**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 | Master |
| Program of study | Electromechanical Systems |

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| Course | **Data Teletransmission in Electromechanical Systems** |
| Code | 2MSEOD13 |
| Year of study (semester) | II (I) |
| Number of hours | 70 |
| Number of credits | 6 |
| Professor | Assoc. Prof., Ph.D. SAMOILA Liliana |

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| **No.** | **Topic** |
|  | Digitization and reconstruction of analog signals |
|  | Information signal processing techniques |
|  | Standardization of data transmission systems |
|  | Structure of a data acquisition and tele-transmission system in the National Power Grid. |
|  | Elements specialized in data acquisition and teletransmission in electromechanical systems. |
|  | Functions of numerical control systems. Specifications |
|  | Principles of communication protocols. Procedures for data transfer |