**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 | Bachelor |
| Program of study | Computers Engineering |

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| Course | **Systems theory II** |
| Code | 2CC5OD34 |
| Year of study (semester) | III (I) |
| Number of hours | 56 |
| Number of credits | 5 |
| Professor | Profesor eng. POP Emil, Ph.D. (Assistant eng. ILCEA Gabriel Ph.D.) |

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| **No.** | **Topic** |
|  | ANALYSIS OF NON-LINEAR AUTOMATIC SYSTEMS - METHOD OF HARMONIC LINEARIZATION, DESCRIPTION FUNCTION METHOD, PHASE PLAN METHOD |
|  | ADJUSTMENT SYSTEM WITH RELAY TYPE REGULATOR |
|  | AUTOMATIC SYSTEMS WITH SAMPLING |
|  | Z TRANSFORMER  |
|  | AUTOMATIC ADAPTIVE SYSTEM WITH FORECAST |