

COURSE GUIDE – short form

Academic year 2017-2018

| | | | | | | | | | | |
|--------------------------|---|-----------------------|----|---------------|---|-------------|----------|-------------------------|---|--|
| Course name ¹ | Technical Drawing and Infographics (2) | | | | | Course code | 1EPI12DF | | | |
| Course type ² | DF | Category ³ | DI | Year of study | 1 | Semester | 2 | Number of credit points | 6 | |

| | | | | | | | |
|----------------|----------------------------------|--|----|---|----|---|----|
| Faculty | Material Science and Engineering | Number of teaching and learning hours ⁴ | | | | | |
| Field | Mechanical engineering | Total | L | T | LB | P | IS |
| Specialization | Industrial process equipments | 144 | 28 | - | 42 | - | 74 |

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

| | |
|----------------------------------|---|
| General objective ⁶ | Applying the basic principles and methods of technical design in computer aided design. |
| Specific objectives ⁷ | <ul style="list-style-type: none"> • Knowledge of principles of and basics of computer aided design editing and graphics processing for engineering objects. • Fundamentals of mathematical modeling and graphical representation of geometric objects. • Basic concepts of geometric wireframe, surfaces and solids modeling. • Using computer engineering graphics softwares. |
| Course description ⁸ | Course, laboratory |

| Assessment | | Schedule ⁹ | Percentage of the final grade (minimum grade) ¹⁰ |
|-----------------------|---|-----------------------|---|
| Continuous assessment | Class tests along the semester | 7-th week | 15 % |
| | Activity during tutorials/laboratory works/projects/practical work | Weekly | 30 % |
| | Assignments | Semester | 10 % |
| Final assessment | Final assessment form ¹¹ | Exam | 40 % |
| | Examination procedures and conditions: 1. Course theory 2 subjects; Oral examination | | |

| | |
|---------------------|---|
| Course organizer | Lecturer. PhD. Eng. AXINTE Mihai |
| Teaching assistants | Lecturer. PhD. Eng. AXINTE Mihai Univ. As. PhD. Eng. RUSU Oana |

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)

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

⁶According to 7.1 from the Course guide – extended form

⁷According to 7.2 from the Course guide – extended form

⁸Short 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