



Teaching Guide

| Identifying Data | | | | | 2023/24 |
|----------------------------|---|---------------|---------------------------|----------------|---------|
| Subject (*) | Occupational Risk Prevention and Management II | | Code | 660G01024 | |
| Study programme | Grao en Relacións Laborais e Recursos Humanos (Coruña) | | | | |
| Descriptors | | | | | |
| Cycle | Period | Year | Type | Credits | |
| Graduate | 2nd four-month period | Third | Obligatory | 6 | |
| Language | SpanishGalicianEnglish | | | | |
| Teaching method | Face-to-face | | | | |
| Prerequisites | | | | | |
| Department | | | | | |
| Coordinador | Villarroya López, Alberto | E-mail | alberto.villarroya@udc.es | | |
| Lecturers | Villarroya López, Alberto | E-mail | alberto.villarroya@udc.es | | |
| Web | www.erlac.es | | | | |
| General description | Provide a complete and updated vision on the conditions of work and the technical aspects of the prevention of occupational risks specialities in the companies and their influence in workers. | | | | |

Study programme competences

| Code | Study programme competences |
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| A1 | Marco normativo regulador das relacións laborais. |
| A2 | Marco normativo regulador da Seguridade Social e da protección social complementaria. |
| A3 | Saúde laboral e prevención de riscos laborais. |
| A5 | Políticas sociolaborais. |
| A14 | Seleccionar e xestionar información e documentación laboral. |
| A22 | Planificación e deseño, asesoramento e xestión dos sistemas de prevención de riscos laborais. |
| A31 | Aplicar os coñecementos á práctica. |
| B1 | Resolución de problemas. |
| B2 | Capacidade de análise e síntese. |
| B3 | Capacidade de organización e planificación. |
| B6 | Comportarse con ética e responsabilidade social como cidadán e como profesional. |
| B9 | Traballo en equipos. |
| B12 | Motivación para a calidade. |
| C7 | Asumir como profesional e cidadán a importancia da aprendizaxe ao longo da vida. |

Learning outcomes

| Learning outcomes | Study programme competences | | |
|---|-----------------------------|-----|----|
| A1 Marco normativo regulador das relacións laborais. | A1 | | |
| A2 Marco normativo regulador da Seguridade Social e da protección social complementaria. | A2 | | |
| A3 Saúde laboral e prevención de riscos laborais. | A3 | | |
| A5 Políticas sociolaborais. | A5 | | |
| A14 Seleccionar e xestionar información e documentación laboral. | A14 | | |
| A22 Planificación e deseño, asesoramento e xestión dos sistemas de prevención de riscos laborais. | A22 | | |
| A31 Aplicar os coñecementos á práctica | A31 | | |
| B1 Resolución de problemas. | | B1 | |
| B2 Capacidade de análise e síntese | | B2 | |
| B3 Capacidade de organización e planificación. | | B3 | |
| B9 Traballo en equipos. | | B9 | |
| B12 Motivación para a calidade. | | B12 | |
| C7 Asumir como profesional e cidadán a importancia da aprendizaxe ao longo da vida. | | | C7 |



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| Comportarse con ética e responsabilidade social como cidadán e como profesional. | B6 |
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| Contents | |
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| Topic | Sub-topic |
| SUBJECT 1.- Economy of the prevention. | Injuries statistics. Justification of the prevention. Cost of the accidents and classification. Methods of analysis of costs. |
| SUBJECT 2.- Safety at work. | Minimum requirements of work places. Order, cleaning and maintenance. Material of first aids. Security signals. Legal rules. |
| SUBJECT 3.- Industrial hygiene I. | Professional illness. Medical protocols. Hygiene at work. Chemical and biological agents. Methodology of performance. |
| SUBJECT 4.- Industrial hygiene II. | Noise. Vibrations. Temperature and humidity. Radiations. General characteristics. Evaluation and legal norms. Methods of control of the risk. |
| SUBJECT 5.- Ergonomics I. | Concept of ergonomics. Analysis and design of workplaces. Work load. Operative methodologies. Thermal comfort. Illumination. |
| SUBJECT 6.- Ergonomics II. | Manual handling of loads. Visual Data Screens. Awkward postures. Repetitive movements. Legal norms. |
| SUBJECT 7.- Applied psychosociology. | Psychosocial risk. Health impact and factors. Work stress. Mobbing. Preventive measures. |
| SUBJECT 8.- Prevention management system. | Documentation. Manual and Procedures. Registers and archives. Control of performances: audits. |

