**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Computers and Information Technology |
| Level | Bachelor |
| Program of study | Computers Engineering |

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| Course | **Image processing** |
| Code | 2CC7AS50 |
| Year of study (semester) | IV (I) |
| Number of hours | 56 |
| Number of credits | 5 |
| Professor | Assoc. Prof., Ph.D. EGRI Angela |

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| **No.** | **Topic** |
|  | Introduction to image processing and applications |
|  | Representation of images in a computer system |
|  | Image enhancement techniques |
|  | Image filtering techniques |
|  | Image transformation |
|  | Image segmentation |
|  | Virtual reality |
|  | 3D interactive software |
|  | Virtual reality labs |