**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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| Course | **Stations and Transformer Substations** |
| Code | 2EE8AS60 |
| Year of study (semester) | IV (II) |
| Number of hours | 42 |
| Number of credits | 3 |
| Professor | Associate Professor Ph.D. Dragoș PĂSCULESCU |

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| **No.** | **Topic** |
|  | General considerations on the electrical installations of stations and transformer stations |
|  | Types of wiring diagrams used at power stations |
|  | Capacitor batteries and reactance coils |
|  | Constructive solutions for medium voltage distribution stations |
|  | Constructive solutions for transformer stations and supply points |
|  | Constructive solutions for high and very-high voltage distribution stations |
|  | Secondary circuits in power stations |