

Title <b>(Konstrukcje metalowe)</b>	Code <b>1010114191010110221</b>
Field <b>Civil Engineering Extramural First-cycle studies</b>	Year / Semester <b>5 / 9</b>
Specialty <b>Structural Engineering</b>	Course <b>core</b>
Hours Lectures: <b>1</b> Classes: <b>8</b> Laboratory: <b>-</b> Projects / seminars: <b>14</b>	Number of credits <b>7</b>
	Language <b>polish</b>

**Lecturer:**

dr inż. Zdzisław Kurzawa  
Institute of Civil Engineering  
60-965 Poznan, Piotrowo 5  
zdzislaw.kurzawa@put.poznan.pl  
61 665 2091

**Faculty:**

Faculty of Civil and Environmental Engineering  
ul. Piotrowo 5  
60-965 Poznań  
tel. (061) 665-2413, fax. (061) 665-2444  
e-mail: office\_dceef@put.poznan.pl

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

Metal Constructions

**Assumptions and objectives of the course:**

The description of methods of designing beams, high buildings as well as industrial halls is the aim of lectures

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

- basic information about designing beams,
- the principle of designing the industrial hall,
- the principle of designing the high buildings, towers, tunnels, reservoirs and thin-walled constructions.

**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 industrial halls

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

The credits for lecture, the design and its defence

**Basic Bibliography:**

**Additional Bibliography:**