**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 | **Numerical Equipment for Electromechanical Installations** |
| Code | 2EE4OD38 |
| Year of study (semester) | III (I) |
| Number of hours | 42 |
| Number of credits | 4 |
| Professor | Lecturer Slusariuc Ioan Razvan |

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| **No.** | **Topic** |
|  | Internal architecture of a microprocessor |
|  | The structure of the command and control unit |
|  | Industrial programmable devices |
|  | Programmable device interfaces |
|  | Microcontrollers |
|  | Programmable logic controller in hierarchized structures |
|  | Linked elements in automation installations |