**Course Syllabus**

Academic year: 2020-2021

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

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| Course | **Development of embedded systems with VLSI technologies** |
| Code | 2STI3OS12 |
| Year of study (semester) | II (I) |
| Number of hours | 70 |
| Number of credits | 6 |
| Professor | Lecturer, Ph.D. BADEA Alin |

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| **No.** | **Topic** |
|  | Introduction |
|  | VLSI circuits |
|  | HDL languages |
|  | PALASM |
|  | ABEL |
|  | VHDL |
|  | VLSI design platforms |