

ID	3899
Curricular Unit	Prevention Management
Regent	Rui Bettencourt Melo

Learning Outcomes

This course intends to:

- Include the management of Occupational Safety and Health (OSH) within the organizational management and present the framework of the National and European legislation;
- Characterize the models of organization and operation of OSH services;
- Define the principles underlying the OSH management function;
- Describe the main requirements for implementing an OSH management system, as well as its basic structure;
- Provide means for assessing the performance of any organization in terms of OSH.

Syllabus	<ol style="list-style-type: none"> 1. Central Concepts of Prevention <ol style="list-style-type: none"> 1.1. Work accident 1.2. Occupational disease and related concepts 1.3. Hazard and risk factor 1.4. Risk 1.5. Risk control 1.6. Prevention 1.7. Protection 2. Legal framework of OSH management <ol style="list-style-type: none"> 2.1. Fundamental legal notions 2.2. Framework directive and Law no. 3/2014, of January 28 2.3. Prevention national/international network organizations 3. Risk management as a central element of the prevention management system <ol style="list-style-type: none"> 3.1. ISO 31000 series 3.2. Risk assessment <ol style="list-style-type: none"> 3.2.1. Risk analysis 3.2.2. Risk evaluation 3.3. Risk control and underlying principles 3.4. Ergonomics as an asset in risk management 4. Prevention management <ol style="list-style-type: none"> 4.1. OSH and the strategic domains of the organization 4.2. The economic dimension of OSH and Law no. 98/2009, of September 4 4.3. OSH services organization and Law no. 3/2014, of January 28 4.4. OSH human resources and Law no. 3/2014, of January 28 4.5. The OSH management system <ol style="list-style-type: none"> 4.5.1. Reasons for the implementation 4.5.2. Expectable difficulties during the implementation 4.5.3. Types of systems 4.5.4. Implemented standards (OSHAS 18001/NP 4397 and ISO 45001) 4.5.5. High-level structure 4.5.6. New requirements and changed requirements 4.5.7. OSH audits and NP EN ISO 19011:2012 4.6. OSH performance indicators
Evaluation	<ol style="list-style-type: none"> 1. Continuous process <ol style="list-style-type: none"> i) students are required to do a group assignment within the OSHMS framework; ii) a written test is also mandatory, and a minimum grade of 8.5 is required; iii) the final grade is computed with those obtained in i) and ii), with weights of 40% and 60%, respectively; iv) an optional oral test may be requested by students in order to increase the final grade (to ensure access to this test a minimum of 9.5 is required). 2. Final examination <ol style="list-style-type: none"> i) a written exam, covering all topics from the syllabus, is mandatory and a minimum grade of 9.5 is required; ii) an optional oral exam may be requested by students in order to improve the final grade (to ensure access to this exam a minimum of 9.5 is required).

Bibliography

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