

## CHAPTER OVERVIEW

### 11: Chemical Kinetics I

#### *Physical Chemistry: Thermodynamics*

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I II III IV V VI VII VIII IX X XI XII • Homework Exercises

Chemical kinetics is the study of how fast chemical reactions proceed from reactants to products. This is an important topic because while thermodynamics will tell us about the direction of spontaneous change, it is silent as to how fast processes will occur. But additionally, the power of studying reaction rates is that it gives us insight into the actual pathways chemical processes follow to proceed from reactants to products.

[11.1: Reaction Rate](#)

[11.2: Measuring Reaction Rates](#)

[11.3: Rate Laws](#)

[11.4: 0th order Rate Law](#)

[11.5: 1st order rate law](#)

[11.6: 2nd order Rate Laws](#)

[11.7: The Method of Initial Rates](#)

[11.8: The Method of Half-Lives](#)

[11.9: Temperature Dependence](#)

[11.10: Collision Theory](#)

[11.11: Transition State Theory](#)

[11.E: Chemical Kinetics I \(Exercises\)](#)

[11.S: Chemical Kinetics I \(Summary\)](#)

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