

# **Chem 200 - F02**

Some things to know from the prerequisites:

## **First Year Chemistry**

Significant figures

Manipulation of units

Fundamental units and derived units

The Ideal Gas Law

Van der Waals Gas Law

Enthalpy

Entropy

Free Energy

Hess's Law

Equilibrium Coefficients

Activity

# **First Year Calculus (and High School Math)**

How to manipulate an equation  
algebraically

Derivatives of one variable

Integrals of one variable

Power series

Properties of logarithms and  
exponentials