

Title <b>Engineering of production I: Mechanical Working Laboratory</b>	Code <b>10102542310102201520</b>
Field <b>Mechanical Engineering</b>	Year / Semester <b>2 / 3</b>
Specialty -	Course <b>core</b>
Hours Lectures: - Classes: - Laboratory: <b>1</b> 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:**

The course belongs to obligatory group of courses at the Faculty of Mechanical Engineering and Management, field of study- Mechanical Engineering.

**Assumptions and objectives of the course:**

Acquaint students with practical aspects of removal forming of materials (machining).

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

Acquaint practically with metalwork basics, possibility technologies of lathes, milling machines, drilling and grinding machines (basic methods and varieties demonstration of machining), cutting parameters setting. Acquaint with construction and application of tools for machining and basic measurement instrument usage.

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

Basic knowledge from range: turning, drilling, grinding, milling, cutting tool materials.

**Courses form and teaching methods:**

Laboratory.

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

Credit on the basis of knowledge checking during carry out classes and reports.

**Basic Bibliography:**

**Additional Bibliography:**