**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Power Engineering |
| Level | Bachelor |
| Program of study | Industrial Power Engineering |

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| Course | **Virtual Instrumentation** |
| Code | 2II8OS58 |
| Year of study (semester) | IV (II) |
| Number of hours | 56 |
| Number of credits | 4 |
| Professor | Assoc. Prof., Ph.D. SAMOILA Liliana |

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| **No.** | **Topic** |
|  | Creating, editing and troubleshooting a VI |
|  | Front panel. Structure. Controls palette. Controls and Indicators |
|  | Block Diagram. Structure. Functions Palette |
|  | Control and Indicator Terminals, Constants, Nodes, |
|  | Functions and Applications, Structures, Techniques connection |
|  | Hierarchical design. Creating subVIs. |