

COURSE GUIDE – short form

Academic year 2014 – 2015

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|--------------------------|----------------|-----------------------|----|---------------|----|-------------|------------------|-------------------------|---|
| Course name ¹ | Value analysis | | | | | Course code | MCMPA.DI.DA. 207 | | |
| Course type ² | DS | Category ³ | DI | Year of study | II | Semester | 3 | Number of credit points | 3 |

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|----------------|-----------------------------------|--|----|---|----|----|----|
| Faculty | Faculty of Mechanics | Number of teaching and learning hours ⁴ | | | | | |
| Field | Automotive Engineering | Total | L | T | LB | P | IS |
| Specialization | Concept car design and management | 84 | 14 | | | 14 | 56 |

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| Pre-requisites from the curriculum ⁵ | Compulsory | |
| | Recommended | Starting in creating innovative products and services, management and marketing innovation. |

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| General objective ⁶ | Value analysis by objective or general acts on products, processes, services, activities, organizational structure, information systems, projects or parts thereof, in order to optimize them. |
| Specific objectives ⁷ | Course and pursue applications of assimilation by master basic knowledge relative to the main objectives of value analysis, namely: - reduction (or balancing) costs (especially those materials and workmanship); -improving the quality of analyzed objects; -increased reliability; -generalization technology solutions to all organizational similar objects made by the organization. |
| Course description ⁸ | The course includes the following major sections: -Objectives value analysis, - Value analysis and upgrading of products, processes, services, -Plan value analysis, -Use and aesthetic value of the products, -Functional analysis, technological and aesthetic products, -Determining the efficiency of solutions developed to analyze the value, -Cost analysis functions for industrial products, -Value analysis technical and organizational activities. |

| 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 | | Week 1 – week 14 | 20% |
| | Assignments | | Week 1 – week 14 | 30% |
| Final assessment | Final assessment form ¹¹ | Exam | Session | 50% |
| | Examination procedures and conditions: 1. ; tasks ; working conditions ; percent of the final grade 50% 2. ; tasks ; working conditions ; percent of the final grade 50% | | | |

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| Course organizer | Edward RAKOSI |
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| Teaching assistants | Edward RAKOSI | |
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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