**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical And Electrical Engineering Faculty |
| Field of study | System Engineering |
| Level | Bachelor |
| Program of study | Information Systems And Technologies |

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| Course | **Intelligent control systems** |
| Code | 2STI3OS14 |
| Year of study (semester) | II (III) |
| Number of hours | 70 |
| Number of credits | 7 |
| Professor | Lecturer eng. Sirb Vali, Ph.D. |

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| **No.** | **Topic** |
|  | Elements of soft computing in intelligent driving systems. |
|  | Fuzzy multitudes and fuzzy processing of information. |
|  | Elements of neural networks. |
|  | Neuro-fuzzy systems. |
|  | Systems based on soft-computing hybrid techniques. |