

Title (Konstrukcje metalowe)	Code 1010124151010110074
Field Civil Engineering Extramural First-cycle Studies	Year / Semester 3 / 5
Specialty Transportation Engineering	Course core
Hours Lectures: 2 Classes: 8 Laboratory: - Projects / seminars: 8	Number of credits 4
	Language polish

Lecturer:

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Status of the course in the study program:

-Civil Engineering extramural studies first-cycle studies, Specialty Transportation Engineering, Course core

Assumptions and objectives of the course:

-To instruct some specific features of steel as building construction material, technology of production, properties and mill production. To introduce some general methods of designing of steel construction element and connection.

Contents of the course (course description):

-Basic information of technology and production of steel, steel profiles product, mechanical and technological properties. General methods of steel construction design. General methods of designing welded, bolted and riveted connections. Exercises ? examples of steel element connection. Design exercises ? design of welded bolted connection.

Introductory courses and the required pre-knowledge:

-Basic knowledge of structure mechanics and strength of material.

Courses form and teaching methods:

-Lectures illustrated by slides. Presentation of connection models, examples of welded bolted connections.

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

-Examination, project, test.

Basic Bibliography:

Additional Bibliography: