

Title <b>(Maszynoznawstwo)</b>	Code <b>10102512110102202223</b>
Field <b>Mechanical Engineering</b>	Year / Semester <b>1 / 1</b>
Specialty -	Course <b>core</b>
Hours Lectures: <b>1</b> Classes: -    Laboratory: -    Projects / seminars: -	Number of credits <b>2</b>
	Language <b>polish</b>

**Lecturer:**

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

Core course at the Faculty of Mechanical Engineering and Management to the first degree studies of Mechanical Engineering.

**Assumptions and objectives of the course:**

Acquaint construction, principle of action and applications of most often meat machines and devices.

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

Energy, classification of machines, basic technical parameters. Steam boilers, fuel engines ? thermal balance, units, parameters. Turbines principle of action, parameters. Pumps and compressors ? construction and applications.

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

Basic knowledge of physic.

**Courses form and teaching methods:**

Lectures, supported by transparencies and multimedia presentations.

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

Examination ? test.

**Basic Bibliography:**

**Additional Bibliography:**