

## CHAPTER OVERVIEW

### 11: Fluid Statics

Fluid statics is the branch of fluid mechanics that studies incompressible fluids at rest. It encompasses the study of the conditions under which fluids are at rest in stable equilibrium as opposed to fluid dynamics, the study of fluids in motion.

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[11.1: What Is a Fluid?](#)

[11.2: Density](#)

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[11.4: Variation of Pressure with Depth in a Fluid](#)

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Thumbnail: Surface tension preventing a paper clip from submerging. (CC-SA-BY 3.0; [Alvesgaspar](#) via [Wikipedia](#))

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