

## Schedule

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### Class Schedule

Each class is held on a Monday at 7:30–9:30 PM ET / 4:30–6:30 PM PT.

Class	Topic	Date
0	Orientation	September 5
1	Steady State Kinetics	September 19
2	Equilibrium I: Single-Reaction Equilibria	October 3
3	Equilibrium II: Multiple Simultaneous Equilibria	October 10
4	Inorganic Reaction Schemes	October 24
5	Unit Cells	November 7
6	Metallurgy	November 21
7	Thermodynamics I	December 5
8	Thermodynamics II	December 19
9	Thermodynamics III	January 9
10	Electrochemistry	January 23
11	Carbonyls as Electrophiles: Carboxylic Acid Derivatives	February 6
12	Carbonyls as Electrophiles: Aldehydes and Ketones	February 20
13	Carbonyls as Nucleophiles: Enols and Enolates	March 6
14	Biochemistry	March 20
15	Polymers	April 3

### Assignment Schedule

Each Practice Olympiad (USNCO and IChO) and Challenge Problem set will be released on a Monday and due the following Monday. The Practice Olympiads will be graded. The Challenge Problems are ungraded, but students will receive solutions.

Assignment	Available	Due
Challenge Problems 1	September 19	September 26
Challenge Problems 2	October 10	October 17
Challenge Problems 3	October 24	October 31
Challenge Problems 4	November 21	November 28
Practice USNCO 1	December 5	December 12
Challenge Problems 5	December 19	December 26
Practice USNCO 2	January 9	January 16
Challenge Problems 6	January 23	January 30
Challenge Problems 7	February 20	February 27
Challenge Problems 8	March 20	March 27
Practice IChO	April 3	April 10