

COURSE GUIDE – short form

Academic year 2018-2019

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|--------------------------|--------------------------------|-----------------------|----|---------------|---|-------------|----------|-------------------------|---|--|
| Course name ¹ | Risk Assessment Methods | | | | | Course code | 4ISI07DS | | | |
| Course type ² | DS | Category ³ | DI | Year of study | 4 | Semester | 8 | Number of credit points | 7 | |

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|----------------|----------------------------------|--|----|----|----|----|-----|
| Faculty | Material Science and Engineering | Number of teaching and learning hours ⁴ | | | | | |
| Field | Industrial Engineering | Total | L | T | LB | P | IS |
| Specialization | Safety Engineering in Industry | 175 | 42 | 14 | | 14 | 105 |

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| Pre-requisites from the curriculum ⁵ | Compulsory | - |
| | Recommended | General concepts of industrial safety assessment |

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| General objective ⁶ | Integrate the principles of health and safety in work processes by identifying and evaluating occupational risks. |
| Specific objectives ⁷ | <ul style="list-style-type: none"> Applying the basic principles and methods for carrying out the work processes in conditions of safety and health at work, by identifying and assessing risks. Developing professional projects with specific identification and assessment of occupational risks. |
| Course description ⁸ | Methods of risk analysis and evaluation of safety at work. |

| Assesment | | Schedule ⁹ | Percentage in the final grade (minimum grade) ¹⁰ |
|--|--------------------------------|-----------------------|---|
| A. Final assessment form ¹¹ : | Class tests along the semester | % | 50 % (minimum 5) |
| | Home works | % | |
| | Other activities | % | |
| Exam / Colloquium | Oral Exam | % (minimum 5) | |
| B. Seminar | Activity during seminar | | 20% (minimum 5) |
| C. Laboratory | Activity during laboratory | | % (minimum 5) |
| D. Project | Activity during project | | 30% (minimum 5) |

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| Course organizer | Prof. PhD. Eng. Costică BEJINARIU |
| Teaching assistants | Assist. PhD. Eng. Alin Marian CAZAC |

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