| Planning | | | | |
|--------------------------------|-------------------------|----------------------|-------------------------------|-------------|
| Methodologies / tests | Competencies | Ordinary class hours | Student?s personal work hours | Total hours |
| Guest lecture / keynote speech | A1 A2 A14 B9 | 21 | 35 | 56 |
| Case study | A3 A22 A31 B1 B2 B12 | 21 | 42 | 63 |
| Objective test | A5 B3 B6 C7 | 2 | 25 | 27 |
| Personalized attention | | 4 | 0 | 4 |

(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

| Methodologies | |
|--------------------------------|---|
| Methodologies | Description |
| Guest lecture / keynote speech | Expositive classes with support of audiovisual means and direct intervention of the students. |
| Case study | Analysis of practical suppositions as a complement of the theoretical contents exposed in the magistral sessions with inclusion of cases current related with the labour risks. |
| Objective test | Individual written proof on the knowledge of the contents obtained by the student. |

| Personalized attention | |
|------------------------|-------------|
| Methodologies | Description |



| | |
|--|--|
| <p>Case study Guest lecture / keynote speech</p> | <p>They will be planned specific situations on prevention of labour risks, inciting to the active and dynamic discussion of the distinct proposals that the students go arousing, with the object to reach conclusions on the questions proposed.</p> <p>They will analyse normative appearances on the labour legislation to achieve that the student think about their own opinion, assessment and objects of normative interpretation.</p> <p>Exhibition of the contents with application of audiovisual means.</p> <p>Analysis of practical suppositions as a complement of the theoretical contents exposed in the classes.</p> |
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| Assessment | | | |
|----------------|-------------------------|--|---------------|
| Methodologies | Competencies | Description | Qualification |
| Case study | A3 A22 A31 B1 B2 B12 | Assessment of the contributions of the students in the realisation of individual practical cases proposed. | 40 |
| Objective test | A5 B3 B6 C7 | Individual proof on the knowledge of the contents achieved by the student. | 60 |

| Assessment comments |
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| <p>The practical part of the subject ("Case Study") accounts for 40% of the final grade, while the theoretical part ("Objective Test") accounts for 60% of the final grade (Development Questions 40%, Test Questions 20%). In order for the different methodologies to be added, to obtain a final average grade, it will be essential to obtain 50% of the mark corresponding to each of the sections to be evaluated ("Case study" and the development questions of the "Objective test").</p> <p>In order to have access to the Continuous Assessment, attendance to the classes of the subject is a prerequisite, and absence to more than 3 classes without justification will act as a switch for the assessment. The means available to the teaching staff and students will be used to control attendance, especially the system established in Moodle.</p> <p>Regarding the practical part of the subject ("Case study"), it should be noted that students who achieve 50% of the corresponding mark will be exempt from taking that part in the objective test corresponding to the ordinary call or, where appropriate, in the opportunity of July.</p> <p>If the minimum required is not achieved in any of the methodologies, the student will not pass the subject. In this case, the evaluation will be suspended in the ordinary call and may be re-examined in July, where the evaluation methodology will consist of a single objective test (divided into two parts, "Objective test" and "Case study") worth 100% of the grade.</p> <p>Those students who cannot follow up on the subject normally, due to having the Teaching Waiver recognized, may choose to take a 100% grade exam by means of a final objective test during the officially established evaluation periods. If 50% of the total grade is not obtained in that test, the evaluation will be suspended in the ordinary call and may be re-examined in July, where the evaluation methodology will be a single objective test (divided into two parts, "Objective Test" and "Case Study") worth 100% of the grade. If they request a waiver, all students will notify the teacher by email or visibly on their student file if it was granted, in which case they must indicate whether they opt for CONTINUOUS ASSESSMENT or FINAL OBJECTIVE TEST. Students may not be evaluated simultaneously by continuous evaluation and by final objective test. If it is not expressly stated, or if the form is not delivered within fifteen days after the start of the academic year, it will be understood that they opt for the FINAL OBJECTIVE TEST. The choice is final and irreversible for the current call.</p> <p>Curricular adaptations for students with disabilities or with specific educational needs will be ruled by the Center's Teaching Commission, following a report from the guidance and internship service.</p> |

