**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 | **Artificial intelligence** |
| Code | 2SA6AS42 |
| Year of study (semester) | III (VI) |
| Number of hours | 56 |
| Number of credits | 4 |
| Professor | Assoc. Pof. eng. Egri Angela, Ph.D. |

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| **No.** | **Topic** |
|  | Introduction to artificial intelligence |
|  |  [Implementing Artificial Intelligence for Problem Solving Processes](https://www.bpa-solutions.net/blog/ai-for-problem-solving/) |
|  | Artificial Intelligence in Industry 4.0 |
|  | Artificial Intelligence in imaging |
|  | Artificial Intelligence in internet of thing |
|  | Artificial neural network |
|  | Deep learning |