

Title <b>(Konstrukcje metalowe)</b>	Code <b>1010114171010110212</b>
Field <b>Civil Engineering Extramural First-cycle studies</b>	Year / Semester <b>4 / 7</b>
Specialty <b>Structural Engineering</b>	Course <b>core</b>
Hours Lectures: <b>2</b> Classes: <b>8</b> Laboratory: -    Projects / seminars: <b>8</b>	Number of credits <b>6</b>
	Language <b>polish</b>

**Lecturer:**

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

Metal Constructions

**Assumptions and objectives of the course:**

The aim of lectures and practices is the description of technology of steel production as well their mechanical properties, and also the description of methods of projecting the units of metal constructions and their connections.

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

- basic information of technology of steel production,
- properties of steel used in buildings,
- the description of methods of projecting the metal constructions,
- welded connections,
- screw connections,
- projecting compress and tension bars.

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

Knowledge of the structural mechanics, mechanics of strength materials and from first stage of studies

**Courses form and teaching methods:**

Lectures illustrated with slides and movies. The practice lectures concern of introduction of constructional solutions.

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

The credits for lecture, the design and its defence

**Basic Bibliography:**

**Additional Bibliography:**