

Course Title	Health and Safety Management and Safety Culture				
Course Code	AVM412				
Course Type	Compulsory				
Level	Bachelor (1 st cycle)				
Year / Semester	4 th Year / 1 st Semester				
Instructor's name	TBA				
ECTS	7	Lectures / week	3 Hours/ 14 Weeks	Laboratories / week	None
Course Purpose and Objectives	<p>The objective of this course is to introduce students to the basics of health and safety management and the promotion of a safety culture. A thorough presentation of the national and EU legislation will be given, together with a clear exposition of the essential contribution of safety and health management to an organization's corporate risk management and governance obligations to its various stakeholders. Students will understand the legal, policy, financial, organizational and strategic aspects of health and safety legislation and will be introduced to the main national and international policy making 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> <ul style="list-style-type: none"> • Based on National and EU relevant legislation, develop health and safety policies and strategies • Design and help to implement an occupational health and safety plan at the organization level, taking into account the results of a relevant risk evaluation • Design and help to implement 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 				

	<ul style="list-style-type: none"> • Establish the necessary and appropriate monitoring, auditing, incident reporting, investigation and analysis mechanisms for safeguarding health and safety and promoting a safety culture • Promote a positive safety culture at individual, group, organizational and inter-organizational levels and challenge attitudes and behaviors which are dangerous for health and safety. 		
Prerequisites	None	Co-requisites	None
Course Content	<ul style="list-style-type: none"> • Cyprus H&S legislation (Οι περί Ασφάλειας και Υγείας στην Εργασία Νόμοι του 1996 – 2011) • 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) • Relative benefits and effectiveness of (a) self-regulatory goal-directed H&S legislation and enforcement and (b) prescriptive compliance orientated legislation and enforcement • H&S Institutions (global, EU and national) • Role and contribution of H&S management to Enterprise Risk Management and Corporate Governance • Design of H&S management systems and relevance of standards such as OSHAS 18000 • Planning and organization of a H&S management system • H&S risk reduction and control options, with practical examples • Internal monitoring and audit and review mechanisms for H&S, including incident reporting, investigation and feedback to risk assessment and training. • The link between risk assessment and safety decision-making in the SMS • Risk communication • Safety Culture • Influencing safety culture (e.g. leadership, standards, H&S KPIs etc) • Human error and accident causation • High Reliability Organizations (HRO's) • Resilience 		

Teaching Methodology	Face-to-face
Bibliography	<ul style="list-style-type: none"> • Michael Quinlan, Philip Boyle and Felicity Lamm (2010). <i>Managing occupational health and safety; a multidisciplinary approach</i>. 3rd edition. South Yarra: Palgrave MacMillan • Alan J. Stolzer, Carl D. Halford, John J. Goglia. <i>Implementing Safety Management Systems in Aviation</i>. Rourledge. 2013. ISBN 978-1472412799 • Michael Ferguson, Sean Nelson. <i>Aviation Safety: A Balanced Industry Approach</i> . International Edition. Delmar Cengage Learning. 2014. ISBN 978-1-133-28432-1 • Ian Glendon, Sharon Clarke and Eugene McKenna, <i>Human Safety & Risk Management</i>, 2nd edition, CRC Press/Taylor & Francis, 2006 (ISBN9780849330902) • Roland Burke, Carey Cooper and Sharon Clarke (editors), <i>Occupational Health & Safety</i>, Ashgate, 2011 (ISBN9780566089831) • Tony Boyle, <i>Health & Safety: Risk Management</i>, revised 3rd edition, Institution of Occupational Safety & Health, 2011, (ISBN9780901357410) • James Reason, <i>Human Error</i>, Cambridge University Press, 1990, (ISBN9780521314190) • David Walters, <i>Health and Safety in Small Enterprises (Work & Society)</i>, Peter Lang, 2001, (ISBN9052019525) • Regina E. Lundgren, <i>Risk Communication: A Handbook for Communicating Environmental, Safety, and Health Risks</i>, Wiley-IEEE Press, 2009, (ISBN0470416890)

	<ul style="list-style-type: none"> • David Walters & Theo Nichols , Worker Representation and Workplace Health and Safety, Palgrave Macmillan, 2007, (ISBN 0230001947) • Gregory W. Smith, Management Obligations for Health and Safety, CRC Press, (ISBN 1439862788) 								
Assessment	<table border="1"> <tr> <td>Examinations</td> <td>60%</td> </tr> <tr> <td>Assignments</td> <td>30%</td> </tr> <tr> <td>Participation</td> <td>10%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Examinations	60%	Assignments	30%	Participation	10%		100%
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Language	English								