

Reading: Chapters 6.1-6.8, 7.5

Hand in:

Q 6.1, 6.10 (4 points each)

P 6.19 (6 points)

Extra Credit: P6.8

Notes: Don't forget to include any plots you might do as part of your work.

Q6.1: Use an equation that tells you something about the connection between equilibrium constant and thermodynamic potentials.

Temperature dependence of ΔG : Remember – you cannot use $\Delta G = \Delta H - T\Delta S$ for the temperature dependence of Gibbs energy – you must use the Gibbs-Helmholtz equation!

Additional:

Q 6.7, 6.13

P 6.10, 6.13, 6.18, 6.23

Notes: