

**Mid-Term Lab Portfolio Instructions  
G476/576 Hydrology Winter 2008**

**Due Wed. 2/13/08**

**In a neat, professional-looking 3-ring binder, with tabs that are well labeled, include the following class activities, in the following order:**

Task 1 - Introductory Hydrology Problems (Veissman Chap. 1 Problems)  
[http://www.wou.edu/las/physci/taylor/hydro/intro\\_problems.pdf](http://www.wou.edu/las/physci/taylor/hydro/intro_problems.pdf)

Task 2 - p. 5 Intro notes: global water budget  
<http://www.wou.edu/las/physci/taylor/hydro/intro.pdf>

Task 3 - p. 12 Physical Principles notes: Conservation Equation for Hydrology  
(<http://www.wou.edu/las/physci/taylor/hydro/intro.pdf>)

Task 4 - p.60-61 Concentrations and water chemistry problems  
([http://www.wou.edu/las/physci/taylor/hydro/watr\\_chem.pdf](http://www.wou.edu/las/physci/taylor/hydro/watr_chem.pdf))

Task 5 - Intro to Applied Problems in Hydrology  
<http://www.wou.edu/las/physci/taylor/hydro/hydrolab1.pdf>

Task 6 - In-Class Precipitation Analysis Exercise (Theissen Method / Isohyets)  
<http://www.wou.edu/las/physci/taylor/hydro/prcpex.pdf>

Task 7 - Contouring Exercise / Isohyet Map of Eastern Oregon  
<http://www.wou.edu/las/physci/taylor/hydro/context1.pdf>

Task 8 (OPTIONAL) - Intro to Spreadsheets, MS Excel, and Data Analysis  
<http://www.wou.edu/las/physci/taylor/hydro/intrexcl.pdf>

Task 9 - Analysis of Oregon Climate Data  
<http://www.wou.edu/las/physci/taylor/hydro/orclima.pdf>

Task 10 - Cascade Mountain Ice Budget Lab  
<http://www.wou.edu/las/physci/taylor/hydro/mticelab.pdf>

Task 11 - Mono Lake Water Budget Exercise  
<http://www.wou.edu/las/physci/taylor/hydro/monolake.pdf>