**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 | Master |
| Program of study | Systems and Information Technology |

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| Course | **Image processing and virtual reality** |
| Code | 2STI1OD01 |
| Year of study (semester) | I (I) |
| Number of hours | 84 |
| Number of credits | 6 |
| Professor | Assoc. prof. eng. Egri Angela, Ph.D. |

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| **No.** | **Topic** |
|  | Advanced imag processing techniques |
|  | Virtual reality (RV), virtual environment (MV) and virtual world (LV) |
|  | Virtual reality equipments |
|  | Virtual Reality Systems |
|  | Virtual Reality applications |
|  | VRML-Virtual Reality Modeling Language, XML-Extensibile Markup Language and X3D |