**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electric Engineering  |
| Field of study | Systems Engineering |
| Level | Bachelor |
| Program of study | Automation and Applied Informatics |

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| Course | **Power Electronics** |
| Code | 2SA5OS34 |
| Year of study (semester) | III (I) |
| Number of hours | 56 |
| Number of credits | 4 |
| Professor | Lecturer Ph.D. Popescu Florin Gabriel |

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| **No.** | **Topic** |
|  | Classification of static converters |
|  | Semiconductor Power Elements |
|  | Static drives |
|  | Rectifiers |
|  | Static direct frequency converters |
|  | Static indirect frequency converters |