

CHAPTER OVERVIEW

21: Electrochemistry- Chemical Change and Electrical Work

A general chemistry Libretexts Textmap organized around the textbook

Chemistry: The Molecular Nature of Matter and Change

by Martin Silberberg

I II III IV V VI VII VIII IX X XI XII XIII XIV XV XVI XVII
XVIII XIX XX XXI XXII XXIII XXIV

Template:HideTOC

Topic hierarchy

- 21.1: Redox Reactions and Electrochemical Cells
- 21.2: Voltaic Cells - Using Spontaneous Reactions to Generate Electrical Energy
- 21.3: Cell Potential - Output of a Voltaic Cell
- 21.4: Gibbs Energy and Electrical Work
- 21.5: Electrochemical Processes in Batteries
- 21.6: Corrosion - An Environmental Voltaic Cell
- 21.7: Electrolytic Cells- Using Electrical Energy to Drive Nonspontaneous Reactions
- 21.E: Electrochemistry - Chemical Change and Electrical Work (Exercises)

21: Electrochemistry- Chemical Change and Electrical Work is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by LibreTexts.