**Course Syllabus**

 Academic year: **2020-2021**

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering |
| Field of study | Transport Engineering |
| Level | Bachelor |
| Program of study | Transport and Traffic Engineering |

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| Course | Transportation infrastructure |
| Code | 2TT7OS56 |
| Year of study (semester) | IV (VII) |
| Number of hours | 56 |
| Number of credits | 5 |
| Professor | Lecturer Ph.D. Dinescu Stela |

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| **No.** | **Topic** |
|  | Road design |
|  | Constructive parameters of the roads |
|  | Road infrastructure |
|  | Railway infrastructure |
|  | Machinery and equipment for infrastructure works |
|  | Scraper Installations |
|  | Bucket excavators |
|  | Bulldozers and scarifiers |
|  | Autograders |
|  | Front loaders with a bucket |
|  | Rock compacting machines |
|  | Asphaltic rehabilitation machines |