

AP Chemistry

Thermodynamics Assignment Sheet

Date	In Class	Assignment
3/6	POGIL: Entropy	Prelab assignment for buffers lab
3/7	Review for acids/bases test	Study for acids/bases test
3/10	Acids & Bases test	Read/highlight chapter 19 outline Carefully read p. 830 in text—write a 3-5 sentence summary Titrations lab report due 3/13
3/11	Free Energy and Chemical Equilibrium	
3/12 ER	Ch. 19 problem set Review Gibb's free energy	
3/13 Long C	Titration lab due Buffers lab Day 1 (intro activity)	Chapter 19 problems 19.1-19.7, 19.13 Start CALM
3/14	Ch. 19 Quiz Organic Friday: Amines Clicker problem set	Work on CALM Text problems 19.41, 19.49
3/17	Clicker question set Ch. 19 problem set	Finish CALM problem set 3/19 at 2:20 Text problem 19.102
3/18	Buffers lab Day 2 (guided inquiry)	Prelab assignment
3/19	Ch. 19 problem set Ch. 19 wrapup/review (bring test prep books to class)	Study for chapter 19 test
3/20	Ch. 19 Test	Read/highlight chapter 20 outline Work on group miniposter for buffers lab

Helpful Resources:

- Go to <http://chemed.chem.purdue.edu/genchem/topicreview/bp/ch21/gibbs.php> and complete practice problems 6-11 then check your answer!
- <http://www.chem.fsu.edu/chemlab/chm1046course/gibbs.html>
- <http://www.shodor.org/UNChem/advanced/thermo/index.html> good reference materials
- <http://www.chem1.com/acad/webtext/thermeg/TE4.html>