

ES486 Homework Assignment Checklist (Updated March 1, 2019)

Final Digital Lab Report 2 (Due Monday March 11, 2019)

Scan and Compile your lab work in the following order, include a cover sheet, table of contents and lab title pages.

Week 5 Assignments

Task 5-1 Textbook Chapter 4 – Subsurface Environment

http://www.wou.edu/las/physci/taylor/es486_petro/Selley_Review_Questions_Chap4_Subsurface_Environment.doc

Week 6

Task 6-1. Subsurface Methods Video Exercise

http://www.wou.edu/las/physci/taylor/es486_petro/Video_Review_Ex_Subsurface_Mapping.docx

<https://www.youtube.com/watch?v=qQdITVaqRXk>

Task 6-2. Text Chapter 3 Exploration Methods Review Questions

http://www.wou.edu/las/physci/taylor/es486_petro/Selley_Review_Questions_Chap3_Exploration_Methods_Overview.doc

Week 7

Task 7-1. In-Class Well Correlation Exercise (Activity 8E all parts)

http://www.wou.edu/las/physci/taylor/es486_petro/Intro_Well_Correlation_Exercise_Activity8E.pdf

Task 7-2. Drill Cuttings / Lithologic Log Lab Exercise

http://www.wou.edu/las/physci/taylor/es486_petro/ES486_Lab_Well_Cuttings_Lith_Logs.pdf

Task 7-3. In-Class Exercise: Review of Contour Drawing

http://www.wou.edu/las/physci/taylor/es486_petro/ES486_review_contouring.pdf

Task 7-4. Stratigraphic Correlation Exercise ("Chapter 2") exercise 2.2 p. 44, ex. 2.3 p. 45

http://www.wou.edu/las/physci/taylor/es486_petro/Fritz_Moore_Strat_Chap2_Correlation.pdf

Task 7-5 Cyber Thursday Assignment (hard copy due Tues. Feb. 26).

http://www.wou.edu/las/physci/taylor/es486_petro/ES486_Cyber_Thursday_Assignment_Feb21_2019.docx

A. Delft University Lecture Review Questions: Migration Source to Reservoir

B. Text chapter 5 Generation and Migration Review Questions

Week 8

Task 8-1. Introduction to Structure Contouring

http://www.wou.edu/las/physci/taylor/Intro_structure_contour_exercise.pdf

Task 8-2. Introduction to Isopach Mapping

http://www.wou.edu/las/physci/taylor/in_class_isopach_willamette_aquifer_mckenzie_fan.pdf

Task 8-3. Text Chapter 6 Review Questions - Reservoirs

http://www.wou.edu/las/physci/taylor/Selley_Review_Questions_Chap6_Reservoirs.doc

Week 9 - TBD