**Course Syllabus**

Academic year: 2018-2019

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| Institution | University of Petroşani |
| Faculty | of Mines |
| Field of study | Industrial Engineering |
| Level | Bachelor |
| Program of study | Safety Engineering in Industry |

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| Course | **Risk Management** |
| Code | IDISSO813 |
| Year of study (semester) | IV (VIII) |
| Number of hours | 70 |
| Number of credits | 4 |
| Professor | Prof., Ph.D. MORARU Roland |

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| **No.** | **Topic** |
|  | Direct and indirect loss. Pre and post-loss risk management. Risk management process basics |
|  | Prevention planning. |
|  | Integration of prevention management systems |
|  | Economics and human resources in occupational hazard prevention. |
|  | Training as a strategic variable for occupational hazard prevention, educational techniques and programs. Training Plan elaboration process for occupational hazard prevention in the company. |
|  | Communication, negociation and information techniques |
|  | Risk management process: the ISO 31000:2018 standard |
|  | Concept of health and safety culture and its significance in the management of health and safety in an organization |
|  | Human factors which influence behaviour at work |
|  | Participatory risk management: the SOBANE methodology |
|  | Emerging OHS risk management |
|  | General aspects about risk-based business management and administration. |