**Course Syllabus**

Academic year: 2020-2021

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

|  |  |
| --- | --- |
| Course |  **Algorithms and process control structures** |
| Code | 2STI2OD06 |
| Year of study (semester) | I (II) |
| Number of hours | 84 |
| Number of credits | 7 |
| Professor | Assoc. prof. dr. eng. Stoicuta Olimpiu-Costinel |

|  |  |
| --- | --- |
| **No.** | **Topic** |
|  | Structures of the automatic control systems. |
|  | Controller algorithms. |
|  | Quality indicators. |
|  | Controllers tuning methods. |
|  | Microprocessors in control systems. |
|  | Controllers with microprocessors |