

Course Title	Occupational Hygiene and Occupational Health				
Course Code	OSH645				
Course Type	Elective				
Level	Master (2 nd Cycle)				
Year / Semester	1 st year/ 2 nd semester				
Teacher's Name	TBA				
ECTS	10	Lectures / week	3 hours / 14 weeks	Laboratories / week	N/A
Course Purpose and Objectives	OSH645 introduces students to the most important concepts around occupational health and the interaction between health and the workplace environment. The various occupational hazards and their effects on human health will be examined, as well as practical issues around risk prevention and management, monitoring, health surveillance and assessing fitness for work.				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Understand how occupation affects the health of workers in different ways • Identify hazards at the workplace and the environment that pose a threat to human health • Apply methods to monitor and control hazards at the workplace in a rational and effective fashion • Understand the operational complexities around monitoring, maintaining and protecting the health of workers, and managing occupational risks • Identify the most common occupational diseases and their public health significance • Understand the factors that influence a person's fitness for work in general and for particular work tasks 				
Prerequisites	None	Required	None		
Course Content	<ul style="list-style-type: none"> • Occupational hazards (physical, chemical, biological, mechanical, psychosocial, etc) • Occupational hygiene and exposure monitoring; principles of toxicology • Occupational diseases (musculoskeletal, infections, malignancies, respiratory, skin, reproductive, etc) • Assessing fitness for work • Sickness absence, rehabilitation and retirement • Principles of health surveillance and prevention of occupational diseases 				

	<ul style="list-style-type: none"> Operational and ethical issues in occupational health; risk assessment and risk management Principles of environmental health 								
Teaching Methodology	Face-to-Face								
Bibliography	<p>Required Reading(s):</p> <p>Smedley, Julia, Finlay Dick, and Steven Sadhra, eds. <i>Oxford handbook of occupational health</i>. Oxford University Press. Oxford, 2013.</p> <p>Recommended Reading(s) :</p> <p>Waldron, HA. <i>Occupational health practice</i>. Butterworth-Heinemann, 2013.</p>								
Assessment	<table border="1"> <tr> <td>Examinations</td> <td>50%</td> </tr> <tr> <td>Class Participation and Attendance</td> <td>10%</td> </tr> <tr> <td>Project</td> <td>40%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Examinations	50%	Class Participation and Attendance	10%	Project	40%		100%
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Language	English								