Course Unit Descriptor

| |
|---|
| **Study Programme: Engineering Management** |
| **Course Unit Title: Approaches for product lifecycle management** |
| **Course Unit Code: IM1125** |
| **Name of Lecturer(s): Nenad Medić** |
| **Type and Level of Studies: bachelor** |
| **Course Status (compulsory/elective): elective** |
| **Semester (winter/ summer): summer** |
| **Language of instruction: english** |
| **Mode of course unit delivery (face-to-face/distance learning): face-to-face** |
| **Number of ECTS Allocated: 4** |
| **Prerequisites: none** |
| **Course Aims:**.<br>The aim is to obtain knowledge of the subject concept and factors of Product Lifecycle Management (PLM) by mastering the fundamental structures that ensure the effective creation, exchange and storage of product. Students should fully understand the advantage of providing sustainability from economic, social and environmental aspects. |
| **Learning Outcomes:**<br>The outcome of the case is to attain knowledge of the basic components of the platform to manage the lifecycle of products related to the process of designing the product, defining the technological processes for manufacturing, process manufacturing and sustainability during the exploitation period, as well as the removal of products. |
| **Syllabus**.<br>The structure of the platform for managing product life cycle. Information system for PLM. Integration of the PLM system with other applications. |
| **Required Reading:**<br>Relevant literature in English, tbd |

| | | |
|---|---|---|
| **Weekly Contact Hours:2** | **Lectures: 2** | **Practical work: 0** |

| |
|---|
| **Teaching Methods:**<br>Teaching is conducted through lectures and laboratory exercises in computer lab. |
| **Knowledge Assessment (maximum of 100 points):** |

| **Pre-exam obligations** | points | **Final exam** | points |
|---|---|---|---|
| Attendance | | | |
| Computer exercises | | | |
| Tests (4x) | | | |