**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 | **Electric Drive Systems I** |
| Code | 2EE7OS51 |
| Year of study (semester) | IV (I) |
| Number of hours | 56 |
| Number of credits | 5 |
| Professor | Assoc. Prof., Ph.D. Marcu Marius Daniel |

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| **No.** | **Topic** |
|  | Mechanical features of electric actuator systems |
|  | Mechanical characteristics of working machines |
|  | Starting electric drive motors |
|  | Brake regime of electric drives |
|  | Modifying the speed of DC electric motors |
|  | Modifying the speed of AC electric motors |