**Course Syllabus**

Academic year: 2020-2021

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

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| Course | **Computer Programming, Programming Languages I** |
| Code | 2SA2OF11 |
| Year of study (semester) | I (II) |
| Number of hours | 70 |
| Number of credits | 6 |
| Professor | Prof., Habil., Ph.D. Monica LEBA |

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| **No.** | **Topic** |
|  | Introduction in Python |
|  | Functions. Examples |
|  | Iteration versus recursion |
|  | Tuples, lists, dictionaries |
|  | Testing and debugging |
|  | Exceptions, assertions |
|  | Classes |