**Course Syllabus**

Academic year: 2020-2021

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

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| Project | **Electrical Installations II - Project** |
| Code | 2EE8OS58 |
| Year of study (semester) | IV (II) |
| Number of hours | 14 |
| Number of credits | 2 |
| Professor | Associate Professor Ph.D. Dragoș PĂSCULESCU |

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| **No.** | **Topic** |
|  | Design of electricity supply and distribution installations for a mechanical workshop for maintenance and repair of electrical equipment. |
|  | Establishment of electricity receivers. |
|  | Calculation of general electrical lighting (indoor and outdoor) of the workshop. |
|  | Determination of power and lighting transformers’ power/ |
|  | Calculation of the section of lighting and power lines. |
|  | Calculation of short-circuit currents. |
|  | Selection and verification of high and low voltage electrical appliances and equipment. |