

# COURSE GUIDE – short form

Academic year 2024 - 2025

|                          |                                   |                       |           |               |   |                 |                 |                         |          |  |
|--------------------------|-----------------------------------|-----------------------|-----------|---------------|---|-----------------|-----------------|-------------------------|----------|--|
| Course name <sup>1</sup> | <b>MANUFACTURING TECHNOLOGY 4</b> |                       |           |               |   | Discipline code | <b>4 EPI 08</b> |                         |          |  |
| Course type <sup>2</sup> | <b>DD</b>                         | Category <sup>3</sup> | <b>DI</b> | Year of study | 4 | Semester        | <b>8</b>        | Number of credit points | <b>4</b> |  |

|                |                                  |  |  |  |  |  |           |           |    |   |           |
|----------------|----------------------------------|--|--|--|--|--|-----------|-----------|----|---|-----------|
| Faculty        | Material Science and Engineering |  |  |  |  | Number of teaching and learning hours <sup>4</sup> |           |           |    |   |           |
| Field          | Mechanical Engineering           |  |  |  |  | Total  | L         | T         | LB | P | IS        |
| Specialization | EPI                              |  |  |  |  | <b>100</b>   | <b>28</b> | <b>28</b> | -  | - | <b>44</b> |

|   |             |  |
|---|-------------|--|
| Pre-requisites from the curriculum <sup>5</sup> | Compulsory  |  |
|   | Recommended |  |

|                                  |  |
|----------------------------------|--|
| General objective <sup>6</sup>   | Developing professional skills in manufacturing and eco-technologies   |
| Specific objectives <sup>7</sup> | The appropriate and effective use of basic knowledge, criteria and methods specific to the field of mechanical engineering |
| Course description <sup>8</sup>  | The course covers theoretical and practical information in the field of environmental technologies                         |

| Assessment                                  |  | Schedule <sup>9</sup> |                  | Percentage of the final grade (minimum grade) <sup>10</sup> |
|---|--|-----------------------|------------------|---|
| A. Final assessment form <sup>11</sup> exam | Class tests along the semester   | %                     | week             | 50 %<br>(minimum 5)   |
|   | Home works   | %                     |                  |   |
|   | Other activities   | %                     | week             |   |
|   | Examination procedures and conditions:<br>1. Subject with open questions, working conditions oral, percent 100 %;<br>2. -, working conditions -, percent %;<br>3. -, working conditions -, percent % | 100 %<br>(minimum 5)  | exam period      |   |
| B. Seminar                                  | Activity during seminar  |                       | 50 % (minimum 5) |   |
| C. Laboratory                               | Activity during laboratory   |                       | % (minimum 5)    |   |
| D. Project                                  | Activity during project  |                       | % (minimum 5)    |   |
| Course organizer                            | <b>Lecturer Dumitru-Doru Burduhos-Nergiş, Ph.D., Eng.</b>  |                       |                  |   |
| Teaching assistants                         | <b>Lecturer Dumitru-Doru Burduhos-Nergiş, Ph.D., Eng.</b>  |                       |                  |   |

<sup>1</sup>Course name from the curriculum

<sup>2</sup> DF – fundamental, DD – in the field, DS – specialty, DC – complementary (from the curriculum)

<sup>3</sup> DI – imposed, DO – optional, DL – facultative (from the curriculum)

<sup>4</sup> 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)

<sup>5</sup> According to 4.1 – Pre-requisites - from the Course guide – extended form

<sup>6</sup> According to 7.1 from the Course guide – extended form

<sup>7</sup> According to 7.2 from the Course guide – extended form

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

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

<sup>10</sup> A minimum grade might be imposed for some assessment stages

<sup>11</sup> Exam or colloquium