26926 - Solid State I

Información del Plan Docente

Academic Year	2017/18
Faculty / School	100 - Facultad de Ciencias
Degree	447 - Degree in Physics
ECTS	6.0
Year	4
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

26926 - Solid State I

5.5.Bibliography and recommended resources

- BB Ashcroft, Neil W.. Solid state physics / Neil W. Ashcroft, N. David Mermin Philadelphia : Saunders College, cop.1976
- BB Kittel, Charles. Introduction to solid state physics / Charles Kittel . 8th ed. Hoboken, NJ : John Wiley & Sons, cop. 2005
- BB Maza Frechín, Jesús. Física del estado sólido : ejercicios resueltos / Jesús Maza, Jesús Mosqueira, José Antonio Veira Santiago de Compostela : Universidade de Santiago de Compostela, Servizo de Publicacións e Intercambio Científico, 2009
- BC Ibach, Harald. Solid state physics : an introduction to principles of materials science / Harald Ibach, Hans Lüth . - 3rd ed., corr. Berlin [etc] : Springer, cop. 2002
- BC Patterson, James D.. Solid-state physics : introduction to the theory / James D. Patterson, Bernard C. Bailey Berlin [etc.] : Springer, cop. 2007
- BC Ziman, John M.. Principles of the theory of solids / J.M. Ziman . - 1st ed. [1st] reprint. Cambridge : Cambridge University Press, 1965