**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical And Electrical Engineering Faculty |
| Field of study | Systems Engineering |
| Level | Bachelor's level |
| Program of study | Applied Automation and Information |

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| Course | **Electrical execution elements** |
| Code | 2SA8AS52 |
| Year of study (semester) | IV (II) |
| Number of hours | 70 |
| Number of credits | 5 |
| Professor | Assoc. prof. dr. eng. Stoicuta Olimpiu-Costinel |

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| **No.** | **Topic** |
|  | General notions. Classification. Choice of execution elements. |
|  | Execution elements in which the actuating element is a DC servomotor. |
|  | Execution elements in which the actuating element is an AC servomotor (single-phase, two-phase and three-phase servomotors). |
|  | Execution elements in which the actuating element is a stepper motor. |
|  | Execution elements in which the actuating element is an electromagnet. |
|  | Execution elements in which the actuator is electrical converter. |