

**1. General information****Course:** RISK PREVENTION AT WORK**Type:** ELECTIVE**Degree:** 360 - UNDERGRAD. IN INDUSTRIAL ELECTRONICS AND AUTOMAT. ENGINEERING (TO)**Center:** 303 - E.DE INGENIERÍA INDUSTRIAL Y AEROSPOACIAL DE TOLEDO**Year:** Sin asignar**Main language:** Spanish**Use of additional languages:****Web site:****Code:** 56453**ECTS credits:** 6**Academic year:** 2023-24**Group(s):** 41**Duration:** C2**Second language:** English**English Friendly:** Y**Bilingual:** N**Lecturer:** MARIA ARANTZAZU GOMEZ ESTEBAN - Group(s): 41

| Building/Office | Department | Phone number | Email | Office hours |
|-----------------|--------------------------------|--------------|------------------------|--------------|
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2. Pre-Requisites

Not established

3. Justification in the curriculum, relation to other subjects and to the profession

Not established

4. Degree competences achieved in this course**Course competences**

| Code | Description |
|------|---|
| A02 | To know how to apply knowledge to work or vocation in a professional manner and possess the competences that are usually demonstrated by the formulation and defence of arguments and the resolution of problems in the field of study. |
| A04 | To be able to transmit information, ideas, problems and solutions to a specialized audience. |
| A05 | To have developed the learning skills necessary to undertake subsequent studies with a greater degree of autonomy. |
| A08 | Appropriate level of oral and written communication. |
| A09 | Ethical and professional commitment. |
| A12 | Knowledge of basic materials and technologies that assist the learning of new methods and theories and enable versatility to adapt to new situations. |
| A13 | Ability to take the initiative to solve problems, take decisions, creativity, critical reasoning and ability to communicate and transmit knowledge, skills and abilities in Industrial Engineering and Automation. |
| A18 | To have organization and planning skills used in businesses and other institutions and organizations. |
| A19 | Ability to work in a multilingual and multidisciplinary environment. |
| H8 | Knowledge of preventative techniques and security techniques, especially of electrical risks. |

5. Objectives or Learning Outcomes**Course learning outcomes**

Description

6. Units / Contents**Unit 1:**

Unit 1.1

Unit 1.2

Unit 1.3

Unit 1.4

Unit 2:

Unit 2.1

Unit 2.2

Unit 2.3

Unit 3:

Unit 3.1

Unit 3.2

Unit 4:

Unit 4.1

Unit 5:

Unit 5.1

Unit 5.2

Unit 6:

Unit 6.1
Unit 6.2
Unit 6.3
Unit 7:
Unit 7.1
Unit 7.2
Unit 7.3
Unit 8:
Unit 8.1
Unit 8.2
Unit 8.3

| 7. Activities, Units/Modules and Methodology | | | | | | | |
|--|-------------------------|---|----------|---|----|-----|-------------|
| Training Activity | Methodology | Related Competences (only degrees before RD 822/2021) | ECTS | Hours | As | Com | Description |
| Other on-site activities [ON-SITE] | Lectures | | 0.02 | 0.5 | N | - | |
| Class Attendance (theory) [ON-SITE] | Lectures | | 1 | 25 | N | - | |
| Group tutoring sessions [ON-SITE] | Group tutoring sessions | | 0.38 | 9.5 | N | - | |
| Problem solving and/or case studies [ON-SITE] | Combination of methods | | 0.36 | 9 | N | - | |
| Field work [ON-SITE] | Combination of methods | | 0.3 | 7.5 | Y | N | |
| Project or Topic Presentations [ON-SITE] | Assessment tests | | 0.24 | 6 | Y | N | |
| Progress test [ON-SITE] | Assessment tests | | 0.04 | 1 | Y | N | |
| Final test [ON-SITE] | Assessment tests | | 0.06 | 1.5 | Y | N | |
| Writing of reports or projects [OFF-SITE] | Group Work | | 0.48 | 12 | Y | N | |
| Study and Exam Preparation [OFF-SITE] | Self-study | | 3.12 | 78 | N | - | |
| Total: | | | 6 | 150 | | | |
| Total credits of in-class work: 2.4 | | | | Total class time hours: 60 | | | |
| Total credits of out of class work: 3.6 | | | | Total hours of out of class work: 90 | | | |

