ES486 Petroleum Geology **Part 2 Assignment Checklist – Updated March 11, 2015**
Final Digital Lab Portfolios Due for Moodle Upload Thursday March 19, 2015

Task 7-1. In-Class Activity: Isopach Mapping of McKenzie River Fan
http://www.wou.edu/las/physci/taylor/es486_petro/in_class_isopach_willamette_aquifer_mckenzie_fan.pdf

Task 7-2. In-Class Activity: Subsurface Geology Inferred from Well Data
http://www.wou.edu/las/physci/taylor/es486_petro/Activity_8D_well_log_cross_sections.pdf

Task 7-3. Paleofacies Reconstructions (exercise 7.1.3 p. 176; ex. 7.2.3 p. 182; ex. 7.3.1 p. 187; ex. 7.3.2 p. 187)
http://www.wou.edu/las/physci/taylor/es486_petro/Fritz_Moore_Strat_Chap7_Facies_Maps.pdf

Task 7-4. Strater Software Tutorial (Lessons **1-8** Inclusive; *note assignment addition to include all 8 lessons*)
http://www.wou.edu/las/physci/taylor/es486_petro/Strater4_Users_Guide_Preview.pdf

Task 8-1. In-Class Structure Contour Exercise (R & D Structure Lab Manual)
http://www.wou.edu/las/physci/taylor/es486_petro/structure_contour_in_class.pdf

Task 8-2. Structure Contour / Isopach Lab (Exercise 1, 2, 3)
http://www.wou.edu/las/physci/taylor/es486_petro/Structure_contour_mapping.pdf

Task 9-1. Hydrocarbon Production and Recovery Reading Review Questions
http://www.wou.edu/las/physci/taylor/es486_petro/Key_Word_Search_Recovery_Production.docx

Task 9-2. Wireline Geophysics / Well Log Correlation Lab (Activity 1 and 2)
http://www.wou.edu/las/physci/taylor/es486_petro/Intro_Well_Logs_Lab.pdf

Task 10-1. Student Case Study Presentations 10-minute powerpoint case study/journal article summary and one page written summary handout. Each student scan and place copies of all 1-page summaries in their lab portfolios for final submission.
http://www.wou.edu/las/physci/taylor/es486_petro/ES486_winter_2015_student_presentations.pdf

Task 10-2. One Page (500 word) Written Summary of Anadarko Basin Case Study Using Wireline Geophysics
http://www.wou.edu/las/physci/taylor/es486_petro/Case_Study_Wireline_Geophys_Anadarko_Basin.pdf