

# COURSE GUIDE – short form

Academic year 2017 - 2018

|                          |                                                                     |                       |           |               |    |                   |          |                         |          |
|--------------------------|---------------------------------------------------------------------|-----------------------|-----------|---------------|----|-------------------|----------|-------------------------|----------|
| Course name <sup>1</sup> | <b>Environmental Management in Materials Processing Engineering</b> |                       |           |               |    | Codul disciplinei |          | <b>6 TAIPM<br/>12</b>   |          |
| Course type <sup>2</sup> | <b>DC</b>                                                           | Category <sup>3</sup> | <b>DI</b> | Year of study | 2M | Semester          | <b>3</b> | Number of credit points | <b>6</b> |

|                |                                  |                                                    |           |           |    |   |    |
|----------------|----------------------------------|----------------------------------------------------|-----------|-----------|----|---|----|
| Faculty        | Material Science and Engineering | Number of teaching and learning hours <sup>4</sup> |           |           |    |   |    |
| Field          | Materials Engineering            | Total                                              | L         | T         | LB | P | IS |
| Specialization | TAIPM                            | <b>28</b>                                          | <b>14</b> | <b>14</b> | -  | - |    |

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

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| General objective <sup>6</sup>   | To acquire terms like: environmental management, integrated management, recovery of waste materials              |
| Specific objectives <sup>7</sup> | Selection of optimal methods of pollution evaluation. Possibility to make an environmental audit                 |
| Course description <sup>8</sup>  | Water pollution, air pollution, noise pollution, dangerous wastes, environmental management, environmental audit |

| Assessment            |                                                                                                                                                                                                                                                                 | Schedule <sup>9</sup> | Percentage of the final grade (minimum grade) <sup>10</sup> |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------|
| Continuous assessment | Class tests along the semester -                                                                                                                                                                                                                                | week                  | %                                                           |
|                       | Activity during tutorials/laboratory works/projects/practical work                                                                                                                                                                                              |                       | 30 %                                                        |
|                       | Assignments -                                                                                                                                                                                                                                                   | week                  | %                                                           |
| Final assessment      | Final assessment form <sup>11</sup>                                                                                                                                                                                                                             | exam                  | 70 %<br>(minimum 5)                                         |
|                       | Examination procedures and conditions:<br>1. Subject with open questions ; tasks answer to open questions ; working conditions oral; percent 100 %;<br>2. - ; tasks - ; working conditions - ; percent %;<br>3. - ; tasks - ; working conditions - ; percent %; |                       |                                                             |

|                     |                                         |
|---------------------|-----------------------------------------|
| Course organizer    | <b>S.L. dr.eng. Andrei Victor SANDU</b> |
| Teaching assistants | <b>S.L. dr.eng. Andrei Victor SANDU</b> |

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

<sup>2</sup> DF – fundamental, DID – 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