**Course Syllabus**

Academic year: 2020-2021

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

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| Course |  **Supervisory control and data acquisition** |
| Code | 2STI2OS07 |
| Year of study (semester) | I (II) |
| Number of hours | 84 |
| Number of credits | 7 |
| Professor | Prof., Ph.D. POP Emil |

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| **No.** | **Topic** |
|  | SCADA General presentation-Achizitia de date, monitoring, control |
|  | Comparison between various monitoring and control systems and SCADA |
|  | Distributed Control Systems (DCS) |
|  | PLCs used as programmable terminals |
|  | SCADA Master station |
|  | SCADA and local networks |
|  | SCADA software integration |
|  | Master software station |
|  | Examples of SCADA applications  |