

| Teaching Guide           |                                                                   |        |                         |           |
|--------------------------|-------------------------------------------------------------------|--------|-------------------------|-----------|
| Identifying Data         |                                                                   |        |                         | 2015/16   |
| Subject (*)              | Sistemas de propulsión                                            |        | Code                    | 730496016 |
| Study programme          | Mestrado Universitario en Enxeñaría Naval e Oceánica (plan 2012)  |        |                         |           |
| Descriptors              |                                                                   |        |                         |           |
| Cycle                    | Period                                                            | Year   | Type                    | Credits   |
| Official Master's Degree | 1st four-month period                                             | First  | Obligatoria             | 4.5       |
| Language                 | Spanish                                                           |        |                         |           |
| Teaching method          | Face-to-face                                                      |        |                         |           |
| Prerequisites            |                                                                   |        |                         |           |
| Department               | Enxeñaría Naval e Oceánica                                        |        |                         |           |
| Coordinador              | Seijo Jordan, Indalecio                                           | E-mail | indalecio.seijo1@udc.es |           |
| Lecturers                | Seijo Jordan, Indalecio                                           | E-mail | indalecio.seijo1@udc.es |           |
| Web                      |                                                                   |        |                         |           |
| General description      | Danse a conocer os principais sistemas de propulsión dos buques . |        |                         |           |

| Study programme competences / results |                                                                                                                                                                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code                                  | Study programme competences / results                                                                                                                                                                                                                                                       |
| B1                                    | Posuír e comprender coñecementos que acheguen unha base ou oportunidade de ser orixinais no desenvolvemento e/ou aplicación de ideas, a miúdo nun contexto de investigación                                                                                                                 |
| B2                                    | Que os estudantes saiban aplicar os coñecementos adquiridos e a súa capacidade de resolución de problemas en ámbitos novos ou pouco coñecidos dentro de contextos máis amplos (ou multidisciplinares) relacionados coa súa área de estudo                                                   |
| B3                                    | Que os estudantes sexan capaces de integrar coñecementos e enfrontarse á complexidade de formular xuízos a partir dunha información que, sendo incompleta ou limitada, inclúa reflexións sobre as responsabilidades sociais e éticas vinculadas á aplicación dos seus coñecementos e xuízos |
| B5                                    | Que os estudantes posúan as habilidades de aprendizaxe que lles permitan continuar estudando dun modo que haberá de ser en boa medida autodirixido ou autónomo.                                                                                                                             |

| Learning outcomes |  |                                       |     |
|-------------------|--|---------------------------------------|-----|
| Learning outcomes |  | Study programme competences / results |     |
|                   |  |                                       | BC1 |
|                   |  |                                       | BC2 |
|                   |  |                                       | BC3 |
|                   |  |                                       | BC5 |

[illegible]



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| Planning                                                                                                                        |                        |                                      |                               |             |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------|-------------------------------|-------------|
| Methodologies / tests                                                                                                           | Competencies / Results | Teaching hours (in-person & virtual) | Student's personal work hours | Total hours |
| Oral presentation                                                                                                               | B1 B2 B3 B5            | 6                                    | 6                             | 12          |
| Objective test                                                                                                                  | B1 B2 B3 B5            | 4                                    | 0                             | 4           |
| Supervised projects                                                                                                             | B1 B2 B3 B5            | 10                                   | 25                            | 35          |
| Guest lecture / keynote speech                                                                                                  | B1 B2 B3 B5            | 30                                   | 30                            | 60          |
| Personalized attention                                                                                                          |                        | 2                                    | 0                             | 2           |
| (*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students. |                        |                                      |                               |             |

| Methodologies                  |             |
|--------------------------------|-------------|
| Methodologies                  | Description |
| Oral presentation              |             |
| Objective test                 |             |
| Supervised projects            |             |
| Guest lecture / keynote speech |             |

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

| Assessment          |                        |             |               |
|---------------------|------------------------|-------------|---------------|
| Methodologies       | Competencies / Results | Description | Qualification |
| Oral presentation   | B1 B2 B3 B5            |             | 30            |
| Objective test      | B1 B2 B3 B5            |             | 30            |
| Supervised projects | B1 B2 B3 B5            |             | 40            |

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

| Sources of information |                                                                                                                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basic                  | - ENRIQUE CASANOVA RIVAS (2001). Máquinas para la propulsión de buques. Servicio Publicaciones UDC<br>- WATSON, D.G.M. (2002). Practical Ship Design. ELSEVIER<br>- LAMB, T (2003). Ship Design and Construction. S.N.A.M.E. |
| Complementary          |                                                                                                                                                                                                                              |

| Recommendations                                          |
|----------------------------------------------------------|
| Subjects that it is recommended to have taken before     |
|                                                          |
| Subjects that are recommended to be taken simultaneously |
|                                                          |
| Subjects that continue the syllabus                      |
|                                                          |



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|----------------|
| 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.