**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Power Engineering |
| Level | Bachelor |
| Program of study | Industrial Power Engineering |

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| Course | **Energy Process Control**  |
| Code | 2II7OS54 |
| Year of study (semester) | IV (I) |
| Number of hours | 56 |
| Number of credits | 5 |
| Professor | Ph.D. Lecturer Slusariuc Ioan Razvan |

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| **No.** | **Topic** |
|  | ACS Structure |
|  | ACS design |
|  | Transfer function |
|  | Performance criteria of an ACS |
|  | Principles of choosing and tunning an ACS |
|  | Tunning an ACS for fast processes  |
|  | Matlab / Simulink simulation for ACS  |