

COURSE GUIDE – short form

Academic year 2021 - 2022

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|--------------------------|---|-----------------------|----|---------------|---|-------------|---|-------------------------|---|
| Course name ¹ | FINANCIAL MANAGEMENT OF OCCUPATIONAL SAFETY AND HEALTH | | | | | Course code | | | |
| Course type ² | DS | Category ³ | DI | Year of study | v | Semester | 1 | Number of credit points | 4 |

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|----------------|--|--|----|---|----|----|----|
| Faculty | Faculty of Materials Science and Engineering | Number of teaching and learning hours ⁴ | | | | | |
| Field | Industrial Engineering | Total | L | T | LB | P | IS |
| Specialization | Occupational Health and Security Engineering | 112 | 28 | - | - | 14 | 70 |

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| Pre-requisites from the curriculum ⁵ | Compulsory | - |
| | Recommended | - |

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| General objective ⁶ | Proper knowledge of financial aspects related to occupational safety, job insecurity, the costs of accidents and occupational diseases, as well as the possible benefits of accident prevention |
| Specific objectives ⁷ | <p>Knowledge of the economic and financial consequences of occupational safety and health and financial losses; the relevant costs at the level of the individual, the insurance company and the company</p> <p>Carrying out an inventory of financial management methods to highlight the costs of health and safety at work in companies</p> |
| Course description ⁸ | <ul style="list-style-type: none"> • Financial management system for occupational safety and health • Ways to improve financial management at the organizational level • The role of financial management of occupational safety and health within the organization • Functions of financial management of occupational safety and health • The importance of making an economic-financial estimate of occupational safety and health at the organizational level • Estimated costs of the company for its employees regarding safety and health at work • Economic evaluation of the prevention of health and safety at work • Methods for economic evaluation of the results of prevention programs • Reducing costs with health and safety at work • Financial management of direct and indirect costs of accidents at work. • Methods of financial assessment of the costs of accidents at work • Economic indicators that express the effects of work accidents on the labor factor • Using economic calculation for occupational health and safety management, through the Martinez model. |

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| Assessment | | Schedule ⁹ | Percentage of the final grade (minimum grade) ¹⁰ |
| Continuous assessment | Class tests along the semester | | % |
| | Activity during tutorials/laboratory works/projects/practical work | | 20% |
| | Assignments | | 40% |

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| Final assessment | Final assessment form ¹¹ | Ex. | 40% |
| | Examination procedures and conditions: Assignments and their ongoing conditions: Exam based on an examination tests and individual discussions. | | |

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| Course organizer | Prof. univ.dr. Cristina Maria STOICA | |
| Teaching assistants | Prof. univ.dr. Cristina Maria STOICA | |

¹Course name from the curriculum

² DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

³ DI – imposed, DO –optional, DL – facultative (from the curriculum)

⁴ Points 3.8, 3.5, 3.6a,b,c, 3.7 from the Course guide – extended form (L-lecture, T-tutorial, LB-laboratory works, P-project, IS-individual study)

⁵ According to 4.1 – Pre-requisites - from the Course guide – extended form

⁶ According to 7.1 from the Course guide – extended form

⁷ According to 7.2 from the Course guide – extended form

⁸ Short description of the course, according to point 8 from the Course guide – extended form

⁹ For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

¹⁰ A minimum grade might be imposed for some assessment stages

¹¹ Exam or colloquium