

WEEK 1

Task 1-1. Introduction to Unit Algebra and Unit Conversion

http://www.wou.edu/las/physci/taylor/g302/unit_alg.pdf

Task 1-2. Intro to Map Scales

<http://www.wou.edu/las/physci/taylor/g302/mapscale.pdf>

Task 1-3. Intro to Topographic Maps (Monmouth Quad)

http://www.wou.edu/las/physci/taylor/g302/intro_map_ex.pdf

WEEK 2

Task 2-1. Engineers Scale Worksheet

<http://www.wou.edu/las/physci/taylor/g302/engineer-architect-scales.pdf>

Task 2-2. Waltham Text Chapter 1 Introduction to Mathematics Tools in Geology

Questions 1.1, 1.2, 1.4, 1.7, 1.8, 1.9, 1.10, 1.12, 1.14, 1.15

<http://www.wou.edu/las/physci/taylor/g302/waltham1.pdf>

Task 2-3. Map Measurement and Location Exercise

http://www.wou.edu/las/physci/taylor/g302/map_measurement_exercise.pdf

Task 2-4. Map Projections UTM Locations Exercise

http://www.wou.edu/las/physci/taylor/g302/utm_exercise.pdf

Task 2-5. Moodle Test Upload of PDF Version of Monmouth Quad Exercise (due April 12)

WEEK 3

Task 3-1. Map Scaling Problem 2

http://www.wou.edu/las/physci/taylor/g302/map_photo_scale.pdf

Task 3-2. Large-format air photo scaling exercise

http://www.wou.edu/las/physci/taylor/g302/large_format_photo_ex.pdf

Task 3-3. Student Pace and Occular Height Worksheet

http://www.wou.edu/las/physci/taylor/g302/Pace_Ocular_height_worksheet.pdf

Task 3-4. Introduction to Scaling and Map Drawing

http://www.wou.edu/las/physci/taylor/g302/Intro_scale_map_drawing.pdf

Task 3-5. Classroom Mapping Exercise

http://www.wou.edu/las/physci/taylor/g302/class_map_exercise.pdf

WEEK 4

Task 4-1. Introduction to Brunton Compass Exercise

http://www.wou.edu/las/physci/taylor/g302/intro_brunton_lab.pdf

Task 4-2. Campus Tape and Compass Exercise

http://www.wou.edu/las/physci/taylor/g302/brunt_lab.pdf

Task 4-3. Moodle Upload of Lab Progress Report 1; by Friday April 26, 2013

WEEK 5-6

Task 5-1. Introduction to Brunton Compass Exercise

http://www.wou.edu/las/physci/taylor/g302/intro_brunton_lab.pdf

Task 5-2. Introduction to Triangulation Exercise

http://www.wou.edu/las/physci/taylor/g302/intro_triangulation.pdf

Task 5-3. In-Class Trig / Strike and Dip Exercise

http://www.wou.edu/las/physci/taylor/g302/trig_map_ex.pdf

Task 5-3. Waltham Chapter 5 – Trigonometric Problems in Geology (Questions 1-6)

http://www.wou.edu/las/physci/taylor/g302/waltham_chap5_trig.pdf