**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Electrical Engineering |
| Level | Bachelor |
| Program of study | Electromechanics |

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| Course | **Electrotechnical Materials** |
| Code | 2EE4OD30 |
| Year of study (semester) | II (II) |
| Number of hours | 56 |
| Number of credits | 3 |
| Professor | Assoc. Prof., Ph.D. SAMOILA Liliana |

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| **No.** | **Topic** |
|  | Classification of electrotechnical materials |
|  | Properties of electrotechnical materials |
|  | General theory of conduction in conductive, semiconductor, insulating materials |
|  | Conductive materials |
|  | Insulating materials |
|  | Semiconductor materials |
|  | Magnetic materials |