

Metal Structures

Lectures, design exercises, consultations - general rules

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[footbridge.pl/stud/](https://www.footbridge.pl/stud/)

(not www.footbridge.pl/stud/)

general information, materials, bibliography

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(please not via Teams)

Metal Structures - ECTS points;

Subject	Winter semester	Summer semester
Structural Mechanics	6	
Metal Structures	3	4
Concrete Structures	4	3
Bridge Structures		4
...
Σ	30	30

3 subjects with the highest number of points.

LECTURES

Even weeks, 90 minutes

Monday, 12:45 - 14:15, room 218



LECTURES

2 III	Joints and connections in steel structures
16 III	Stiffness of joints
30 III	Welding technology
13 IV	Welds
20 IV	Bolts
27 IV	Rigid joints, Supporting joints
25 V	Other joints
8 VI	Steel hall, Exam – introduction

DESIGN PROJECTS

Every week, 90 minutes

Monday, 14:30 - 1600, room 218

2 exercises in semester

DESIGN PROJECTS

	Initial presentation	Explanation	Deadline
II nd , Floor girder	23 II	2 III, 9 III, 16 III	16 V
III rd , Steel hall	23 III	30 III, 13 IV	15 VI

1 VI – Ist term of test

8 VI – IInd term of test

CONSULTATIONS

(intended for discussing students' assignments and credits awarded for them):

- On exercises after explanation of topic
- Monday, 9:15 AM - 12:30 PM, Room 230,
- Wednesday, odd weeks 9:15 AM - 10:45 AM; even weeks 9:15 AM - 12:30 PM, Room 230,
- Thursday, odd weeks 11:00 AM - 12:30 PM; even weeks 9:15 AM - 12:30 PM, Room 230
 - by Zoom
 - by e-mail:

tmichal@pk.edu.pl

Formal requirements:

- Absences on other classes don't affected on grades;
- The attendance list is checked for the Dean's Office
- Each projects and Laboratories must be delivered in electronical version before Exam

Both design projects assignment must be handed in and awarded no later than

15 VI 2026

There will be no consultations and credits of design projects between

16 VI 2026 and 30 IX 2026

Final Grade

Part	Total max	Including: correct execution	Minimum required	Test or exam	Minimum required
II Design Proj: floor girders	24	12	7	12	7
III Design Proj: hall	24	12	7	12	7
Exam	52			52	27
TOTAL	100				

There are three Student Science Clubs operating at the Chair



Photo: L3

Koło Naukowe Konstrukcji Metalowych



Photo: dziennikolski24.pl



Photo: metaalbewerking-info.be



Photo: hospitaldesignhub.com

Extra points for club activities




	Giving a paper at a Club meeting	Giving a paper at a Faculty or inter-Faculty Session of Clubs	Presentation of a paper at an Inter-university (national or international) Session of Clubs
	3	5	8
	5	10	15
	3	5	8

Photo: L3

Sum of point	Grade
< 7,0 execution II project < 7,0 test II project < 7,0 execution III project < 7,0 test III project < 27 exam	2,0 F
55,0 – 60,0	3,0 E
60,1 – 70,0	3,5 D
70,1 – 80,0	4,0 C
80,1 – 90,0	4,5 B
90,1 – 100,0	5,0 A

Thank you for attention

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