# Information sheet for the course

**Mechanics of Bodies III**

| University: | Alexander Dubček University of Trenčín |
| Faculty: | Faculty of Industrial Technologies in Púchov |
| Course unit code: | PP-P-29 | Course unit title: Mechanics of Bodies III |
| Type of course unit: | compulsory |

## Planned types, learning activities and teaching methods:

- **Lecture:** 2 hours weekly/26 hours per semester of study; face to face
- **Seminar:** 1 hours weekly/13 hours per semester of study; face to face
- **Laboratory tutorial:** 0 hours

| Number of credits: | 5 |

### Recommended semester:
- 5th semester in the 3rd year full-time
- 5th semester in the 3rd year part-time

| Degree of study: | the 1st degree of study (Bachelor’s degree) |
| Course prerequisites: | PP-P-14 Mechanics of Bodies I, PP-P-21 Mechanics of Bodies II. |
| Assessment methods: | Semestral work, Test |

### Learning outcomes of the course unit:
The student knows the methodology of calculation of strength and deformation of supporting structures and their elements. Does propose a simple support structure to perform its function at the time of their life.

### Course contents:

### Recommended of required reading:
- MIROLJUBOV I.N. a kol.: Riešenie úloh z pružnosti a pevnosti, SNTL Praha, II. vydanie, r. 1981.

### Language: Slovak

### Remarks:

### Evaluation history:

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### Lecturers:
prof. Ing. Ján Vavro, PhD., doc. Ing. Ján Vavro, PhD.
Ing. Petra Kováčiková, PhD.

### Last modification: 31.03.2015

### Supervisor:
doc. Ing. Ján Vavro, PhD.