

## Ch 321 Quantitative Analysis Laboratory Schedule - Summer 2016

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Course Website: <http://www.chem.pdx.edu/~atkinsdb/teach/321/> or [Desire2Learn](#)

For the first day of lab, you are required to obtain approved goggles (they sell them in the Chemistry Stockroom, if you go before class). You are also required to purchase a new unused lab notebook (cloth or cardboard cover, numbered **bound** pages).

Lab #	Experiment
1.	Check in // Introduction // Calibration of volumetric glassware
2.	Standardization of NaOH and titration of an unknown weak acid
3.	Standardization of HCl and analysis of accuracy and precision
4.	Potentiometric titration of polyprotic acids
5.	Gravimetric analysis of chloride
6.	EDTA titration for Calcium and Magnesium
7.	Spectrophotometric determination of pKa of phenol red Check out (You <b>must</b> check out by the end of this week to avoid fines)