

<b>Faculty</b>	Ingegneria
<b>Bachelor</b>	Mechanical Engineering (La Spezia)
<b>Year/Semester</b>	1/I

<b>Course Title</b>	General physics
<b>ID Course Code</b>	56688
<b>Course Credits (CFU)</b>	12
<b>Scientific-Disciplinary Sector</b>	FIS/01
<b>Course Type</b>	mono-disciplinary course
<b>Lecturer-in-charge</b>	BANDELLONI Giuseppe

### Learning Outcomes:

Introduction to the concepts of physical observables, natural laws, and systems of units, through the study of the elementary Mechanics.

### Course Organisation Details

Physical observables, reference frames (and their consistency requirements). Classical Mechanics Principles Conservation Laws. Applications to mechanical engineering problems

Assessment	hours
Lectures	60.0
Practice	60.0
Laboratory	0.0
Integrative activities	0.0

### References

George W. Housner, Donald H. Hudson, *Applied Mechanics Dynamics*, California Institute of Tecnology, 1991;

### Organization and examinations

Theoretical lessons and numerical problems. Intermediate evaluations are performed

The final exam consists into a written test ad an oral examination

### Pre-requisites

Ordinary mathematical high school background is requested