

Title <b>Engineering Mechanics (Mechanika techniczna)</b>	Code <b>1010401221010430171</b>
Field <b>Technical Physics</b>	Year / Semester <b>1 / 2</b>
Specialty -	Course <b>core</b>
Hours Lectures: <b>2</b> Classes: <b>2</b> Laboratory: -    Projects / seminars: -	Number of credits <b>4</b>
	Language <b>polish</b>

**Lecturer:**

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**Status of the course in the study program:**

Core course of the study for Technical Physics, Faculty of Technical Physics.

**Assumptions and objectives of the course:**

obtaining knowledge of the theoretical background of engineering mechanics by the students

**Contents of the course (course description):**

kinematics of material point and many-particle system, newtonian dynamics, analytic mechanics, mechanics of continuous body

**Introductory courses and the required pre-knowledge:**

mechanics in the scope of basic course of physics for the branch of technical physics, vector and tensor calculus, differential and integral calculus

**Courses form and teaching methods:**

lectures, calculation exercises

**Form and terms of complete the course - requirements and assessment methods:**

written test, written and oral examination

**Basic Bibliography:**

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**Additional Bibliography:**

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