

26912 - Classical Mechanics I

Información del Plan Docente

Academic Year	2017/18
Faculty / School	100 - Facultad de Ciencias
Degree	447 - Degree in Physics
ECTS	7.0
Year	2
Semester	First semester
Subject Type	Compulsory
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

5.2.Learning tasks

5.3.Syllabus

5.4.Course planning and calendar

5.5. Bibliography and recommended resources

- BB Kibble, T. W. B.. Classical mechanics / Tom W. B. Kibble, Frank H. Berkshire . - 5th ed. London : Imperial College Press, 2005
- BB Kibble, T. W. B.. Mecánica clásica / T. W. B. Kibble ; traducido por A. Madroñero de la Cal . - [1a ed. en español, reimp.] Bilbao : Urmo, 1974
- BB Main, Iain G. : Vibrations and waves in physics / Iain G. Main . - 3rd ed., reprint. Cambridge : Cambridge University Press, 1994
- BB Rañada, Antonio. Dinámica clásica / Antonio Rañada Madrid : Alianza, D.L.1990
- BB Taylor, John Robert. Mecánica clásica / John R. Taylor ; versión española traducida por Jesús Ildefonso Díaz con la colaboración de Alberto Casal Grau Barcelona, [etc.] : Reverté, 2013
- BB Thornton, Stephen T.. Classical dynamics of particles and systems / Stephen T. Thornton, Jerry B. Marion . 5th ed., international student ed. Boston : Brooks/Cole, cop. 2008