

## CHAPTER OVERVIEW

### 7: Electrochemistry

Electrochemistry is the study of chemical processes that cause electrons to move. This movement of electrons is called electricity, which can be generated by movements of electrons from one element to another in a reaction known as an oxidation-reduction ("redox") reaction.

[7.1: Electrochemical Cells](#)

[7.2: Single Electrode Potentials](#)

[7.3: Thermodynamics of Electrochemical Cells](#)

[7.4: Types of Electrochemical Cells](#)

[7.5: Applications of EMF Measurements](#)

[7.6: Biological Oxidation](#)

[7.7: Membrane Potential](#)

[7.E: Electrochemistry \(Exercises\)](#)

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