**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 studies |
| Program of study | Automation and Applied Informatics |

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| Course | **Object oriented programming** |
| Code | 2SA6AS43 |
| Year of study (semester) | III (II) |
| Number of hours | 42 |
| Number of credits | 3 |
| Professor | Assoc. Pof. eng. Egri Angela, Ph.D. |

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| **No.** | **Topic** |
|  | The basic concepts of the object oriented programming. |
|  | Basic elements of C ++ language.  |
|  | Classes and objects. |
|  | Inheritance |
|  |  Pure functions and abstract classes.  |
|  | Overloading operators. |
|  | Stream |