**Course Syllabus**

Academic year: 2018-2019

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Industrial Engineering |
| Level | Master |
| Program of study | Design and computer aided manufacturing |

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| Course | **Rapid Prototyping** |
| Code | 2CFACOS11 |
| Year of study (semester) | II (III) |
| Number of hours | 56 |
| Number of credits | 5 |
| Professor | Lecturer Ph.D. eng. FLOREA Vlad Alexandru |

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| **No.** | **Topic** |
|  | Introduction and history of rapid prototyping |
|  | Systems and principles of stereo lithography |
|  | Selective Laser Sintering |
|  | Laminate Object Manufacturing |
|  | Rapid Tooling |
|  | RP for mechatronics and robotics |