**Course Syllabus**

Academic year: 2020-2021

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

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| Course | **Computer Architecture** |
| Code | 2SA4OD25 |
| Year of study (semester) | II (II) |
| Number of hours | 70 |
| Number of credits | 4 |
| Professor | Lecturer, Ph.D. Riurean Simona |

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| **No.** | **Topic** |
|  | Introduction |
|  | The basic structure and operations of a computer. |
|  | Arithmetic for computers |
|  | Processor and Control Unit |
|  | Memory & I/O Systems |
|  | Parallelism |
|  | Recap and exam preparation |