**Course Syllabus**

Academic year: 2020-2021

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

|  |  |
| --- | --- |
| Course | **Mechanics** |
| Code | 2TT1OD07 |
| Year of study (semester) | I |
| Number of hours | 70 |
| Number of credits | 5 |
| Professor | Senior Lecturer ITU Razvan Bogdan |

|  |  |
| --- | --- |
| **No.** | **Topic** |
|  | Point statics |
|  | Centres of mass |
|  | The moment of the couple  |
|  | Position vector  |
|  | Point kinematics |
|  | Rectilinear and circular movements |
|  | Dynamics |