**Course Syllabus**

Academic year: 2020-2021

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

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| Course | **Electrical Networks II** |
| Code | 2II6AD47 |
| Year of study (semester) | III (II) |
| Number of hours | 42 |
| Number of credits | 3 |
| Professor | Assoc. Prof., Ph.D. PASCULESCU Dragos |

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| **No.** | **Topic** |
|  | Protection of electrical installations. |
|  | Protection of power transformers |
|  | Protection of high voltage engines |
|  | Protection of low voltage installations. Protection by fuses.  |
|  | Protection with maximum current relays. Protection with thermal relays. |
|  | Minimum voltage protection in low voltage installations. |
|  | Safety against electric shock in industrial electrical installations. |