**Course Syllabus**

Academic year: 2020-2021

|  |  |
| --- | --- |
| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Systems Engineering |
| Level | Bachelor |
| Program of study | Automation and Applied Informatics |

|  |  |
| --- | --- |
| Course | **Software Systems Engineering** |
| Code | 2SA4OD24 |
| Year of study (semester) | II (II) |
| Number of hours | 56 |
| Number of credits | 4 |
| Professor | Prof., Ph.D. POP Emil |

|  |  |
| --- | --- |
| **No.** | **Topic** |
|  | Paradigms |
|  | Software modeling |
|  | Software architecture design, Software design strategies |
|  | Object-oriented Coding |
|  | Implementation testing, Integration testing, Product testing |
|  | Software quality |
|  | Software engineering management |