

Integrated Management Systems Course

<i>Name of the subject:</i> Integrated Management Systems - BSc	<i>SUBJECT code:</i>	Weekly hours: 2 - lectures	Credit: 6 ECTS
<i>Subject leader:</i> Predrag Djordjevic	<i>Academic Degree:</i> Assistant Professor	Prerequisites: Acquired knowledge in the field of quality management	

Purpose:

The objective of the lectures is to provide students an opportunity to acquire knowledge in the field of integrated management systems and to learn about the basic requirements for implementing an integrated management system, defined by relevant standards, within a single business system. Students will gain knowledge about the purpose, structure, necessary resources and ways of implementing a large number of international standards in a management system.

Course description:

The lectures will cover the following topics: Significance of the integration of the management system (IMS), IMS structure, Environmental Management System fundamentals, Fundamentals of OHSAS 18001; Fundamentals of ISO 10014:2006; Management processes - foundation for integration; ISO 9001 and related standards – process approach; ISO 9001 and environmental standards; ISO 9001 and occupational health and safety standards; ISO 9001 and food safety standards; ISO 9001 and laboratory accreditation standards; Other management organizational standards; ISO/TS 16949; Designing IMS; Establishing an IMS; Measuring and managing IMS performance; Information support for management of IMS.

Schedule

Weeks	Topics
1.	Introduction to the integration of the management systems
2.	Structure of IMS
3.	Fundamentals of Environmental Management System (EMS)
4.	Occupational Health and Safety management system (OHSAS 18001)
5.	ISO/TS 16949:2006
6.	Fundamentals of ISO 10014:2006
7.	Management processes as a foundation for integration
8.	ISO 9001 and environmental standards, ISO 9001 and occupational health and safety standards
9.	ISO 9001 and food safety standards, ISO 9001 and laboratory accreditation standards
10.	Other management organizational standards
11.	Designing IMS and establishing an IMS
12.	Measuring and managing IMS performance
13.	Information support for management of IMS
14.	Project seminar work presentation and discussion

Final grade:

Grading Policy:

Activity	Points
Midterm Exam	30 (10 Written Exam + 20 Oral Exam)
Class Participation	10
Midterm Exam	20
Seminar project	10
Final Exam	60 (30 Written Exam + 30 Oral Exam)
Grading Scale:	
Points	Grade
0 - 50	5 (Failed)
51 - 60	6 (Satisfactory)
61 - 70	7 (Good)
71 - 80	8 (Very Good)
81 - 90	9 (Excellent)
91 - 100	10 (Excellent - Outstanding)
Compulsory literature:	
<ol style="list-style-type: none"> 1. Pardy, W., Andrews, T., (2009). Integrated management systems: Leading strategies and solutions. Government Institutes. 2. Lee, T. H., Shiba, S., Wood, R. C., (1999). Integrated Management Systems: A Practical Approach to Transforming Organizations. Wiley. 	
Supplemental literature:	
<ol style="list-style-type: none"> 1. Gryna, F., Chua, R. C. H., De Feo, J. A., (2007). Juran's Quality Planning and Analysis for Enterprise Quality. McGraw-Hill Education. 2. Bernardo, M., Simon, A., Tarí, J. J., Molina-Azorín, J. F., (2015). Benefits of management systems integration: a literature review. Journal of Cleaner Production, 94, 260-267. 3. Henrik, E., Jonas, H., (2006). Integrated Management Systems – Theoretical and Practical Implications. Asian Journal on Quality, 7 (2), 69-82. 	