Preliminary Syllabus - Chemistry 185-401, Fall 2017 (MW, 11 am-12:15 pm)

This is not a full or complete syllabus. The final course syllabus will be updated in September 2017.

Instructor: Prof. Anja Blecking
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Prerequisites (as posted in the Schedule of Classes)
Math 176(P) or consent of instructor.

Course Description
The intent of this class is an introduction of fundamental concepts in chemistry with particular attention to the K-8 classroom. You may find that understanding these concepts will aid in the teaching of a science lesson even if that particular lesson is not centered on chemistry (chemistry concepts can be the foundation for other scientific concepts).
As part of the course curriculum, you will be familiarized with content related student misconceptions and connections to the Next Generation Science Standards.

Dropping the Course, Changing Sections, Incompletes
All drops, adds, or switches between lab sections should first be attempted using PAWS. Students who are unable to add the course due to a closed section or a course conflict should see the Undergraduate Coordinator of the Chemistry Department, Annette Pirrung (pirrung@uwm.edu, CHM 144).

Required Materials for the Course

Classroom Response System - You will use your own electronic device to enter answers into a classroom response system. To do this, you will need to register on Tophat.com (registration information will be in updated syllabus handed out in lecture at the beginning of classes). Expected cost is $18 or less.


Calculator - Non-graphing or non-programmable scientific calculator with logarithms, exponential functions, etc. – expected cost approximately $20

Laboratory Goggles (Safety Glasses) – Can be purchased in the Chemistry and Biochemistry Department (or elsewhere) at the beginning of the semester for $10-$20.