**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical And Electrical Engineering Faculty |
| Field of study | Computers And Information Technology |
| Level | Bachelor |
| Program of study | Computers Engineering |

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| Course | **Logic Programming** |
| Code | 2CC8AD55 |
| 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** |
|  | Procedural Semantics and Declaration Semanticsin the first-order logic. |
|  | Negation as failure; Return and cutting operator. |
|  | Indecision in logic. |
|  | Programming techniques in Prolog. |
|  | Non-deterministic programming. |
|  | Incomplete data structures, Difference lists and structures. |