**Course Syllabus**

Academic year: 2020-2021

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

|  |  |
| --- | --- |
| Course | **Special Mathematics** |
| Code | 2II2OF14 |
| Year of study (semester) | I (II) |
| Number of hours | 56 |
| Number of credits | 4 |
| Professor | lecturer., Ph.D. Vladislav Daniel |

|  |  |
| --- | --- |
| **No.** | **Topic** |
|  | Complex analysis |
|  | Special functions |
|  | Integral transformations |
|  | Elements of variational calculus |
|  | Equations of mathematical physics |