**Course Syllabus**

Academic year: 2020-2021

|  |  |
| --- | --- |
| Institution | University of Petroşani |
| Faculty | **Mechanical and Electrical Engineering** |
| Field of study | Industrial Engineering |
| Level | Master |
| Program of study | Computer aided design and manufacture |

|  |  |
| --- | --- |
| Course | **Risk analysis of product manufacturing** |
| Code | 2CFACXC17 |
| Year of study (semester) | II (IV) |
| Number of hours | 56 |
| Number of credits | 6 |
| Professor | Assoc. Prof. Ph.D. BĂBUŢ Gabriel Bujor |

|  |  |
| --- | --- |
| **No.** | **Topic** |
|  | Terms and definitions used in the field of machines safety |
|  | Legislation and standards applicable in the field of machines safety |
|  | Strategy for risk assessment and risk reduction in machines design |
|  | Risk assessment for machines design |
|  | Risk reduction for machines design |
|  | Documentation on risk assessment and reduction |