

# 66103 - 4. Characterisation I: Physical-chemical techniques

Course 2011 - 2012

Curso: 1, Semestre: 0, Créditos: 7.0

# **Basic information**

#### Teachers

- José Ignacio Arnaudas Pontaque arnaudas@unizar.es
- José Fernando Bartolomé Usieto bartolom@unizar.es
- Pilar Cea Mingueza pilarcea@unizar.es
- Silvia Irusta Alderete sirusta@unizar.es
- María Reyes Mallada Viana rmallada@unizar.es
- Javier Rubín Llera jrubin@unizar.es
- José Angel Pardo Gracia jpardo@unizar.es
- Pedro Antonio Algarabel Lafuente algarabe@unizar.es
- Juan Bartolome Sanjoaquin barto@unizar.es
- Lawrence Rocco Falvello falvello@unizar.es
- Clara Isabel Marquina Garcia clara@unizar.es
- Santiago Martín Solans smartins@unizar.es
- Nuria Navascues García nurian@ unizar.es
- Gorka Pera Seijo gpera@unizar.es

Recommendations to attend this course

**Course Schedule and Deadlines** 

#### Home

## Learning outcomes that define this course

The student, in order to pass the course, will have to show her/his competence in the following skills:

#### Introduction

Brief presentation of the course

### Competences

#### General aims of the course

The expected results of the course respond to the following general aims

Context/Importance of the course for the master degree

After completing the course, the student will be competent in the following skills:

Relevance of the skills acquired in the course

#### **Evaluation**

#### **Assessment tasks**

The student will prove that he/she has achieved the expected learning results by means of the following assessment tasks:

#### **Activities and resources**

#### **Course methodology**

The learning process that has been designed for this course is based on the following activities:

#### **Outline of the Programme**

The programme offered to the students to help them achieve the learning results includes the following activities :

# Course planning

Calendar of actual sessions and presentation of works

**Bibliographic references of the recommended readings**