

Chem 30 Online Tutorial

Instructor: Patrick Ang

Patrick is a certified teacher and has been the RTD online chemistry instructor for the past 9 years.

Classes are delivered in an interactive online classroom, where you can ask questions and engage with your instructor and classmates.

Printable learning materials, assignments, and practice exams will be provided.

Access any missed classes (or classes you simply wish to view again) anytime, on-demand.

Confirmed Online Class Schedule (35 classes, each running 2:30 – 3:30pm, followed by a 15 min Q&A)

JOIN ANYTIME! Students can sign-up and join anytime, including after the Intro classes or even past April 6th once classes are rolling. (Recordings will be made for each class and full access provided upon registration)

Electrochemistry					
1	Redox Reactions and Oxidation Numbers	Mon, April 6 th	4	Voltaic Cells	Tue, April 14 th
2	Balancing / Predicting Redox Reactions	Tue, April 7 th	5	Electrolytic Cells	Wed, April 15 th
3	Redox Titrations	Wed, April 8 th	6	Corrosion	Mon, April 20 th

Chemical Equilibrium, and Acids and Bases					
1	Intro to Equilibrium Systems	Tue, April 21 st	6	Indicators and Buffers	Mon, May 4 th
2	Equilibrium Law and the Equilibrium Constant	Wed, April 22 nd	7	Strong Acid and Base Calculations	Tue, May 5 th
3	Le Chatelier's Principle, ICE Tables	Mon, April 27 th	8	Weak Acid and Base Calculations	Wed, May 6 th
4	Intro to Bronsted-Lowry Acids and Bases	Tue, April 28 th	9	Titration Curves	Mon, May 11 th
5	Predicting Acid-Base Equilibria	Wed, April 29 th	10	Polyprotic Acids	Tue, May 12 th

Organic Chemistry					
1	Organic Compounds and Alkanes	Wed, May 13 th	4	Alkyl Halides	Mon, May 25 th
2	Alkenes and Alkynes	Tue, May 19 th	5	Crude Oil Refining & Combustion	Tue, May 26 th
3	Aromatic Hydrocarbons	Wed, May 20 th	6	Polymers	Wed, May 27 th

Classes will switch to evenings or on-demand videos in the unlikely event that schools re-open. Students and parents please note that we'll require adequate enrollment to offer all tutorials in complete form. However – should running the full schedule not be feasible we will work with all registered students to find suitable alternatives.