

Title <b>(Konstrukcje metalowe)</b>	Code <b>1010115131010110160</b>
Field <b>Civil Engineering Extramural Second-cycle Studies</b>	Year / Semester <b>2 / 3</b>
Specialty <b>Construction Engineering and Management</b>	Course <b>core</b>
Hours Lectures: <b>1</b> Classes: -    Laboratory: -    Projects / seminars: <b>15</b>	Number of credits <b>3</b>
	Language <b>polish</b>

**Lecturer:**

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

-extramural studies

**Assumptions and objectives of the course:**

-Broadening knowledge of the steel structures design rules, so as: beams, columns, halls, bracing systems and beams for overhead crane

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

- Design rules of the:
- beams, solid webbed beams,
- steel columns, columns compound of steel sections
- trusses,
- beams for overhead crane,
- one-storey halls,
- framework buildings,
- composite structures.

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

-Knowledge of the structural mechanics, mechanics of strenght materials and steel structures

**Courses form and teaching methods:**

-lectures and design classes

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

-the credits for the lecture, the design and its defence

**Basic Bibliography:**

**Additional Bibliography:**