**Course Syllabus**

Academic year: 2020-2021

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

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| Course | **Real Time Software Design** |
| Code | 2SA8AS53 |
| Year of study (semester) | IV (II) |
| Number of hours | 70 |
| Number of credits | 5 |
| Professor | Lecturer eng. Sirb Vali, Ph.D. |

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| **No.** | **Topic** |
|  | Real-time systems and real-time embedded systems. |
|  | Characteristic problems of real-time software programming. |
|  | Processes and communication between processes through shared memory areas. |
|  | Communication through messages. |
|  | Task planning. |