**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 II** |
| Code | 2EE8OS59 |
| Year of study (semester) | IV (II) |
| Number of hours | 70 |
| Number of credits | 4 |
| Professor | Assoc. Prof., Ph.D. UȚU Ilie |

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| **No.** | **Topic** |
|  | Cinematic and Dynamics of Electric Drives |
|  | Mechanisms of transmission in electromechanical systems |
|  | The dynamic regimes of electric drives |
|  | Choosing the power of electric motors |
|  | Control of electric drives |
|  | Comparative analysis of adjustable electrical drive systems |