**Course Syllabus**

Academic year: 2018-2019

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| Institution | University of Petroşani |
| Faculty | of Mines |
| Field of study | Mines, Oil and Gas |
| Level | Bachelor |
| Program of study | Mining Engineering |

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| Course | **Mine Ventilation** |
| Code | MNIMSO612 |
| Year of study (semester) | III (VI) |
| Number of hours | 56 |
| Number of credits | 4 |
| Professor | Assoc. Prof. Ph.D. BĂBUŢ Gabriel Bujor |

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| **No.** | **Topic** |
|  | Underground atmospheric environment |
|  | Explosive gaseous media |
|  | Mining climate |
|  | Basic principles of fluid flow |
|  | Basic fan engineering |
|  | Ventilation networks, systems and schemes |
|  | Regulation the air flow distribution in the ventilation networks |
|  | Design and realization of auxiliary ventilation |
|  | Design of mine ventilation |