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

| 8. Evaluation criteria and Grading System | | | |
|---|-----------------------|----------------------------|-------------|
| Evaluation System | Continuous assessment | Non-continuous evaluation* | Description |
| Theoretical papers assessment | 0.00% | 0.00% | |
| Oral presentations assessment | 0.00% | 0.00% | |
| Progress Tests | 0.00% | 0.00% | |
| Final test | 0.00% | 100.00% | |
| Assessment of active participation | 0.00% | 0.00% | |
| Total: | 0.00% | 100.00% | |

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

| 9. Assignments, course calendar and important dates | |
|--|-------|
| Not related to the syllabus/contents | |
| Hours | hours |
| Other on-site activities [PRESENCIAL][Lectures] | .5 |
| Field work [PRESENCIAL][Combination of methods] | 1.5 |
| Project or Topic Presentations [PRESENCIAL][Assessment tests] | 6 |
| Progress test [PRESENCIAL][Assessment tests] | 1 |
| Final test [PRESENCIAL][Assessment tests] | 1.5 |
| Writing of reports or projects [AUTÓNOMA][Group Work] | 4.5 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 7.5 |
| Unit 1 (de 8): | |
| Activities | Hours |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 2.5 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | .5 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | 1.5 |
| Writing of reports or projects [AUTÓNOMA][Group Work] | 1.5 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 7.5 |
| Unit 2 (de 8): | |

| Activities | Hours |
|--|-------|
| Class Attendance (theory) [PRESENCIAL][Lectures] | 1.5 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | .5 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | .5 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 3 |
| Unit 3 (de 8): | |
| Activities | Hours |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 2 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | .5 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | 2 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 7.5 |
| Unit 4 (de 8): | |
| Activities | Hours |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 3 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | 1 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | 1 |
| Field work [PRESENCIAL][Combination of methods] | 2.5 |
| Writing of reports or projects [AUTÓNOMA][Group Work] | 3 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 10.5 |
| Unit 5 (de 8): | |
| Activities | Hours |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 3 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | 2 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | 1 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 9 |
| Unit 6 (de 8): | |
| Activities | Hours |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 6 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | 3 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | 2 |
| Field work [PRESENCIAL][Combination of methods] | 3.5 |
| Writing of reports or projects [AUTÓNOMA][Group Work] | 3 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 16.5 |
| Unit 7 (de 8): | |
| Activities | Hours |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 4 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | 1 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 9 |
| Unit 8 (de 8): | |
| Activities | Hours |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 3 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | 1 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | 1 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 7.5 |
| Global activity | |
| Activities | hours |
| Other on-site activities [PRESENCIAL][Lectures] | 0.5 |
| Class Attendance (theory) [PRESENCIAL][Lectures] | 25 |
| Group tutoring sessions [PRESENCIAL][Group tutoring sessions] | 9.5 |
| Problem solving and/or case studies [PRESENCIAL][Combination of methods] | 9 |
| Field work [PRESENCIAL][Combination of methods] | 7.5 |
| Project or Topic Presentations [PRESENCIAL][Assessment tests] | 6 |
| Progress test [PRESENCIAL][Assessment tests] | 1 |
| Final test [PRESENCIAL][Assessment tests] | 1.5 |
| Writing of reports or projects [AUTÓNOMA][Group Work] | 12 |
| Study and Exam Preparation [AUTÓNOMA][Self-study] | 78 |
| Total horas: 150 | |

| 10. Bibliography and Sources | | | | | | |
|------------------------------|---|------------------|------|------|------|-------------|
| Author(s) | Title/Link | Publishing house | Citv | ISBN | Year | Description |
| | Guías técnicas INSHT http://www.insht.es Ley 31/1995, de 8 de noviembre, de prevención de Riesgos Laborales. http://www.boe.es/ REAL DECRETO 39/1997, de 17 de enero, por el que se aprueba el Reglamento de los Servicios de Prevención. | | | | | |

