**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 | Master |
| Program of study | Systems and Information Technology |

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| Course |  **Artificial intelligence** |
| Code | 2STI2OS08 |
| Year of study (semester) | I (II) |
| Number of hours | 70 |
| Number of credits | 6 |
| Professor | Assoc. prof. eng. Egri Angela, Ph.D. |

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| **No.** | **Topic** |
|  |  Introduction to artificial intelligence |
|  | Knowledge and representation of knowledge |
|  | Knowledge based Systems |
|  |  General Problem Solving |
|  | Artificial Neural Networks |
|  |  Fuzzy logic and artificial Neural Networks |