

Program	09TT- Engineering in Telecommunication Technologies and Services
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Course number and name	
Number	95000087
Name	Laboratory of electro-thermochemical techniques Laboratorio de técnicas electro-termoquímicas
Semester	Y2-S4

Credits and contact hours	
ECTS Credits	5
Contact hours	57.5

Coordinator's name	María José Melcón de Giles
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Specific course information		
Description of course content		
Physics and chemistry concepts will be approached through laboratory practice by taking into account, not only the scientific point of view, but also waste management, report writing and oral presentations on different topics related to the course.		
List of topics to be covered		
1. Basic operations, 2. Heat transmission, 3. Electrochemical systems, 4. Chemical instruments, 5. Waste management.		
Prerequisites or co-requisites		
None		
Course category in the program		
<input type="checkbox"/> R (required)	<input checked="" type="checkbox"/> X E (elective)	<input type="checkbox"/> SE (selective elective)
Specific goals for the course		
Specific outcomes of instruction		
RA45: Acquire knowledge and skills about the scientific and technological topics of the course.		
Student outcomes addressed by the course		
CG13; CG4; CG7 CEB3		

Bibliography and supplemental materials
- MOODLE: practical guides, theory, reports.

- PRÁCTICAS DE ELECTROQUÍMICA, Gallego Picó, Alejandrina. – Ed. UNED (2011).
- PROPIEDADES MECÁNICAS Y TÉRMICAS DE LOS MATERIALES, Colliou, Powney. – Ed. Reverté (1990).
- PRÁCTICAS DE QUÍMICA GENERAL Y DEL MEDIO AMBIENTE, Garcés, Andrés y Gómez, Santiago S.L. - Libros Dykinson (2009).

Teaching methodology			
X_ lectures	_ _ problem solving sessions	_X_ collaborative actions	_X_ laboratory sessions
Other:			