**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 |
| Program of study | Automation and Applied Informatics |

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| Course | **Measurement and Transducers II** |
| Code | 2SA5OD36 |
| Year of study (semester) | III (II) |
| Number of hours | 70 |
| Number of credits | 6 |
| Professor | Assoc.Prof. Patrascoiu Nicolae, Ph.D. |

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| **No.** | **Topic** |
|  | Structure, characteristics and performance of transducers |
|  | Sensors and transducers for mechanical displacement and speed |
|  | Sensors and transducers for forces and moments |
|  | Sensors and transducers for pressure |
|  | Sensors and transducers for flow |
|  | Sensors and transducers for temperature |
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