**Course Syllabus**

Academic year: **2020-2021**

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Mechanical Engineering |
| Level | Master degree |
| Program of study | Mechanical process installations and equipment |

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| Course | **Machinery and equipment for infrastructure works****I** |
| Code | 2MMMOS12 |
| Year of study (semester) | II (III) |
| Number of hours | 56 |
| Number of credits | 6 |
| Professor | Lecturer Ph.D. Dinescu Stela |

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| **No.** | **Topic** |
|  | Characteristics of coal at mechanical cutting |
|  | Drilling Rigs |
|  | Bucket excavators |
|  | Dragline Excavators |
|  | Excavators equipped with grapple |
|  | Excavators equipped with crane |