**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical And Electrical Engineering Faculty |
| Field of study | Computers and Information Technology |
| Level | Master |
| Program of study | Applied Computer Techniques and Technologies |

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| Course | **Sensor networks** |
| Code | 2TTIA1OS15 |
| Year of study (semester) | II (I) |
| Number of hours | 84 |
| Number of credits | 7 |
| Professor | Assoc. prof. eng. Patrascoiu Nicolae, Ph.D. |

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| **No.** | **Topic** |
|  | Instrumentation blocks of data acquisition systems |
|  | Hardware aspects in data acquisition management |
|  | Sensors interface with data acquisition |
|  | Multifunctional interfaces for data acquisition and virtual instrumentation |