| Sources of information |
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| Basic | <p>- José Luis LLORCA RUBIO, Yolanda LOZANO CÁDIZ, Antonio MORENO MARTÍNEZ, M^a Carmen SALCEDO BELTRÁN (2012). Prevención de riesgos laborales: Instrumentos de aplicación. Tirant Lo Blanch</p> <p>- LÓPEZ GANDÍA, Juan; BLASCO LAHOZ, Jose Francisco (2015). Curso de Prevención de Riesgos Laborales. Tirant Lo Blanch</p> <p>- Isabel M^a MARTÍNEZ MARTÍNEZ, Antonio CARDONA LLORENS, Raúl CHILET PÉREZ, Guillermo GARCÍA GONZÁLEZ (2013). Casos prácticos de prevención de riesgos laborales. Tirant Lo Blanch</p> <p>- Sonia CIENFUEGOS GAYO, Yolanda MILLAS ALONSO (2019). Seguridad y salud en el trabajo para PYMES según la Norma ISO 45001. AENOR</p> <p>A bibliografía anterior se atopa dispoñible na BIBLIOTECA VIRTUAL DO CENTRO á que podes acceder coas túas claves no seguinte enlace: http://www.erlac.es/es/estudiantes-acceso/</p> |
| Complementary | <p>Cortés Díaz, José María. 2012. Técnicas de prevención de riesgos laborales. Ed. Tebar. Espeso Santiago, José Avelino. 2009. Manual para la formación de técnicos en prevención de riesgos laborales. Ed. Lex Nova. García Segura, Vicente. 2015. Ergonomía y psicología aplicada. IC Editorial. Gutiérrez, Juan M. 2001. Ergonomía y psicología en la empresa. Ed. Cis Praxis, S.A. Llana Álvarez, Francisco J. 2016. Ergonomía y psicología aplicada. Editorial Lex Nova. Menéndez Díaz, Faustino. 2009. Higiene Industrial: manual para la formación del especialista. Ed. Lex Nova. Monereo Pérez, José L. 2015. Tratado de prevención de riesgos laborales. Ed. Tecnos. Webgrafía B.O.E. Legislación sobre seguridad y salud en el trabajo.</p> <p>http://boe.es/legislacion/codigos/codigo.php?id=037_Prevencion_de_riesgos_laborales&modo=1 Instituto Nacional de Seguridad y Salud en el Trabajo. www.insst.es. Ministerio de Empleo y Seguridad Social. www.empleo.gob.es. Instituto Galego de Seguridade e Saúde Laboral. www.issga.es. Agencia Europea de Seguridad y Salud en el Trabajo. www.osha.europa.eu. Comisión Europea. http://ec.europa.eu/index_es.htm Organización Internacional del Trabajo. www.ilo.org Organización Mundial de la Salud. www.who.int</p> |

Recommendations

Subjects that it is recommended to have taken before

Employment Law I /660G01011
 Employment Law II/660G01012
 Social Security Law I /660G01021
 Occupational Risk Prevention and Management I /660G01023

Subjects that are recommended to be taken simultaneously

Social Security Law II /660G01022

Subjects that continue the syllabus

Other comments

The legislation on the prevention of occupational hazards is changing, so the evaluation of the subject will be carried out in accordance with the legal regulations valid at the time.

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.