**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | System Engineering |
| Level | Bachelor |
| Program of study | Automation and Applied Informatics |

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| Course | **Chemistry** |
| Code | 2SA1OF05 |
| Year of study (semester) | I (I) |
| Number of hours | 42 |
| Number of credits | 3 |
| Professor | Assoc. Prof., Ph.D. MATEI Aronel |

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| **No.** | **Topic** |
|  | The fundamental laws of chemistry. |
|  | The structure of the atom. |
|  | The periodic system of elements. |
|  | Chemical bonds. |
|  | Electrochemistry. |
|  | Industrial and wastewater. |
|  | Chemical and electrochemical corrosion of metals. |