UAB
Universitat Autònoma de Barcelona

Integrated Management Models: Corporate Quality and Security

Code: 101844
ECTS Credits: 6

2025/2026

Degree	Type	Year
Prevention and Integral Safety and Security	OB	3

Contact

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Teaching groups languages

You can view this information at the end of this document.

Prerequisites

This subject doesn't have any pre-requirements

Objectives and Contextualisation

The objective of this course is for students to be able to design, develop, implement and manage the fundamental requirements of the Quality Management Systems in a business context whether private or public, in accordance with international standards ISO 9001 and Total Quality, through the Learning common use tools in other Corporate Security management systems.

Competences

- Be able to adapt to unexpected situations.
- Be able to communicate efficiently in English, both orally and in writing.
- Carry out analyses of preventative measures in the area of security.
- Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
- Identify, manage and resolve conflicts.
- Identify the resources necessary to respond to management needs for prevention and integral security.
- Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
- Make changes to methods and processes in the area of knowledge in order to provide innovative responses to society's needs and demands.
- Make efficient use of ITC in the communication and transmission of results.
- Respond to problems applying knowledge to practice.
- Show respect for diversity and the plurality of ideas, people and situations.
- Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
- Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.

- Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
- Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
- Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
- Take account of social, economic and environmental impacts when operating within one's own area of knowledge.
- Use the capacity for analysis and synthesis to solve problems.
- Work in institutional and interprofessional networks.

Learning Outcomes

1. Analyse the preventative interventions in matters of security, environment, quality and social corporate responsibility and identify the inherent risk factors.
2. Analyse the situation and identify the points that are best.
3. Be able to adapt to unexpected situations.
4. Be able to communicate efficiently in English, both orally and in writing.
5. Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
6. Identify, manage and resolve conflicts.
7. Identify the resources necessary for managing security, the environment, quality and social corporate responsibility.
8. Identify the social, economic and environmental implications of the academic and professional activities in the field of self-knowledge.
9. Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
10. Make efficient use of ITC in the communication and transmission of results.
11. Propose new methods or well-founded alternative solutions.
12. Propose viable projects and actions that promote social, economic and environmental benefits.
13. Respond to problems applying knowledge to practice.
14. Show respect for diversity and the plurality of ideas, people and situations.
15. Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
16. Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
17. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
18. Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
19. Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
20. Use the capacity for analysis and synthesis to solve problems.
21. Weigh up the risks and benefits of both your own proposals for improvement and those of others.
22. Work in institutional and interprofessional networks.

Content

Topic 1- Introduction to Quality Management.
Topic 2- Product safety and quality management systems. ISO standards.
Topic 3- Implementation process of the ISO 9001: 2015 standard.
Topic 4- Integrated management systems: ISO 9001-ISO 14001-ISO 45001.
Topic 5- Models for the implementation of Total Quality (TQM).

Topic 6- The EFQM model- Interrelationships and differences between EFQM and ISO standards.
Topic 7- Corporate Security

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Evaluation	4	0.16	3, 10, 19, 15, 22
Theoretical classes and practical exercises	40	1.6	3, 2, 4, 9, 13, 1, 10, 7, 6, 8, 21, 12, 19, 18, 17, 15, 16, 14, 22, 20
Type: Supervised			
Follow-up tutorials for team works: supervision of the teacher	12	0.48	2, 9, 13, 1, 10, 5, 7, 6, 8, 21, 11, 12, 19, 18, 17, 15, 22
Type: Autonomous			
Personal study: personal work of consolidation of knowledge	37	1.48	2, 13, 1, 10, 5, 7, 8, 21, 11, 12, 19, 18, 15, 16, 22, 20
Resolution of practical cases and accomplishment of works in group	57	2.28	3, 2, 4, 9, 13, 1, 10, 5, 7, 6, 8, 21, 11, 12, 19, 18, 15, 16, 14, 22, 20

The teaching methodology consists of a combination of the traditional master classes whith the autonomous study and development of practical cases in groups.

Teaching language: English.

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Conceptual theoretical tests	50%	0	0	3, 10, 19, 18, 15, 22
Solving practical cases and carrying out group works	50%	0	0	3, 2, 4, 9, 13, 1, 10, 5, 7, 6, 8, 21, 11, 12, 19, 18, 17, 15, 16, 14, 22, 20

CONTINUOUS ASSESSMENT will consist of:

- Written tests that assess the students' acquired knowledge (50% of the assessment grade):
Test 1: Definitions/descriptions associated with the concepts covered during the course in the area of Quality Management Systems and Corporate Security (20%)

Test 2: Contexts associated with the concepts covered during the course in the area of Quality Management Systems and Corporate Security (30%).
These tests will consist of short-answer questions.
Failure to attend any of these tests will be considered as NOT EVALUABLE.

