

## CHAPTER OVERVIEW

### 1: Review of Fundamentals

After elaborating a bit on the title and contents of the course, this short introductory chapter reviews the basic notions and facts of the non-relativistic classical mechanics, that are supposed to be known to the readers from undergraduate studies. <sup>1</sup> Due to this reason, the discussion is very brief.

[1.1: Terminology- Mechanics and dynamics](#)

[1.2: Kinematics- Basic Notions](#)

[1.3: Dynamics- Newton Laws](#)

[1.4: Conservation Laws](#)

[1.5: Potential Energy and Equilibrium](#)

[1.6: OK, Can We Go Home Now?](#)

[1.7: Self-test Problems](#)

---

This page titled [1: Review of Fundamentals](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by [Konstantin K. Likharev](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.