CHM 6180 (Spring, 2020)

Class number: 22605

Chemistry at the Micro-/nanometer scale

Instructor: Charles Cao (cao@chem.ufl.edu), 226 Leigh Hall.

Lectures: Tuesday, Period 5 (11:45 AM - 12:35 PM) at FLI 0101
Thursday, Period 4-5 (10:40 Am-12:35 PM) at FLI 0101

Website: on E-learning (Canvas)

Prerequisites: None

Themes:
1. Building blocks
2. Size- and Time-dependent Properties
3. Characterization Techniques
4. Analysis: General Principles and Strategies

Reports: Two reports are included in the course. The midterm report is on the principle laws that govern the size- and time-dependent properties of chemical substances. The final report is on principle foundations (laws and/or axioms) of analytical chemistry at the micro-/nanoscale.

Evaluation of Grades:

Midterm Report: ……...80 points
Final Report: …….120 points

Grading Policy:

A: 178 – 200
A- 172 – 177
B^+ 162 – 171
B: 152 – 161
B- 142 – 151
C^+ 132 – 141
C: 122 – 131
C- 112 – 121
D^+: 102 – 111
D: 92 – 101
D- 82 – 91
E: 0 – 81