

ES322 Geomorphology Fall 2013 - Assignment / Task Check List for Midterm Portfolio

Midterm Lab Portfolio Due Friday November 1, 2013

Instructions: Using your PDF creation tools and Moodle upload procedures, assemble the following lab exercises into a digital portfolio **in the order listed below**. Use the following outline: (1) A cover page with portfolio title, class, student name, date and creative / relevant artwork, (2) a table of contents with lab exercises listed in the order presented below, (3) a title page for each lab exercise listed below, that clearly distinguishes each unit, in the order presented below. Use available Acrobat editing tools to merge all of your title pages and lab documents together into a single seamless PDF for upload to the Moodle class site by the due date.

Midterm Lab Exercise Task List:

/2 pt (1) In-Class Exercise: Geomorphic Rate Problem – p. 12 Intro Notes

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

/7 pt (2) Intro to Geomorphic Analysis (http://www.wou.edu/las/physci/taylor/g322/Intro_geomorphic_analysis_ex.pdf)

/7 pt (3) Introduction to Landscape Observations and Physiography of Oregon

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

/7 pt (4) Introduction to Topographic Maps (<http://www.wou.edu/las/physci/taylor/g322/introlab.pdf>)

/3 pt (5) Map Scale Review Exercise (http://www.wou.edu/las/physci/taylor/g322/map_scale.pdf)

/5 pt (6) Weathering and Mass Wasting Video Review Questions

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

/7 pt (7) Tombstone Weathering Exercise ([tombstone_lab_instructions_condensed_Fall2013.pdf](http://www.wou.edu/las/physci/taylor/g322/tombstone_lab_instructions_condensed_Fall2013.pdf))

/7 pt (8) Humans as Geomorphic Agents (http://www.wou.edu/las/physci/taylor/g322/humans_rate_problem.pdf)

/5 pt (9) In-Class Lithostatic Pressure / Erosion Rate Problem (lithostatic_press_erosion_rate_ex.pdf)

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

/3 pt (10) Western Cascade Erosion Problem

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

/5 pt (11) Baker Creek Landslide Exercise (<http://www.wou.edu/las/physci/taylor/g322/bakerex.pdf>)

/2 pt (12) 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 (13) In-Class Activity: Regolith Mass on Hillslope -p. 45 of Mass Wasting Notes

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

~~**/3 pt** (14) In-Class Exercise: Determining Scale of an Air Photo~~

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

SKIP / DO NOT INCLUDE

/65 pts TOTAL