

Course Title	Safety Management & OSH Legislation				
Course Code	OSH600				
Course Type	Compulsory				
Level	Master (2nd Cycle)				
Year / Semester	1st Year/ 1st semester				
Teacher's Name	TBA				
ECTS	10	Lectures / week	3 hours / 14 weeks	Laboratories / week	N/A
Course Purpose and Objectives	<p>The objective of Safety Management & OSH Legislation is to introduce students to the basics of health & safety management, as well as provide them with an in-depth understanding of the legal background in OSH. A thorough presentation of the national and EU legislation will be given, together with a clear exposition of the essential contribution of safety & health management to an organization's corporate risk management and governance obligations to its various stakeholders. Students will master the legal, policy, financial, organizational and strategic aspects of health and safety legislation and will be introduced to the main national and international policymaking bodies. The importance of applying a holistic, organizational-wide safety management system and plan will be based on an understanding of the importance of risk assessment for determining and directing risk reduction and control measures. Finally, students will be expected to understand the importance of establishing a positive safety culture and the key variables and processes in achieving one.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <p>Explore in depth the legal foundations of OSH in a Global (ILO), European (EU-OSHA) and National (DLI) level</p> <p>Identify the philosophy behind the legal background in OSH and highlight the social circumstances (e.g. industrial revolution) that led to its development and adoption</p> <p>Based on National and EU relevant legislation, develop health and safety policies and strategies</p> <p>Design the basic steps of the implementation of an occupational health and safety plan at the organization level, taking into account the results of a relevant risk evaluation</p> <p>Design the basic steps of the implementation of a health and safety management system, taking in account the organization's business and production processes, its employees, visitors, contractors and sub-contractors as well as others who may be affected by the organization's activities e.g. product safety/liability, safety of structures and buildings for end users and the public</p> <p>Establish the necessary and appropriate monitoring, auditing, incident reporting, investigation and analysis mechanisms for safeguarding health and safety</p>				

	<p>Draw lessons and inferences from Safety Science history</p> <p>Discuss in depth safety science theories and identify their relationship with required practice</p> <p>Identify and discuss the importance of safety metaphors</p> <p>Learn how to promote a positive safety culture at individual, group, organizational and inter-organizational levels and challenge attitudes and behaviours which are dangerous for health and safety.</p>		
Prerequisites	None	Required	None
Course Content	<p>Safety Management & OSH Legislation will provide students with all the necessary information and techniques surrounding the design and implementation of a risk-based, tailor-made safety management system (SMS). Legal and organizational issues will be put into context and the importance of feedback mechanisms and risk communication strategies will be illustrated and applied. Safety culture will be explained in detail; risk assessment and control implementation techniques will be imparted and analysed critically in relation to their appropriate application.</p> <p>Topics that will be discussed:</p> <p>Cyprus H&S legislation (Οι περί Ασφάλειας και Υγείας στην Εργασία Νόμοι του 1996 – 2015)</p> <p>EU H&S Legislation e.g. Directive 89/391 Health & Safety Framework, Directive 82/501 Major Hazards (Seveso I) and Directive 96/82 Major Hazards (Seveso II)</p> <p>Relative benefits and effectiveness of (a) self-regulatory goal-directed H&S legislation and enforcement and (b) prescriptive compliance orientated legislation and enforcement</p> <p>H&S Institutions (global, EU and national)</p> <p>Role and contribution of H&S management to Enterprise Risk Management and Corporate Governance</p> <p>First steps of planning and organization of a H&S management system</p> <p>H&S risk reduction and control options, with practical examples</p> <p>Internal monitoring and audit and review mechanisms for H&S, including incident reporting, investigation and feedback to risk assessment and training.</p> <p>The link between risk assessment and safety decision-making in the SMS</p> <p>Risk communication</p> <p>Safety Culture</p> <p>Leadership</p> <p>Influencing safety culture (e.g. leadership, standards, H&S KPIs etc)</p> <p>Human error and accident causation</p>		

	High Reliability Organizations (HRO's) Resilience								
Teaching Methodology	Face-to-Face								
Bibliography	<p>Required Readings:</p> <p>George Boustras, Frank W. Guldenmund Safety Management in Small and Medium Sized Enterprises (SMEs) (The Interface of Safety and Security) Latest Edition, CRC Press, ISBN-10: 1498744729,</p> <p>Recommended Readings:</p> <p>A.C. Neal European Communities' Health and Safety Legislation Latest Edition, Routledge, ISBN-10: 1138430951</p> <p>Safety Science, Elsevier, ISSN: 0925-7535</p>								
Assessment	<table border="1"> <tr> <td>Examinations</td> <td>60%</td> </tr> <tr> <td>Class Participation and Attendance</td> <td>10%</td> </tr> <tr> <td>Project</td> <td>30%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Examinations	60%	Class Participation and Attendance	10%	Project	30%		100%
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Language	English								