

COURSE GUIDE – short form

Academic year 2017-2018

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|--------------------------|---|-----------------------|----|---------------|---|-------------|----------|-------------------------|--|---|
| Course name ¹ | General concepts of industrial safety assessment | | | | | Course code | 4ISI15DS | | | |
| Course type ² | DS | Category ³ | DF | Year of study | 4 | Semester | 8 | Number of credit points | | 2 |

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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 | 42 | 28 | 14 | - | - | - |

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| Pre-requisites from the curriculum ⁵ | Compulsory | -Occupational risks generated by components of work system 1, 2, 3 |
| | Recommended | - |

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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"> • Clarification of concepts, theories and basic methods for carrying out the work processes in health and safety conditions at work by identifying and evaluating occupational risks. • Using basic knowledge (concepts, theories, methods) for carrying out the work processes in conditions of safety and health at work, by identifying and assessing risks. |
| Course description ⁸ | Self security in industry |

| 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 | Weekly | 50 % |
| | Assignments | - | % |
| Final assessment | Final assessment form ¹¹ | colloquium | 50 % |
| | Examination procedures and conditions: 1. Theoretical knowledge; tasks: test paper; working conditions - writing; percent of the final grade 70%. 2. Solving security problem; tasks; working conditions: writing arguments; percent of the final grade 30%. | | |

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| Course organizer | Associate Professor PhD. Eng. Stefan Lucian TOMA |
| Teaching assistants | Assist. PhD. Eng. Elena MIHALACHE |

¹Course name from the curriculum

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

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

⁴Points 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