**Incoming student mobility**

**Name of UNIOS University Unit: Mechanical Engineering Faculty in Slavonski Brod**

**COURSES OFFERED IN FOREIGN LANGUAGE**

**FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS**

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| **Department or Chair within the UNIOS Unit** | Department of Industrial Engineering |

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| **Study program** | **Mechanical Engineering** |

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| **Study level** | **Graduate (master)** |

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| **Course title** | **Rapid Prototyping** |
| **Course code (if any)** | **D 1001** |
| **Language of instruction** | **English** |
| **Brief course description** | The students are introduced to fundamentals of modern rapid prototyping process. Since prototype production is the most important part of the product design process (concept, project, design, dimension), the course Rapid Prototyping (RP) will introduce students to current procedures that are used for rapid development of prototypes or products. Students will acquire theoretical and practical basic knowledge (through discussions) for its efficient application in industry. |
| **Form of teaching** | Lectures and exercises. Auditory and laboratory exercises on computers with the continuous monitoring and evaluation. Available possibility to remotely and interactively attend lectures over the Internet. |
| **Form of assessment** | Continuous monitoring and evaluation and pass the tests of knowledge (program, seminars, colloquia, test). |
| **Number of ECTS** | **4 (5)** |
| **Class hours per week** | **2 hours of lectures + 2 hours of exercises** |
| **Minimum number of students** | **10** |
| **Period of realization** | **Summer semester** |
| **Lecturer** | Assoc. Prof. Dr. Tomislav Galeta  Full Prof. Dr. Pero Raos |