**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 | Master |
| Program of study | Operation of Industrial Electrical Installations |

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| Course | **Control and Data Acquisition Systems in Electrical Installations** |
| Code | 2MEIEIOD01 |
| Year of study (semester) | I (I) |
| Number of hours | 70 |
| Number of credits | 6 |
| Professor | Assoc. Prof., Ph.D. UȚU Ilie |

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| **No.** | **Topic** |
|  | Signal conditioning circuits |
|  | Sampling and storage circuits |
|  | Digital to analog converters |
|  | Analog to digital converters |
|  | Data acquisition and distribution systems |
|  | Standard communication interfaces |
|  | Examples of data acquisition systems |