



Universidad
Politécnica
de Cartagena

Campus
de Excelencia
Internacional

TITLE

SAFETY AND ENVIRONMENTAL MANAGEMENT

SEGURIDAD Y GESTIÓN AMBIENTAL

Transversal Activities of Doctorate

Universidad Politécnica de Cartagena

1. General course information					
Name		Safety and Environmental Management			
Level		Doctorate			
University		Universidad Politécnica de Cartagena			
Language		Spanish/English. Español/Inglés			
ECTS	1	hours / ECTS	10	Total hours	30

2. Lecture data			
Lecturer in charge		JOSÉ M ^a MORENO GRAU/LUIS NEGRAL ÁLVAREZ	
Department		ENVIRONMENT AND CHEMICAL ENGEENERING	
Knowledge area		ENVIRONMENTAL TECHNOLOGIES	
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3. Course objectives
<p>The course syllabus is oriented to teach the students the importance to protect our environment. Environment is not only the place where we live or work. Environment is our neighbours, job-mates, properties and all the features that surround us. To accomplish these tasks several tools have been developed, including occupational safety and health.</p> <p>The course will focus in how to minimize injuries in our workplace following the right safety guidelines. The need to comply with applicable laws and laboratory safe practices. And, to evaluate the Safety and Environmental aspects of equipment and services.</p>

4. Theory programme
<ol style="list-style-type: none"> 1. The environmental policy of the company. 2. Introduction of environmental management tools. 3. Integrated Protection and Pollution Control. Environmental Assessment. 4.- Introduction to laboratory risks. Safe laboratory practices. 5.- Protective equipment. 6.- Laboratory waste management. 7.-First aid.

5. Practical programme

Case study

6. Hours distribution

Activity	Location	Student work	Hours
Theory programme		Attend class	9
		Homework: study of the theory contents	10
Practice		Attend class	1
		Homework:	5
Tutoring	Virtual	Virtual ...	5
			30