



## Teaching Guide

| Teaching Guide      |                                         |        |                   |           |
|---------------------|-----------------------------------------|--------|-------------------|-----------|
| Identifying Data    |                                         |        |                   | 2015/16   |
| Subject (*)         | Portos                                  |        | Code              | 632G01053 |
| Study programme     | Grao en Enxeñaría de Obras Públicas     |        |                   |           |
| Descriptors         |                                         |        |                   |           |
| Cycle               | Period                                  | Year   | Type              | Credits   |
| Graduate            | Yearly                                  | Third  | Optativa          | 4.5       |
| Language            | SpanishEnglish                          |        |                   |           |
| Teaching method     | Face-to-face                            |        |                   |           |
| Prerequisites       |                                         |        |                   |           |
| Department          | Métodos Matemáticos e de Representación |        |                   |           |
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| Web                 |                                         |        |                   |           |
| General description |                                         |        |                   |           |

## Study programme competences

| Code | Study programme competences                                                                                                                                                              |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A23  | Capacidad de aplicación de los procedimientos constructivos, la maquinaria de construcción y las técnicas de planificación de obras.                                                     |
| A28  | Capacidad para construcción y conservación de obras marítimas.                                                                                                                           |
| A36  | Conocimiento del diseño y funcionamiento de las infraestructuras para el intercambio modal, tales como puertos, aeropuertos, estaciones ferroviarias y centros logísticos de transporte. |

## Learning outcomes

| Learning outcomes |  | Study programme competences |  |  |
|-------------------|--|-----------------------------|--|--|
|                   |  | A23                         |  |  |
|                   |  | A28                         |  |  |
|                   |  | A28                         |  |  |
|                   |  | A36                         |  |  |
|                   |  |                             |  |  |
|                   |  | A23                         |  |  |
|                   |  | A28                         |  |  |
|                   |  | A36                         |  |  |

## Contents

| Topic | Sub-topic |
|-------|-----------|
|       |           |
|       |           |
|       |           |

## Planning

| Methodologies / tests          | Competencies | Ordinary class hours | Student?s personal work hours | Total hours |
|--------------------------------|--------------|----------------------|-------------------------------|-------------|
| Introductory activities        |              | 2                    | 0                             | 2           |
| Guest lecture / keynote speech |              | 25                   | 25                            | 50          |
| Supervised projects            |              | 5                    | 30                            | 35          |
| Field trip                     |              | 8                    | 0                             | 8           |
| Case study                     |              | 5                    | 7.5                           | 12.5        |



|                                                                                                                                 |  |   |   |   |
|---------------------------------------------------------------------------------------------------------------------------------|--|---|---|---|
| Personalized attention                                                                                                          |  | 5 | 0 | 5 |
| (*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students. |  |   |   |   |

| Methodologies                  |             |
|--------------------------------|-------------|
| Methodologies                  | Description |
| Introductory activities        |             |
| Guest lecture / keynote speech |             |
| Supervised projects            |             |
| Field trip                     |             |
| Case study                     |             |

| Personalized attention |             |
|------------------------|-------------|
| Methodologies          | Description |
| Supervised projects    |             |
| Case study             |             |

| Assessment                     |              |                                                                                                      |               |
|--------------------------------|--------------|------------------------------------------------------------------------------------------------------|---------------|
| Methodologies                  | Competencies | Description                                                                                          | Qualification |
| Guest lecture / keynote speech |              | Se realizarán al final de cada tema unos controles de pocas preguntas del tema visto                 | 20            |
| Supervised projects            |              | Se tendrá que realizar un trabajo que se propondrá en clase y que se expondrá a todos los compañeros | 80            |
| Field trip                     |              | Se realizarán visitas a campo que no serán obligatorias.                                             | 0             |

| Assessment comments |
|---------------------|
|                     |

| Sources of information |  |
|------------------------|--|
| Basic                  |  |
| Complementary          |  |

| Recommendations                                          |
|----------------------------------------------------------|
| Subjects that it is recommended to have taken before     |
| Enxeñaría do Terro I/632G01020                           |
| Subjects that are recommended to be taken simultaneously |
|                                                          |
| Subjects that continue the syllabus                      |
|                                                          |
| Other comments                                           |
|                                                          |

|                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation. |
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