronostratigraphy  438-448
Nov 17-19: Seismic stratigraphy  451-462
Nov 21: Sequence Stratigraphy & Sea level

Nov. 24: TEST #3
Nov. 26-28: THANKSGIVING BREAK
Dec 1-3: Origin of oil and gas
Dec 5: Plate tectonics

REQUIRED FIELD TRIP: SUN., Sept. 28 - Leave Geology Loading Dock at 8 AM bring lunch, water, suntan lotion, notebook, hat, rain gear, will return c. 7 PM

CLASS GRADE:  Three, in class, one hour tests = 10%, 15%, 20%
Comprehensive Final Exam = 25%
Lab Grade = 30%

FINAL: Wednesday, Dec. 10, 10:15 AM to 12:15 PM

If you have a physical, learning, or psychological disability and require accommodations, please let us know as soon as possible. You will need to register with, and provide documentation of your disability to, University Disability Support Services (UDSS) in SEO, room 330, Knight Hall, 766-6189, TTY: 766-3073