- Submission of group practical exercises (50% of the assessment grade):

Throughout the course, a total of 5 group practical exercises on quality management systems will be completed. Two of these exercises will be assessed upon submission of the exercise and will each carry a weight of 25% of the assessment grade. Due to their curricular nature, students' in-person participation in the assessable practical exercises is mandatory. Failure to attend requires the corresponding formal justification from the student for consideration.
Non-participation in any of the curricular exercises will be considered UNASSESSABLE.
In this course, the use of Artificial Intelligence (AI) technologies is permitted, provided that the final result reflects a genuine contribution consistent with the subject matter of the work presented. Students must clearly identify which parts have been generated with this technology and specify the tools used. Lack of transparency in the use of AI will be considered a breach of academic dishonesty and may result in a penalty on the assignment grade.

- Continuous evaluation score: The score for the continuous assessment willbe the result of adding the weighted grades of the two tests and the two evaluable practical exercises, as long as the requirements for their assessment are met..

SINGLE ASSESSMENT:

Students who opt for a single assessment will take two separate tests on the subject content, each weighing 50%, and will submit two practical exercises, also weighing 50%. The date and time for the test and the submission of the exercises will be the same as those scheduled for the final continuous assessment exam. Failure to participate in the final tests or failure to submit the practical exercises will be considered UNASSESSABLE.
The same make-up system will apply as for continuous assessment.

EVALUATION of the STUDENTS in SECOND CALL or MORE: Students who repeat the course will have to complete the exams and practical exercises scheduled in the Moodle classroom..

RECOVERY: In case of not passing the subject in accordance with the aforementioned criteria (continuous assessment), students may take a recovery test on the scheduled date and time and which will deal with the contents of the program. To participate in the recovery, students must have been previously evaluated in a set of activities, whose weight is equivalent to a minimum of two thirds of the total grade for the subject. However, the grade that will appear in the student's record will be a maximum of 5-Pass.

WARNING: Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, irregularities committed by students that may lead to a grade variation will be graded zero (0). For example, plagiarizing, copying, allowing copying..., an evaluation activity, will imply failing this evaluation activity with a zero(0). Theevaluation activities qualifiedin this way and by this procedure will not be recoverable. If it is necessary to pass any of theseevaluation activities to pass the subject, this subject will be directly suspended, with no opportunity to recover it in the same course.

REVIEW OF EVALUATIVE ACTIVITIES: At the end of each evaluation activity, lecturers will inform the students of the the procedures and deadline for the evaluation of the activity..

Use of IA

In this course, the use of Artificial Intelligence (AI) technologies is not permitted at any stage. Any work that includes AI-generated content will be considered a breach of academic integrity and may result in a partial or total penalty in the activity's grade, or more severe sanctions in serious cases.

Bibliography

RECOMMEND BIBLIOGRAPHY:

- Jiménez T., P. & Equeter L., A., (2025) . *Modelos integrados de gestión: Calidad y Seguridad Corporativa.* Escuela de Preveción y Seguridad Integral - Universidad Autónoma de Barcelona.

- CEN (20015). *UNE-EN ISO 9001:2015. Sistemas de gestión de la calidad Requisitos.* AENOR.

- CEN (2015). UNE-EN ISO 14001.2015. *Sistemas de gestión ambiental. Requisitos con orientación para su uso.* AENOR.

- ISO, (2018). *UNE-EN ISO 45001:2018. Sistemas de gestión de la seguridad y salud en el trabajo. Requisitos con orientación para su uso.*ISO.

- Jankalova, M. & Jankal, R.(2016). *T*he Application of The EFQM Excellence Model by the Evaluation of Corporate Social Responsibility Activities of Companies. *Procedia Economics and Finance*, *39,* P. 660-667. https://doi.org/10.1016/S2212-5671(16)30313-6.

FURTHER BIBLIOGRAPHY:

- alainversa.(2014, marzo 16). *Plus Consulting gestión empresarial* (Podcast). Retrieved on 07/02/2024 from https://www.ivoox.com/12-3-2014-tema-normativa-iso-9001-su-aplicacion-audios-mp3_rf_2927705_1.html

- alainversa (2014, marzo 16). *Plus Consulting gestión empresarial* (Podcast). Retrieved on 07/02/2024 from https://www.ivoox.com/5-3-2014-tema-normativa-iso-9001-su-aplicacion-audios-mp3_rf_2927540_1.html

- alainversa (2014, marzo 16). *Plus Consulting gestión empresarial* (Podcast). Retrieved on 07/02/2024 from https://www.ivoox.com/26-2- 2014-tema-la-calidad-como-pilar-la-audios-mp3_rf_2927466_1.html

- alainversa (2014, marzo16). *Plus Consulting gestión empresarial* (Podcast). Retrieved on 07/02/2024 from https://www.ivoox.com/12-2-2014-tema-introduccion-a-a-norma-iso-audios-mp3_rf_2927222_1.html

- Fundación Europea para la Gestión de la Calidad (2003). *Manual EFQM de Excelencia: pequeñas y medianas empresas (PYMES).* EFQM.

Software

This course does not require specific software.

Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this link. To consult the language you will need to enter the CODE of the subject.

Name	Group	Language	Semester	Turn
(TE) Theory	1	Spanish	second semester	afternoon
(TE) Theory	2	Spanish	second semester	afternoon