Course guide
820526 - EEQ2Q - Experimentation in Chemical Engineering II

Unit in charge: Barcelona East School of Engineering
Teaching unit: 713 - EQ - Department of Chemical Engineering.
Degree: BACHELOR’S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Compulsory subject).
Academic year: 2022 ECTS Credits: 6.0 Languages: Catalan, Spanish

LECTURER
Coordinating lecturer: MARGARITA SÁNCHEZ JIMÉNEZ
Others:
Primer quadrimestre:
NÚRIA BORRÀS CRISTÒFOL
VICENÇ MARTI GREGORIO
MARGARITA SÁNCHEZ JIMÉNEZ
NURIA SAPERAS PLANA
DAVID ZANUY GOMARA
NÚRIA PAGÉS HERNANDO

Segon quadrimestre:
NÚRIA BORRÀS CRISTÒFOL
VICENÇ MARTI GREGORIO
MARGARITA SÁNCHEZ JIMÉNEZ
NURIA SAPERAS PLANA
DAVID ZANUY GOMARA

REQUIREMENTS

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES
Specific:
1. Design and manage applied experimentation procedures, particularly for determining thermodynamic and transport properties, and the modelling of phenomena and systems in the field of chemical engineering, such as fluid flow systems, heat and mass transfer operations and the kinetics of chemical reactions and reactors.

Transversal:
2. TEAMWORK - Level 3. Managing and making work groups effective. Resolving possible conflicts, valuing working with others, assessing the effectiveness of a team and presenting the final results.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT
*
STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours small group</td>
<td>60.0</td>
<td>40.00</td>
</tr>
<tr>
<td>Self study</td>
<td>90.0</td>
<td>60.00</td>
</tr>
</tbody>
</table>

Total learning time: 150 h

CONTENTS

* Description:

* Full-or-part-time: 10h
  Theory classes: 4h
  Self study: 6h

Experimental sessions

* Description:

* Related activities:

* Full-or-part-time: 140h
  Laboratory classes: 56h
  Self study: 84h

ACTIVITIES

* Description:

* Material:

* Delivery:

* Full-or-part-time: 140h
  Laboratory classes: 56h
  Self study: 84h
Description:

Full-or-part-time: 2h
Theory classes: 2h

GRADING SYSTEM

BIBLIOGRAPHY

Basic: