

ES322 Geomorphology Fall 2012 - Assignment / Task Check List for Midterm Portfolio

Midterm Lab Portfolio Due Thursday November 1, 2012

Instructions: In a neat, professional-looking, well organized 3-ring binder, assemble the following lab exercises with tab separators **in the order listed below**. **Do not** include class notes in your lab binders, only the exercises you've completed. Separate all in-class activities / short problem sets from the class notes. **Do not** use plastic slip covers for individual pages. On the outside of your binder, include a professional looking cover sheet with your name, class, term and document title. Creative art and personalized design work on the cover is encouraged.

/7 pt (1) Introduction to Landscape Observations and Physiography of Oregon

(http://www.wou.edu/las/physci/taylor/g322/Lab_Intro_Landscape_Oregon_Physiography.pdf)

/7 pt (2) Key word / short answer exercise – DeVolder Constructon Site / Geotechnical Terminology

(http://www.wou.edu/las/physci/taylor/g322/DeVolder_Geotechnical_Review_Exercise.docx)

/7 pt (3) Geomorphology Journal Reading Assignment (Reading + key terms summary sheet)

(http://www.wou.edu/las/physci/taylor/g322/Geomorph_journal_reading_exercise_f2010.pdf)

/2 pt (4) In-Class Exercise: Geomorphic Rate Problem – p. 12 Intro Notes

(<http://www.wou.edu/las/physci/taylor/g322/intro.pdf>)

/2 pt (5) Western Cascade Erosion Problem

(http://www.wou.edu/las/physci/taylor/g322/western_cascades_erosion_problem.pdf)

/7 pt (6) Intro to Geomorphic Analysis (http://www.wou.edu/las/physci/taylor/g322/Intro_geomorphic_analysis_ex.pdf)

/2 pt (7) Map Scale Review Exercise (http://www.wou.edu/las/physci/taylor/g322/map_scale.pdf)

/7 pt (8) Introduction to Topographic Maps (<http://www.wou.edu/las/physci/taylor/g322/introlab.pdf>)

/7 pt (9) Soil Maps as a Tool for Preliminary Geomorphic Analysis (<http://www.wou.edu/las/physci/taylor/g322/soilex.pdf>)

/2 pt (10) Tombstone Weathering Exercise (http://www.wou.edu/las/physci/taylor/g322/weath_lab.pdf)

/2 pt (11) In-Class Activity: Force Analysis of Particle-on-Slope Model - p. 42 of Mass Wasting Notes

(e.g. Mass = 20 kg; Slope = 20°) (<http://www.wou.edu/las/physci/taylor/g322/masswast.pdf>)

/2 pt (12) In-Class Activity: Regolith Mass on Hillslope -p. 45 of Mass Wasting Notes (in-class 10/26/10)

(<http://www.wou.edu/las/physci/taylor/g322/masswast.pdf>)

/5 pt (13) Humans as Geomorphic Agents (http://www.wou.edu/las/physci/taylor/g322/humans_rate_problem.pdf)

/4 pt (14) Baker Creek Landslide Exercise (<http://www.wou.edu/las/physci/taylor/g322/bakerex.pdf>)

/2 pt (15) In-Class Soil Texture Analysis / Triangular Diagram work

/65 pts TOTAL